

# American Housing Survey for the United States: 2011

---

## *Current Housing Reports*

Issued September 2013

H150/11



U.S. Department of Housing  
and Urban Development  
OFFICE OF POLICY DEVELOPMENT AND RESEARCH

U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU  
***census.gov***

# American Housing Survey for the United States: 2011

Issued September 2013

## *Current Housing Reports*

H150/11

### American Housing Survey for the United States: 2011

*Current Housing Reports*

Issued September 2013  
H150/11



U.S. Department of Housing  
and Urban Development  
OFFICE OF POLICY DEVELOPMENT AND RESEARCH

U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU  
[census.gov](http://census.gov)



### **U.S. Department of Housing and Urban Development**

**Shaun Donovan,**  
Secretary  
**Maurice Jones,**  
Deputy Secretary

**OFFICE OF POLICY  
DEVELOPMENT AND RESEARCH**  
**Vacant,**  
Assistant Secretary



### **U.S. Department of Commerce**

**Penny Pritzker,**  
Secretary  
**Patrick D. Gallagher,**  
Acting Deputy Secretary

**Economics and Statistics  
Administration**  
**Mark Doms,**  
Under Secretary  
for Economic Affairs

**U.S. CENSUS BUREAU**  
**John H. Thompson,**  
Director

SUGGESTED CITATION

U.S. Census Bureau,  
Current Housing Reports,  
Series H150/11,  
*American Housing Survey for the  
United States: 2011*,  
U.S. Government Printing Office,  
Washington, DC, 20401.  
Printed in 2013.



**Economics  
and Statistics  
Administration**

**Mark Doms,**  
Under Secretary for  
Economic Affairs



**U.S. CENSUS BUREAU**

**John H. Thompson,**  
Director

**Nancy A. Potok,**  
Deputy Director and  
Chief Operating Officer

**Enrique Lamas,**  
Associate Director for  
Demographic Programs



**OFFICE OF POLICY  
DEVELOPMENT AND  
RESEARCH**

**Vacant,**  
Assistant Secretary

**Kurt G. Usowski,**  
Deputy Assistant Secretary  
for Economic Affairs

**Shawn Bucholtz,**  
Director, Housing and Demographic  
Analysis Division

## CONTENTS

|                                                                                        |    |
|----------------------------------------------------------------------------------------|----|
| Introduction . . . . .                                                                 | iv |
| Dates of Current AHS Metropolitan<br>Areas: 1974 to 2011 . . . . .                     | v  |
| Dates of Current AHS Metropolitan Areas No<br>Longer in Sample: 1974 to 2011 . . . . . | vi |

|                                         |                        |
|-----------------------------------------|------------------------|
|                                         | All<br>housing<br>(AH) |
| <b>Total Inventory and Vacant Units</b> |                        |

|                                                        |         |
|--------------------------------------------------------|---------|
| 1. Seasonal and Vacant Characteristics . . . . .       | C-00-AH |
| 2. General Housing Data . . . . .                      | C-01-AH |
| 3. Rooms, Size, and Amenities . . . . .                | C-02-AH |
| 4. Heating, Air Conditioning, and Appliances . . . . . | C-03-AH |

|                                                                    |                         |                           |                            |
|--------------------------------------------------------------------|-------------------------|---------------------------|----------------------------|
|                                                                    | All<br>occupied<br>(AO) | Owner<br>occupied<br>(OO) | Renter<br>occupied<br>(RO) |
| <b>Occupied Units</b>                                              |                         |                           |                            |
| 1. General Housing Data . . . . .                                  | C-01-AO                 | C-01-OO                   | C-01-RO                    |
| 2. Rooms, Size, and Amenities . . . . .                            | C-02-AO                 | C-02-OO                   | C-02-RO                    |
| 3. Heating, Air Conditioning, and Appliances . . . . .             | C-03-AO                 | C-03-OO                   | C-03-RO                    |
| 4. Plumbing, Water, and Sewage Disposal . . . . .                  | C-04-AO                 | C-04-OO                   | C-04-RO                    |
| 5. Housing Problems. . . . .                                       | C-05-AO                 | C-05-OO                   | C-05-RO                    |
| 6. Housing Migration—Previous Unit. . . . .                        | C-06-AO                 | C-06-OO                   | C-06-RO                    |
| 7. Housing and Neighborhood Search<br>and Satisfaction . . . . .   | C-07-AO                 | C-07-OO                   | C-07-RO                    |
| 8. Household Demographics. . . . .                                 | C-08-AO                 | C-08-OO                   | C-08-RO                    |
| 9. Income Characteristics . . . . .                                | C-09-AO                 | C-09-OO                   | C-09-RO                    |
| 10. Housing Costs . . . . .                                        | C-10-AO                 | C-10-OO                   | C-10-RO                    |
| 11. General Characteristics by Census<br>Geography . . . . .       | C-11-AO                 | C-11-OO                   | C-11-RO                    |
| 12. General Characteristics by Units in Structure. . . . .         | C-12-AO                 | C-12-OO                   | C-12-RO                    |
| 13. Value, Purchase Price, and Source of<br>Down Payment . . . . . | *                       | C-13-OO                   | *                          |
| 14A. Mortgage Characteristics . . . . .                            | *                       | C-14A-OO                  | *                          |
| 14B. Additional Mortgage Characteristics . . . . .                 | *                       | C-14B-OO                  | *                          |
| 15. Home Improvement Characteristics . . . . .                     | *                       | C-15-OO                   | *                          |
| 16. Home Improvement Costs. . . . .                                | *                       | C-16-OO                   | *                          |
| 17. Property Management and Maintenance . . . . .                  | **                      | **                        | C-17-RO                    |
| 1. Health and Safety Characteristics . . . . .                     | S-01-AO                 | S-01-OO                   | S-01-RO                    |
| 2. Disabilities and Home Accessibility. . . . .                    | S-02-AO                 | S-02-OO                   | S-02-RO                    |

C=Core S=Special Topic/Supplemental

### Appendixes

|                                          |     |
|------------------------------------------|-----|
| A. Definitions . . . . .                 | A-1 |
| B. Sample Design and Weighting . . . . . | B-1 |
| C. Historical Changes: 2011 . . . . .    | C-1 |
| D. Errors . . . . .                      | D-1 |

\* Table not shown, it only applies to owner-occupied units.

\*\* Table not shown, it only applies to renter-occupied units.

# Introduction

---

This report presents data from the American Housing Survey (AHS). The survey is sponsored by the Department of Housing and Urban Development (HUD) and conducted by the U.S. Census Bureau.

The AHS is the most comprehensive national housing survey in the United States. It provides data on a wide range of housing subjects, including single-family homes, apartments, manufactured housing, vacant units, family composition, income, housing and neighborhood quality, housing costs, equipment, fuel type, and recent moves. National data are collected every 2 years from a sample of housing units. The national survey, which began in 1973, has sampled the same units since 1985; it also samples new construction to ensure continuity and timeliness of the data.

The survey, whose data are presented in this report, includes about 155,000 housing units. Respondents in the sample were interviewed between July and December 2011. Data are collected by census enumerators by telephone or personal visit via a laptop survey questionnaire. For unoccupied units, data are collected from landlords, rental agents, or neighbors.

In the past, the AHS was two surveys conducted independently of one another. The national survey was enumerated every other odd-numbered year, while the metropolitan survey occurred in selected areas on a rotating basis. Starting in 2007, the national and metropolitan surveys were conducted in the same time-period to reduce costs. Although they were collected simultaneously, the resulting data were not pooled to produce a single set of estimates. The national cases were used for regional- and national-level estimates, while the metropolitan cases were used for specific-area estimates. These areas usually, but not always, coincide with the Office of Management and Budget (OMB) definitions of the metropolitan statistical area. There was no AHS-Metropolitan sample in the 2011 survey. Instead, a supplemental sample of housing units was selected for 29 metropolitan areas. This supplemental sample was combined with the national sample in these areas in order to produce metropolitan estimates using the national survey. The 2011 sample also includes an oversample of assisted housing units, drawn from HUD administrative records.

## **SAMPLE DESIGN**

Information regarding the sample size and response rate can be found in Appendix B. Sample units are weighted and represent about 2,000 other units in the national survey. The weighting is designed to minimize sampling error and utilize independent estimates of occupied and vacant housing units.

## **SAMPLING ERRORS**

The data in this report are subject to error from sampling and other causes, such as incomplete data and wrong answers. Appendix D contains a complete description of the types of errors and provides formulas for constructing confidence intervals. Standard errors for all 2011 AHS tables are available at <[www.census.gov/housing/ahs/](http://www.census.gov/housing/ahs/)>.

## **2011 CHANGES**

The 2011 AHS includes topical supplements on potential health and safety hazards in the home and modifications made to assist occupants living with disabilities. Mortgage questions have been redesigned, while selected neighborhood and journey-to-work questions were dropped from the 2011 survey altogether. These topical supplements will likely rotate back into the questionnaire in subsequent surveys. In addition, the 2011 tables were significantly redesigned from 2009. See Appendix C for more details. A table crosswalk for all 2011 AHS tables is available at <[www.census.gov/housing/ahs/](http://www.census.gov/housing/ahs/)>.

## **SURVEY AUTHORITY**

Title 12, Sections 1701Z-1 and 1701-2g of the U.S. Code authorizes the Secretary of HUD to collect data from the public and private agencies and protect the confidentiality of the data. Title 12, Section 1701Z-10 mandates the collection of the data for the AHS. The guarantee of confidentiality made to respondents is provided by the Census Bureau through Title 13, Section 9(a) of the U.S. Code.

## **FOR MORE INFORMATION**

Visit the AHS Web site at <[www.census.gov/housing/ahs/](http://www.census.gov/housing/ahs/)> for national and metropolitan publications dating back to 1973.

Also available from the Web site are public-use micro data files in SAS and ASCII formats, as well as additional survey information including questionnaire text, micro data codebooks, and AHS-based analyses.

Please contact us at 888-518-7365 (toll-free) or e-mail us at <[ahsn@census.gov](mailto:ahsn@census.gov)> with any inquiries about these data.

# Dates of Current AHS Metropolitan Areas: 1974 to 2011

| Area                                                            | 2008–<br>2011 | 2003–<br>2007 | 1998–<br>2002 | 1995–<br>1997 <sup>1</sup> | 1992–<br>1994 | 1988–<br>1991 | 1984–<br>1987 | 1981–<br>1983 | 1980 | 1977–<br>1979 | 1974–<br>1976 |
|-----------------------------------------------------------------|---------------|---------------|---------------|----------------------------|---------------|---------------|---------------|---------------|------|---------------|---------------|
| Anaheim-Santa Ana, CA<br>PMSA <sup>2</sup>                      | 11            | X             | 02            | X                          | 94            | 90            | 86            | 81            | X    | 77            | 74            |
| Atlanta, GA MSA                                                 | 11            | 04            | X             | 96                         | X             | 91            | 87            | 82            | X    | 78            | 75            |
| Baltimore, MD MSA                                               | X             | 07            | 98            | X                          | X             | 91            | 87            | 83            | X    | 79            | 76            |
| Birmingham, AL MSA                                              | 11            | X             | 98            | X                          | 92            | 88            | 84            | X             | 80   | X             | 76            |
| Boston, MA-NH CMSA                                              | X             | 07            | 98            | X                          | 93            | 89            | 85            | 81            | X    | 77            | 74            |
| Buffalo, NY CMSA <sup>2</sup>                                   | 11            | X             | 02            | X                          | 94            | 88            | 84            | X             | X    | 79            | 76            |
| Charlotte, NC-SC MSA                                            | 11            | X             | 02            | 95                         | X             | X             | X             | X             | X    | X             | X             |
| Chicago, IL PMSA                                                | 09            | 03            | 99            | 95                         | X             | 91            | 87            | 83            | X    | 79            | 75            |
| Cincinnati, OH-KY-IN PMSA <sup>2</sup>                          | 11            | X             | 98            | X                          | X             | 90            | 86            | 82            | X    | 78            | 75            |
| Cleveland, OH PMSA <sup>2</sup>                                 | 11            | 04            | X             | 96                         | 92            | 88            | 84            | X             |      | 79            | 76            |
| Columbus, OH MSA                                                | 11            | X             | 02            | 95                         | X             | 91            | 87            | 82            | X    | 78            | 75            |
| Dallas, TX PMSA <sup>2</sup>                                    | 11            | X             | 02            | X                          | 94            | 89            | 85            | 81            | X    | 77            | 74            |
| Denver, CO MSA                                                  | 11            | 04            | X             | 95                         | X             | 90            | 86            | 83            | X    | 79            | 76            |
| Detroit, MI PMSA                                                | 09            | 03            | 99            | 95                         | 93            | 89            | 85            | 81            | X    | 77            | 74            |
| Fort Worth-Arlington, TX<br>PMSA <sup>2</sup>                   | 11            | X             | 02            | X                          | 94            | 89            | 85            | 81            | X    | 77            | 74            |
| Hartford, CT MSA                                                | X             | 04            | X             | 96                         | X             | 91            | 87            | 83            | X    | 79            | 75            |
| Houston, TX PMSAs                                               | X             | 07            | 98            | X                          | X             | 91            | 87            | 83            | X    | 79            | 76            |
| Indianapolis, IN MSA <sup>2</sup>                               | 11            | 04            | X             | 96                         | 92            | 88            | 84            | X             | 80   | X             | 76            |
| Kansas City, MO-KS MSA                                          | 11            | X             | 02            | 95                         | X             | 90            | 86            | 82            | X    | 78            | 75            |
| Los Angeles-Long Beach, CA<br>PMSA <sup>2</sup>                 | 11            | 03            | 99            | 95                         | X             | 89            | 85            | X             | 80   | 77            | 74            |
| Memphis, TN-AR-MS MSA                                           | 11            | 04            | X             | 96                         | 92            | 88            | 84            | X             | 80   | 77            | 74            |
| Miami-Ft. Lauderdale, FL<br>CMSA                                | X             | 07            | 02            | 95                         | X             | 90            | 86            | 83            | X    | 79            | 75            |
| Milwaukee, WI PMSA <sup>2</sup>                                 | 11            | X             | 02            | X                          | 94            | 88            | 84            | X             | X    | 79            | 75            |
| Minneapolis-St. Paul, MN-WI<br>MSA                              | X             | 07            | 98            | X                          | 93            | 89            | 85            | 81            | X    | 77            | 74            |
| New Orleans, LA MSA                                             | 09 and 11     | 04            | X             | 95                         | X             | 90            | 86            | 82            | X    | 78            | 75            |
| New York-Nassau-Suffolk-<br>Orange, NY PMSAs                    | 09            | 03            | 99            | 95                         | X             | 91            | 87            | 83            | 80   | X             | 76            |
| Northern NJ PMSAs                                               | 09            | 03            | 99            | 95                         | X             | 91            | 87            | X             | X    | X             | X             |
| Oakland, CA PMSA <sup>3</sup>                                   | 11            | X             | 98            | X                          | X             | X             | X             | X             | X    | X             | X             |
| Oklahoma City, OK MSA                                           | X             | 04            | X             | 96                         | 92            | 88            | 84            | X             | 80   | X             | 76            |
| Philadelphia, PA-NJ PMSA <sup>2</sup>                           | 09            | 03            | 99            | 95                         | X             | 89            | 85            | 82            | X    | 78            | 75            |
| Phoenix, AZ MSA <sup>2</sup>                                    | 11            | X             | 02            | X                          | 94            | 89            | 85            | 81            | X    | 77            | 74            |
| Pittsburgh, PA MSA                                              | 11            | 04            | X             | 95                         | X             | 90            | 86            | 81            | X    | 77            | 74            |
| Portland, OR-WA PMSA                                            | 11            | X             | 02            | 95                         | X             | 90            | 86            | 83            | X    | 79            | 75            |
| Providence-Pawtucket-<br>Warwick, RI-MA PMSAs                   | 11            | X             | 98            | X                          | 92            | 88            | 84            | X             | 80   | X             | 76            |
| Riverside-San Bernardino-<br>Ontario, CA PMSA <sup>2</sup>      | 11            | X             | 02            | X                          | 94            | 90            | 86            | 82            | X    | 78            | 75            |
| Rochester, NY MSA                                               | X             | X             | 98            | X                          | X             | 90            | 86            | 82            | X    | 78            | 75            |
| Sacramento, CA PMSA                                             | 11            | 04            | X             | 96                         | X             | X             | X             | 83            | 80   | X             | 76            |
| St. Louis, MO-IL MSA                                            | 11            | 04            | X             | 96                         | X             | 91            | 87            | 83            | 80   | X             | 76            |
| Salt Lake City, UT MSA                                          | X             | X             | 98            | X                          | 92            | 88            | 84            | X             | 80   | 77            | 74            |
| San Antonio, TX MSA                                             | X             | 04            | X             | 95                         | X             | 90            | 86            | 82            | X    | 78            | 75            |
| San Diego, CA MSA <sup>2</sup>                                  | 11            | X             | 02            | X                          | 94            | 91            | 87            | 82            | X    | 78            | 75            |
| San Francisco, CA PMSA <sup>3</sup>                             | 11            | X             | 98            | X                          | X             | X             | X             | X             | X    | X             | X             |
| San Jose, CA PMSA                                               | 11            | X             | 98            | X                          | 93            | 88            | 84            | X             | X    | X             | X             |
| Seattle-Tacoma, WA PMSA <sup>4</sup>                            | 09            | 04            | X             | 96                         | X             | X             | X             | 83            | X    | 79            | 76            |
| Tampa-St. Petersburg, FL MSA                                    | X             | 07            | 98            | X                          | 93            | 89            | 85            | X             | X    | X             | X             |
| Virginia Beach-Norfolk-<br>Newport News, VA-NC MSA <sup>5</sup> | 11            | X             | 98            | X                          | X             | X             | X             | X             | X    | X             | X             |
| Washington, DC-MD-VA MSA                                        | X             | 07            | 98            | X                          | 93            | 89            | 85            | 81            | X    | 77            | 74            |

X Not applicable.

<sup>1</sup> No areas surveyed for 1997.

<sup>2</sup> Same area since beginning. All other areas change boundaries over time; see map or list of counties in each report.

<sup>3</sup> Formerly with San Francisco-Oakland, CA, PMSAs.

<sup>4</sup> Formerly Seattle-Everett, WA, PMSA.

<sup>5</sup> Currituck County, NC, was added to the geographic definition in 1998.

# Dates of Current AHS Metropolitan Areas No Longer in Sample: 1974 to 2011

| Area                                                                      | 1998–<br>2011 | 1995–<br>1997 <sup>1</sup> | 1992–<br>1994 | 1988–<br>1991 | 1984–<br>1987 | 1981–<br>1983 | 1980 | 1977–<br>1979 | 1974–<br>1976 |
|---------------------------------------------------------------------------|---------------|----------------------------|---------------|---------------|---------------|---------------|------|---------------|---------------|
| Albany-Schenectady-Troy, NY <sup>2</sup>                                  | X             | X                          | X             | X             | X             | X             | 80   | 77            | 74            |
| Allentown-Bethlehem-Easton,<br>PA-NJ <sup>2</sup>                         | X             | X                          | X             | X             | X             | X             | 80   | X             | 76            |
| Colorado Springs, CO <sup>2</sup>                                         | X             | X                          | X             | X             | X             | X             | X    | 78            | 75            |
| Grand Rapids, MI <sup>2</sup>                                             | X             | X                          | X             | X             | X             | X             | 80   | X             | 76            |
| Honolulu, HI <sup>2</sup>                                                 | X             | X                          | X             | X             | X             | 83            | X    | 79            | 76            |
| Las Vegas, NV <sup>2</sup>                                                | X             | X                          | X             | X             | X             | X             | X    | 79            | 76            |
| Louisville, KY-IN <sup>2</sup>                                            | X             | X                          | X             | X             | X             | 83            | 80   | X             | 76            |
| Madison, WI <sup>2</sup>                                                  | X             | X                          | X             | X             | X             | 81            | X    | 77            | 75            |
| Newark, NJ (now covered by<br>Northern NJ) <sup>2</sup>                   | X             | X                          | X             | X             | X             | 81            | X    | 77            | 74            |
| Norfolk-Virginia Beach-Newport<br>News, VA MSA                            | X             | X                          | 92            | 88            | 84            | X             | X    | 78            | 75            |
| Newport News-Hampton, VA MSA                                              | X             | X                          | X             | X             | X             | X             | X    | 78            | 75            |
| Omaha, NE-IA <sup>2</sup>                                                 | X             | X                          | X             | X             | X             | X             | X    | 79            | 76            |
| Orlando, FL <sup>2</sup>                                                  | X             | X                          | X             | X             | X             | 81            | X    | 77            | 74            |
| Paterson-Clifton-Passaic, NJ (now<br>covered by Northern NJ) <sup>2</sup> | X             | X                          | X             | X             | X             | 82            | X    | 78            | 75            |
| Raleigh, NC <sup>2</sup>                                                  | X             | X                          | X             | X             | X             | X             | X    | 79            | 76            |
| Saginaw, MI <sup>2</sup>                                                  | X             | X                          | X             | X             | X             | X             | 80   | 77            | 74            |
| San Francisco-Oakland, CA PMSA                                            | X             | X                          | 93            | 89            | 85            | 82            | X    | 78            | 75            |
| Seattle-Tacoma, WA                                                        | X             | X                          | X             | 91            | 87            | X             | X    | X             | X             |
| Spokane, WA                                                               | X             | X                          | X             | X             | X             | 81            | X    | 77            | 74            |
| Springfield-Chicopee-Holyoke,<br>MA-CT <sup>2</sup>                       | X             | X                          | X             | X             | X             | X             | X    | 78            | 75            |
| Tacoma, WA <sup>2</sup>                                                   | X             | X                          | X             | X             | X             | 81            | X    | 77            | 74            |
| Wichita, KS <sup>2</sup>                                                  | X             | X                          | X             | X             | X             | 81            | X    | 77            | 74            |

X Not applicable.

<sup>1</sup> No areas surveyed for 1997.

<sup>2</sup> Same area since beginning. All other areas change boundaries over time; see map or list of counties in each report.

Table C-00-AH.

**Seasonal and Vacant Characteristics—All Housing Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                    | Total housing units | Seasonal     | Year-round     |                |               |               |               |              |                     |               |                |                     |              | New construction past 4 years | Manufactured/mobile homes |
|----------------------------------------------------|---------------------|--------------|----------------|----------------|---------------|---------------|---------------|--------------|---------------------|---------------|----------------|---------------------|--------------|-------------------------------|---------------------------|
|                                                    |                     |              | Total          | Occupied       |               |               | Vacant        |              |                     |               |                |                     |              |                               |                           |
|                                                    |                     |              |                | Total          | Owner         | Renter        | Total         | For rent     | Rental vacancy rate | For sale only | Rented or sold | Occasional use/ URE | Other vacant |                               |                           |
| <b>Total</b>                                       | <b>132,419</b>      | <b>4,133</b> | <b>128,286</b> | <b>114,907</b> | <b>76,091</b> | <b>38,816</b> | <b>13,379</b> | <b>3,906</b> | <b>9.1</b>          | <b>1,715</b>  | <b>786</b>     | <b>3,610</b>        | <b>3,362</b> | <b>3,111</b>                  | <b>9,049</b>              |
| <b>Suitability for Year-Round Use¹</b>             |                     |              |                |                |               |               |               |              |                     |               |                |                     |              |                               |                           |
| Built and heated for year-round use                | 131,378             | 3,092        | 128,286        | 114,907        | 76,091        | 38,816        | 13,379        | 3,906        | 9.1                 | 1,715         | 786            | 3,610               | 3,362        | 3,093                         | 8,894                     |
| Not suitable                                       | 881                 | 881          | Z              | Z              | Z             | Z             | Z             | Z            | Z                   | Z             | Z              | Z                   | Z            | 7                             | 122                       |
| Not reported                                       | 159                 | 159          | Z              | Z              | Z             | Z             | Z             | Z            | Z                   | Z             | Z              | Z                   | Z            | 11                            | 32                        |
| <b>Time Sharing</b>                                |                     |              |                |                |               |               |               |              |                     |               |                |                     |              |                               |                           |
| Vacant, including URE                              | 17,512              | 4,133        | 13,379         | X              | X             | X             | 13,379        | 3,906        | 91.8                | 1,715         | 786            | 3,610               | 3,362        | 540                           | 1,859                     |
| Ownership time-shared                              | 136                 | 36           | 100            | X              | X             | X             | 100           | 15           | 83.2                | 6             | 3              | 57                  | 20           | 12                            | 13                        |
| Not time-shared                                    | 17,376              | 4,097        | 13,279         | X              | X             | X             | 13,279        | 3,891        | 91.8                | 1,709         | 783            | 3,553               | 3,343        | 528                           | 1,846                     |
| <b>Duration of Vacancy</b>                         |                     |              |                |                |               |               |               |              |                     |               |                |                     |              |                               |                           |
| Vacant units                                       | 15,294              | 3,180        | 12,115         | X              | X             | X             | 12,115        | 3,906        | 92.0                | 1,715         | 786            | 2,345               | 3,362        | 464                           | 1,617                     |
| Less than 1 month vacant                           | 1,861               | 497          | 1,364          | X              | X             | X             | 1,364         | 756          | 91.3                | 91            | 97             | 286                 | 133          | 63                            | 153                       |
| 1 month up to 2 months                             | 1,683               | 313          | 1,370          | X              | X             | X             | 1,370         | 767          | 88.1                | 130           | 149            | 152                 | 171          | 59                            | 89                        |
| 2 months up to 6 months                            | 3,330               | 718          | 2,612          | X              | X             | X             | 2,612         | 1,028        | 92.1                | 396           | 200            | 487                 | 501          | 85                            | 417                       |
| 6 months up to 1 year                              | 1,569               | 298          | 1,271          | X              | X             | X             | 1,271         | 376          | 92.7                | 280           | 85             | 184                 | 347          | 48                            | 156                       |
| 1 year up to 2 years                               | 1,354               | 118          | 1,235          | X              | X             | X             | 1,235         | 282          | 92.8                | 249           | 84             | 170                 | 449          | 24                            | 130                       |
| 2 years or more                                    | 3,107               | 655          | 2,452          | X              | X             | X             | 2,452         | 320          | 97.2                | 285           | 107            | 481                 | 1,259        | 35                            | 463                       |
| Never occupied                                     | 537                 | 210          | 327            | X              | X             | X             | 327           | 31           | 92.7                | 50            | 14             | 163                 | 69           | 76                            | 62                        |
| Don't know                                         | 1,853               | 370          | 1,484          | X              | X             | X             | 1,484         | 346          | 96.5                | 234           | 49             | 423                 | 432          | 74                            | 146                       |
| <b>Last Used as a Permanent Residence</b>          |                     |              |                |                |               |               |               |              |                     |               |                |                     |              |                               |                           |
| Vacant seasonal                                    | 4,133               | 4,133        | X              | X              | X             | X             | X             | X            | X                   | X             | X              | X                   | X            | 123                           | 626                       |
| Less than 1 month since occupied as permanent home | 229                 | 229          | X              | X              | X             | X             | X             | X            | X                   | X             | X              | X                   | X            | 1                             | 30                        |
| 1 month up to 2 months                             | 71                  | 71           | X              | X              | X             | X             | X             | X            | X                   | X             | X              | X                   | X            | 2                             | 2                         |
| 2 months up to 6 months                            | 241                 | 241          | X              | X              | X             | X             | X             | X            | X                   | X             | X              | X                   | X            | 4                             | 53                        |
| 6 months up to 1 year                              | 116                 | 116          | X              | X              | X             | X             | X             | X            | X                   | X             | X              | X                   | X            | 7                             | 31                        |
| 1 year up to 2 years                               | 109                 | 109          | X              | X              | X             | X             | X             | X            | X                   | X             | X              | X                   | X            | 3                             | 18                        |
| 2 years or more                                    | 1,127               | 1,127        | X              | X              | X             | X             | X             | X            | X                   | X             | X              | X                   | X            | 11                            | 182                       |
| Never occupied as permanent home                   | 1,731               | 1,731        | X              | X              | X             | X             | X             | X            | X                   | X             | X              | X                   | X            | 65                            | 262                       |
| Don't know                                         | 480                 | 480          | X              | X              | X             | X             | X             | X            | X                   | X             | X              | X                   | X            | 27                            | 48                        |
| Not reported                                       | 28                  | 28           | X              | X              | X             | X             | X             | X            | X                   | X             | X              | X                   | X            | 2                             | Z                         |
| <b>Homes Currently for Sale or Rent²</b>           |                     |              |                |                |               |               |               |              |                     |               |                |                     |              |                               |                           |
| Up for rent only                                   | 4,028               | X            | 4,028          | 42             | 42            | X             | 3,985         | 3,656        | 100.0               | X             | X              | 329                 | X            | 104                           | 174                       |
| Up for rent or for sale                            | 303                 | X            | 303            | 26             | 26            | X             | 277           | 250          | 100.0               | X             | X              | 27                  | X            | 12                            | 30                        |
| For sale only                                      | 2,884               | X            | 2,884          | 1,117          | 1,117         | X             | 1,767         | X            | X                   | 1,715         | X              | 52                  | X            | 141                           | 218                       |
| Not for rent or for sale                           | 80,621              | X            | 80,621         | 73,271         | 73,271        | X             | 7,350         | X            | X                   | X             | 786            | 3,201               | 3,362        | 2,012                         | 6,378                     |
| Not reported                                       | 1,636               | X            | 1,636          | 1,636          | 1,636         | X             | Z             | Z            | Z                   | Z             | Z              | Z                   | Z            | 46                            | 111                       |
| <b>Reasons Extra Unit Owned</b>                    |                     |              |                |                |               |               |               |              |                     |               |                |                     |              |                               |                           |
| Extra units³                                       | 7,684               | 4,074        | 3,610          | X              | X             | X             | 3,610         | X            | X                   | X             | X              | 3,610               | X            | 242                           | 1,144                     |
| Previous usual residence                           | 909                 | 286          | 623            | X              | X             | X             | 623           | X            | X                   | X             | X              | 623                 | X            | 7                             | 133                       |
| Used for recreational purposes                     | 3,721               | 2,426        | 1,296          | X              | X             | X             | 1,296         | X            | X                   | X             | X              | 1,296               | X            | 143                           | 671                       |
| Investment purposes                                | 725                 | 372          | 353            | X              | X             | X             | 353           | X            | X                   | X             | X              | 353                 | X            | 22                            | 45                        |
| Unable to sell property                            | 109                 | 60           | 48             | X              | X             | X             | 48            | X            | X                   | X             | X              | 48                  | X            | 1                             | 21                        |
| Inherited property                                 | 526                 | 316          | 211            | X              | X             | X             | 211           | X            | X                   | X             | X              | 211                 | X            | 1                             | 65                        |
| Other reasons                                      | 1,059               | 583          | 476            | X              | X             | X             | 476           | X            | X                   | X             | X              | 476                 | X            | 43                            | 143                       |
| Not reported                                       | 540                 | 262          | 278            | X              | X             | X             | 278           | X            | X                   | X             | X              | 278                 | X            | 17                            | 50                        |
| <b>Location of Extra Unit</b>                      |                     |              |                |                |               |               |               |              |                     |               |                |                     |              |                               |                           |
| Within 150 miles of current residence              | 3,506               | 1,967        | 1,539          | X              | X             | X             | 1,539         | X            | X                   | X             | X              | 1,539               | X            | 85                            | 577                       |
| 150 miles or more from current residence           | 2,880               | 1,709        | 1,172          | X              | X             | X             | 1,172         | X            | X                   | X             | X              | 1,172               | X            | 98                            | 408                       |
| Not reported                                       | 1,297               | 398          | 899            | X              | X             | X             | 899           | X            | X                   | X             | X              | 899                 | X            | 59                            | 159                       |
| <b>Nights Owner Spent at Extra Unit</b>            |                     |              |                |                |               |               |               |              |                     |               |                |                     |              |                               |                           |
| 0 to 2 nights                                      | 1,593               | 919          | 674            | X              | X             | X             | 674           | X            | X                   | X             | X              | 674                 | X            | 34                            | 211                       |
| 3 to 7 nights                                      | 376                 | 215          | 162            | X              | X             | X             | 162           | X            | X                   | X             | X              | 162                 | X            | 12                            | 57                        |
| 8 nights or more                                   | 4,054               | 2,227        | 1,826          | X              | X             | X             | 1,826         | X            | X                   | X             | X              | 1,826               | X            | 117                           | 715                       |
| Not reported                                       | 1,661               | 713          | 948            | X              | X             | X             | 948           | X            | X                   | X             | X              | 948                 | X            | 79                            | 161                       |
| <b>Nights Owner Rented Extra Unit</b>              |                     |              |                |                |               |               |               |              |                     |               |                |                     |              |                               |                           |
| 0 to 2 nights                                      | 5,229               | 2,933        | 2,296          | X              | X             | X             | 2,296         | X            | X                   | X             | X              | 2,296               | X            | 144                           | 950                       |
| 3 to 7 nights                                      | 46                  | 34           | 12             | X              | X             | X             | 12            | X            | X                   | X             | X              | 12                  | X            | Z                             | 3                         |
| 8 nights or more                                   | 965                 | 500          | 465            | X              | X             | X             | 465           | X            | X                   | X             | X              | 465                 | X            | 39                            | 69                        |
| Not reported                                       | 1,445               | 607          | 838            | X              | X             | X             | 838           | X            | X                   | X             | X              | 838                 | X            | 59                            | 122                       |

See footnotes at end of table.

Table C-00-AH.

**Seasonal and Vacant Characteristics—All Housing Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                             | Total housing units      Seasonal |       | Year-round |          |        |        |        |          |                     |               |                |                     |              | New construction past 4 years | Manufactured/mobile homes |
|---------------------------------------------|-----------------------------------|-------|------------|----------|--------|--------|--------|----------|---------------------|---------------|----------------|---------------------|--------------|-------------------------------|---------------------------|
|                                             |                                   |       | Total      | Occupied |        |        | Vacant |          |                     |               |                |                     |              |                               |                           |
|                                             |                                   |       |            | Total    | Owner  | Renter | Total  | For rent | Rental vacancy rate | For sale only | Rented or sold | Occasional use/ URE | Other vacant |                               |                           |
| Census Regions and Divisions                |                                   |       |            |          |        |        |        |          |                     |               |                |                     |              |                               |                           |
| Northeast . . . . .                         | 23,717                            | 800   | 22,917     | 21,066   | 13,480 | 7,585  | 1,852  | 576      | 7.0                 | 249           | 95             | 496                 | 436          | 315                           | 663                       |
| New England . . . . .                       | 6,450                             | 315   | 6,135      | 5,722    | 3,937  | 1,785  | 413    | 109      | 5.7                 | 50            | 32             | 125                 | 96           | 74                            | 187                       |
| Middle Atlantic . . . . .                   | 17,267                            | 484   | 16,783     | 15,344   | 9,543  | 5,800  | 1,439  | 466      | 7.4                 | 199           | 63             | 372                 | 340          | 241                           | 476                       |
| Midwest . . . . .                           | 29,545                            | 734   | 28,811     | 25,682   | 18,032 | 7,650  | 3,129  | 874      | 10.1                | 467           | 199            | 742                 | 847          | 479                           | 1,491                     |
| East North Central . . . . .                | 20,394                            | 575   | 19,819     | 17,542   | 12,287 | 5,255  | 2,278  | 661      | 11.1                | 348           | 126            | 532                 | 611          | 328                           | 1,031                     |
| West North Central . . . . .                | 9,151                             | 159   | 8,992      | 8,141    | 5,745  | 2,396  | 851    | 213      | 8.0                 | 119           | 73             | 210                 | 237          | 150                           | 460                       |
| South . . . . .                             | 50,381                            | 1,774 | 48,607     | 42,584   | 29,119 | 13,465 | 6,023  | 1,774    | 11.6                | 696           | 277            | 1,715               | 1,561        | 1,544                         | 5,174                     |
| South Atlantic . . . . .                    | 27,045                            | 1,315 | 25,730     | 22,227   | 15,291 | 6,937  | 3,503  | 965      | 12.1                | 445           | 136            | 1,145               | 813          | 722                           | 2,855                     |
| East South Central . . . . .                | 8,232                             | 217   | 8,015      | 7,167    | 5,082  | 2,085  | 848    | 227      | 9.7                 | 86            | 51             | 149                 | 335          | 308                           | 883                       |
| West South Central . . . . .                | 15,104                            | 242   | 14,861     | 13,189   | 8,746  | 4,443  | 1,672  | 582      | 11.5                | 165           | 90             | 422                 | 413          | 514                           | 1,436                     |
| West . . . . .                              | 28,776                            | 825   | 27,951     | 25,575   | 15,460 | 10,115 | 2,375  | 683      | 6.3                 | 303           | 215            | 656                 | 518          | 774                           | 1,720                     |
| Mountain . . . . .                          | 9,617                             | 536   | 9,080      | 8,160    | 5,400  | 2,760  | 921    | 276      | 9.0                 | 135           | 65             | 237                 | 207          | 240                           | 704                       |
| Pacific . . . . .                           | 19,159                            | 289   | 18,871     | 17,416   | 10,060 | 7,356  | 1,455  | 406      | 5.2                 | 168           | 150            | 419                 | 311          | 534                           | 1,016                     |
| Metropolitan/Nonmetropolitan Area           |                                   |       |            |          |        |        |        |          |                     |               |                |                     |              |                               |                           |
| Inside metropolitan statistical areas . . . | 104,017                           | 1,967 | 102,050    | 92,110   | 59,357 | 32,754 | 9,940  | 3,351    | 9.2                 | 1,325         | 603            | 2,347               | 2,314        | 2,355                         | 4,858                     |
| In central cities . . . . .                 | 38,599                            | 391   | 38,208     | 33,892   | 17,390 | 16,502 | 4,316  | 1,782    | 9.7                 | 439           | 269            | 745                 | 1,081        | 916                           | 769                       |
| Not in central cities . . . . .             | 65,418                            | 1,576 | 63,842     | 58,218   | 41,967 | 16,251 | 5,624  | 1,569    | 8.7                 | 886           | 334            | 1,602               | 1,233        | 1,438                         | 4,089                     |
| Outside metropolitan statistical areas . .  | 28,402                            | 2,166 | 26,236     | 22,797   | 16,735 | 6,062  | 3,440  | 555      | 8.3                 | 390           | 183            | 1,263               | 1,048        | 757                           | 4,190                     |

<sup>1</sup> If occupied year-round, assumed to be suitable for year-round use.<sup>2</sup> Includes owner-occupied and vacant units only.<sup>3</sup> Figures may not add to total because more than one category may apply to a unit.

Table C-01-AH.

**General Housing Data—All Housing Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                               | Total housing units | Seasonal | Year-round |          |        |        |        |          |                     |               |                |                     |              | New construction past 4 years | Manufactured/mobile homes |
|---------------------------------------------------------------|---------------------|----------|------------|----------|--------|--------|--------|----------|---------------------|---------------|----------------|---------------------|--------------|-------------------------------|---------------------------|
|                                                               |                     |          | Total      | Occupied |        |        | Vacant |          |                     |               |                |                     |              |                               |                           |
|                                                               |                     |          |            | Total    | Owner  | Renter | Total  | For rent | Rental vacancy rate | For sale only | Rented or sold | Occasional use/ URE | Other vacant |                               |                           |
| Sample size (number) . . . . .                                | 155,108             | 2,439    | 152,669    | 134,918  | 82,418 | 52,500 | 17,751 | 7,214    | 12.0                | 2,526         | 873            | 3,315               | 3,823        | 3,635                         | 5,819                     |
| Total . . . . .                                               | 132,419             | 4,133    | 128,286    | 114,907  | 76,091 | 38,816 | 13,379 | 3,906    | 9.1                 | 1,715         | 786            | 3,610               | 3,362        | 3,111                         | 9,049                     |
| Units in Structure                                            |                     |          |            |          |        |        |        |          |                     |               |                |                     |              |                               |                           |
| 1, detached . . . . .                                         | 82,974              | 2,549    | 80,425     | 73,761   | 62,662 | 11,099 | 6,664  | 803      | 6.7                 | 1,238         | 422            | 2,007               | 2,194        | 1,952                         | X                         |
| 1, attached . . . . .                                         | 7,768               | 226      | 7,542      | 6,744    | 4,090  | 2,654  | 798    | 252      | 8.6                 | 115           | 33             | 237                 | 161          | 282                           | X                         |
| 2 to 4 . . . . .                                              | 10,678              | 187      | 10,491     | 8,956    | 1,419  | 7,537  | 1,535  | 780      | 9.3                 | 89            | 84             | 226                 | 355          | 98                            | X                         |
| 5 to 9 . . . . .                                              | 6,354               | 122      | 6,232      | 5,410    | 583    | 4,827  | 822    | 512      | 9.5                 | 37            | 30             | 133                 | 109          | 73                            | X                         |
| 10 to 19 . . . . .                                            | 6,028               | 106      | 5,921      | 5,032    | 518    | 4,514  | 890    | 617      | 11.9                | 29            | 62             | 108                 | 73           | 92                            | X                         |
| 20 to 49 . . . . .                                            | 4,474               | 124      | 4,349      | 3,665    | 408    | 3,257  | 685    | 371      | 10.1                | 28            | 48             | 171                 | 67           | 182                           | X                         |
| 50 or more . . . . .                                          | 5,096               | 192      | 4,904      | 4,150    | 734    | 3,415  | 754    | 376      | 9.8                 | 46            | 51             | 198                 | 83           | 247                           | X                         |
| Manufactured/mobile home or trailer . . . . .                 | 9,049               | 626      | 8,423      | 7,190    | 5,678  | 1,512  | 1,233  | 194      | 11.2                | 133           | 57             | 529                 | 321          | 187                           | 9,049                     |
| Cooperatives and Condominiums                                 |                     |          |            |          |        |        |        |          |                     |               |                |                     |              |                               |                           |
| Cooperatives . . . . .                                        | 896                 | 71       | 824        | 714      | 514    | 200    | 110    | 20       | 9.0                 | 8             | 12             | 47                  | 23           | 8                             | 117                       |
| Condominiums . . . . .                                        | 9,363               | 656      | 8,707      | 7,345    | 4,404  | 2,941  | 1,362  | 280      | 8.6                 | 216           | 58             | 582                 | 227          | 296                           | 45                        |
| Year Structure Built <sup>1,2</sup>                           |                     |          |            |          |        |        |        |          |                     |               |                |                     |              |                               |                           |
| 2010 to 2014 . . . . .                                        | 720                 | 28       | 692        | 550      | 403    | 147    | 142    | 38       | 19.6                | 44            | 20             | 23                  | 17           | 720                           | 22                        |
| 2005 to 2009 . . . . .                                        | 8,267               | 273      | 7,993      | 7,098    | 5,182  | 1,917  | 895    | 223      | 10.4                | 172           | 37             | 301                 | 163          | 2,391                         | 528                       |
| 2000 to 2004 . . . . .                                        | 9,250               | 295      | 8,955      | 8,206    | 6,319  | 1,887  | 748    | 214      | 10.1                | 123           | 47             | 234                 | 130          | X                             | 914                       |
| 1995 to 1999 . . . . .                                        | 8,948               | 298      | 8,650      | 7,906    | 6,045  | 1,861  | 744    | 210      | 10.1                | 99            | 30             | 285                 | 120          | X                             | 1,694                     |
| 1990 to 1994 . . . . .                                        | 7,206               | 301      | 6,905      | 6,264    | 4,766  | 1,498  | 641    | 132      | 8.0                 | 125           | 52             | 198                 | 134          | X                             | 1,090                     |
| 1985 to 1989 . . . . .                                        | 9,014               | 284      | 8,731      | 7,889    | 5,176  | 2,714  | 841    | 338      | 11.0                | 89            | 42             | 226                 | 147          | X                             | 927                       |
| 1980 to 1984 . . . . .                                        | 7,715               | 241      | 7,474      | 6,605    | 4,135  | 2,470  | 869    | 264      | 9.6                 | 108           | 48             | 262                 | 186          | X                             | 1,013                     |
| 1975 to 1979 . . . . .                                        | 13,579              | 402      | 13,177     | 11,805   | 7,298  | 4,507  | 1,373  | 454      | 9.1                 | 144           | 90             | 415                 | 270          | X                             | 959                       |
| 1970 to 1974 . . . . .                                        | 11,176              | 424      | 10,752     | 9,535    | 5,608  | 3,927  | 1,217  | 402      | 9.2                 | 95            | 73             | 369                 | 278          | X                             | 1,062                     |
| 1960 to 1969 . . . . .                                        | 15,405              | 472      | 14,933     | 13,596   | 8,679  | 4,917  | 1,338  | 406      | 7.6                 | 185           | 79             | 359                 | 308          | X                             | 631                       |
| 1950 to 1959 . . . . .                                        | 13,455              | 331      | 13,124     | 11,905   | 8,548  | 3,357  | 1,219  | 283      | 7.7                 | 195           | 71             | 288                 | 382          | X                             | 98                        |
| 1940 to 1949 . . . . .                                        | 7,836               | 283      | 7,553      | 6,624    | 4,172  | 2,451  | 929    | 239      | 8.8                 | 88            | 54             | 191                 | 358          | X                             | 49                        |
| 1930 to 1939 . . . . .                                        | 5,536               | 140      | 5,396      | 4,705    | 2,697  | 2,008  | 691    | 192      | 8.7                 | 72            | 27             | 150                 | 250          | X                             | 63                        |
| 1920 to 1929 . . . . .                                        | 5,323               | 93       | 5,230      | 4,612    | 2,598  | 2,014  | 618    | 181      | 8.2                 | 64            | 42             | 118                 | 212          | X                             | X                         |
| 1919 or earlier . . . . .                                     | 8,989               | 267      | 8,722      | 7,607    | 4,467  | 3,141  | 1,115  | 332      | 9.5                 | 111           | 74             | 190                 | 407          | X                             | X                         |
| Median (year) . . . . .                                       | 1974                | 1976     | 1974       | 1974     | 1976   | 1972   | 1973   | 1974     | X                   | 1977          | 1973           | 1977                | 1962         | 2008                          | 1989                      |
| Stories in Structure <sup>3</sup>                             |                     |          |            |          |        |        |        |          |                     |               |                |                     |              |                               |                           |
| 1 . . . . .                                                   | 42,491              | 1,694    | 40,797     | 36,540   | 26,072 | 10,468 | 4,257  | 842      | 7.4                 | 589           | 252            | 1,237               | 1,337        | 814                           | X                         |
| 2 . . . . .                                                   | 44,175              | 1,078    | 43,097     | 38,677   | 24,933 | 13,744 | 4,420  | 1,526    | 9.9                 | 579           | 248            | 1,064               | 1,004        | 1,130                         | X                         |
| 3 . . . . .                                                   | 27,793              | 449      | 27,345     | 24,940   | 16,538 | 8,401  | 2,405  | 891      | 9.5                 | 322           | 156            | 519                 | 516          | 672                           | X                         |
| 4 to 6 . . . . .                                              | 6,346               | 172      | 6,174      | 5,511    | 2,367  | 3,144  | 662    | 301      | 8.7                 | 60            | 43             | 123                 | 135          | 185                           | X                         |
| 7 or more . . . . .                                           | 2,565               | 115      | 2,450      | 2,049    | 502    | 1,547  | 401    | 152      | 8.9                 | 32            | 30             | 137                 | 50           | 124                           | X                         |
| Stories Between Main and Apartment Entrances <sup>3</sup>     |                     |          |            |          |        |        |        |          |                     |               |                |                     |              |                               |                           |
| Multiunits, 2 or more floors . . . . .                        | 28,685              | 648      | 28,036     | 23,870   | 3,369  | 20,502 | 4,166  | 2,353    | 10.2                | 210           | 248            | 750                 | 605          | 642                           | X                         |
| None (on same floor) . . . . .                                | 9,555               | 138      | 9,417      | 8,248    | 1,156  | 7,092  | 1,170  | 608      | 7.8                 | 58            | 66             | 253                 | 184          | 153                           | X                         |
| 1 (up or down) . . . . .                                      | 8,256               | 162      | 8,094      | 6,764    | 955    | 5,809  | 1,331  | 808      | 12.1                | 57            | 81             | 170                 | 215          | 137                           | X                         |
| 2 or more (up or down) . . . . .                              | 10,873              | 349      | 10,524     | 8,859    | 1,258  | 7,601  | 1,666  | 937      | 10.9                | 95            | 102            | 327                 | 206          | 352                           | X                         |
| Elevator on Floor <sup>3</sup>                                |                     |          |            |          |        |        |        |          |                     |               |                |                     |              |                               |                           |
| Multiunits, 2 or more floors . . . . .                        | 28,685              | 648      | 28,036     | 23,870   | 3,369  | 20,502 | 4,166  | 2,353    | 10.2                | 210           | 248            | 750                 | 605          | 642                           | X                         |
| With at least 1 working elevator . . . . .                    | 5,253               | 277      | 4,976      | 4,204    | 946    | 3,258  | 772    | 352      | 9.7                 | 50            | 44             | 233                 | 93           | 260                           | X                         |
| With at least 1 elevator, none in working condition . . . . . | 32                  | Z        | 32         | 26       | 1      | 25     | 6      | 2        | 9.0                 | Z             | Z              | 1                   | 3            | Z                             | X                         |
| No elevator . . . . .                                         | 23,399              | 371      | 23,028     | 19,640   | 2,422  | 17,219 | 3,388  | 1,999    | 10.3                | 160           | 204            | 516                 | 509          | 382                           | X                         |
| Multiunits, 3 or more floors from main entrance . . . . .     | 1,784               | 33       | 1,751      | 1,484    | 119    | 1,365  | 267    | 173      | 11.1                | 11            | 26             | 25                  | 33           | 46                            | X                         |
| Foundation <sup>3</sup>                                       |                     |          |            |          |        |        |        |          |                     |               |                |                     |              |                               |                           |
| 1-unit buildings . . . . .                                    | 90,742              | 2,775    | 87,966     | 80,505   | 66,752 | 13,753 | 7,461  | 1,056    | 7.1                 | 1,352         | 454            | 2,244               | 2,355        | 2,234                         | X                         |
| With basement under all of building . . . . .                 | 28,692              | 418      | 28,274     | 26,288   | 22,987 | 3,301  | 1,986  | 248      | 7.0                 | 478           | 131            | 505                 | 623          | 571                           | X                         |
| With basement under part of building . . . . .                | 9,299               | 195      | 9,104      | 8,505    | 7,516  | 990    | 599    | 77       | 7.2                 | 118           | 36             | 157                 | 211          | 96                            | X                         |
| With crawl space . . . . .                                    | 20,437              | 788      | 19,650     | 17,766   | 14,289 | 3,477  | 1,884  | 259      | 6.9                 | 249           | 118            | 572                 | 686          | 375                           | X                         |
| On concrete slab . . . . .                                    | 30,430              | 980      | 29,451     | 26,663   | 21,013 | 5,651  | 2,787  | 442      | 7.2                 | 494           | 157            | 945                 | 749          | 1,148                         | X                         |
| Other . . . . .                                               | 1,884               | 396      | 1,488      | 1,282    | 949    | 334    | 205    | 28       | 7.7                 | 14            | 12             | 66                  | 85           | 44                            | X                         |

See footnotes at end of table.

Table C-01-AH.

**General Housing Data—All Housing Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                       | Total housing units      Seasonal |     | Year-round |          |       |        |        |          |                     |               |                |                     |              | New construction past 4 years | Manufactured/mobile homes |
|-------------------------------------------------------|-----------------------------------|-----|------------|----------|-------|--------|--------|----------|---------------------|---------------|----------------|---------------------|--------------|-------------------------------|---------------------------|
|                                                       |                                   |     | Total      | Occupied |       |        | Vacant |          |                     |               |                |                     |              |                               |                           |
|                                                       |                                   |     |            | Total    | Owner | Renter | Total  | For rent | Rental vacancy rate | For sale only | Rented or sold | Occasional use/ URE | Other vacant |                               |                           |
| Manufactured/Mobile Home Setup                        |                                   |     |            |          |       |        |        |          |                     |               |                |                     |              |                               |                           |
| Manufactured/mobile homes . . . . .                   | 9,049                             | 626 | 8,423      | 7,190    | 5,678 | 1,512  | 1,233  | 194      | 11.2                | 133           | 57             | 529                 | 321          | 187                           | 9,049                     |
| Set on permanent masonry foundation . . . . .         | 1,664                             | 89  | 1,576      | 1,423    | 1,238 | 185    | 153    | 12       | 6.2                 | 13            | 3              | 81                  | 44           | 69                            | 1,664                     |
| Resting on concrete pad . . . . .                     | 1,581                             | 98  | 1,483      | 1,211    | 1,012 | 198    | 273    | 18       | 8.3                 | 48            | 13             | 160                 | 33           | 35                            | 1,581                     |
| Up on blocks, but not on concrete pad . . . . .       | 5,271                             | 361 | 4,910      | 4,240    | 3,235 | 1,006  | 670    | 145      | 12.4                | 64            | 37             | 233                 | 191          | 72                            | 5,271                     |
| Setup in some other way . . . . .                     | 247                               | 28  | 219        | 181      | 134   | 47     | 38     | 2        | 4.1                 | 3             | 1              | 14                  | 18           | 3                             | 247                       |
| Setup not reported . . . . .                          | 285                               | 50  | 235        | 135      | 59    | 76     | 100    | 16       | 17.2                | 5             | 2              | 41                  | 35           | 7                             | 285                       |
| Manufactured/Mobile Home Anchoring                    |                                   |     |            |          |       |        |        |          |                     |               |                |                     |              |                               |                           |
| Manufactured/mobile homes . . . . .                   | 9,049                             | 626 | 8,423      | 7,190    | 5,678 | 1,512  | 1,233  | 194      | 11.2                | 133           | 57             | 529                 | 321          | 187                           | 9,049                     |
| Anchored by tiedowns, bolts, or other means . . . . . | 7,769                             | 493 | 7,276      | 6,310    | 5,031 | 1,279  | 966    | 170      | 11.6                | 95            | 52             | 433                 | 215          | 148                           | 7,769                     |
| Not anchored . . . . .                                | 886                               | 83  | 803        | 662      | 530   | 132    | 141    | 8        | 6.0                 | 27            | 4              | 44                  | 57           | 29                            | 886                       |
| Anchoring not reported . . . . .                      | 394                               | 49  | 345        | 218      | 117   | 101    | 127    | 15       | 12.9                | 11            | Z              | 51                  | 49           | 10                            | 394                       |
| Manufactured/Mobile Home Size                         |                                   |     |            |          |       |        |        |          |                     |               |                |                     |              |                               |                           |
| Manufactured/mobile homes . . . . .                   | 9,049                             | 626 | 8,423      | 7,190    | 5,678 | 1,512  | 1,233  | 194      | 11.2                | 133           | 57             | 529                 | 321          | 187                           | 9,049                     |
| Single-wide . . . . .                                 | 5,227                             | 412 | 4,815      | 3,937    | 2,791 | 1,145  | 879    | 150      | 11.4                | 74            | 49             | 373                 | 233          | 59                            | 5,227                     |
| Double-wide . . . . .                                 | 3,614                             | 203 | 3,410      | 3,073    | 2,731 | 342    | 338    | 44       | 11.3                | 59            | 8              | 142                 | 85           | 104                           | 3,614                     |
| Triple-wide or larger . . . . .                       | 178                               | 4   | 174        | 166      | 149   | 18     | 7      | Z        | Z                   | Z             | Z              | 7                   | Z            | 20                            | 178                       |
| Size not reported . . . . .                           | 29                                | 5   | 24         | 14       | 7     | 7      | 10     | Z        | 1.4                 | Z             | 1              | 7                   | 2            | 4                             | 29                        |
| Manufactured/Mobile Home Site Placement               |                                   |     |            |          |       |        |        |          |                     |               |                |                     |              |                               |                           |
| Manufactured/mobile homes . . . . .                   | 9,049                             | 626 | 8,423      | 7,190    | 5,678 | 1,512  | 1,233  | 194      | 11.2                | 133           | 57             | 529                 | 321          | 187                           | 9,049                     |
| First site . . . . .                                  | 6,261                             | 442 | 5,819      | 5,004    | 4,230 | 774    | 815    | 106      | 11.9                | 99            | 29             | 388                 | 194          | 168                           | 6,261                     |
| Moved from another site . . . . .                     | 1,653                             | 136 | 1,518      | 1,251    | 1,014 | 237    | 266    | 58       | 19.2                | 14            | 22             | 76                  | 96           | 11                            | 1,653                     |
| Don't know . . . . .                                  | 689                               | 48  | 641        | 493      | 202   | 291    | 148    | 29       | 9.1                 | 20            | 6              | 62                  | 30           | 7                             | 689                       |
| Site placement not reported . . . . .                 | 446                               | Z   | 446        | 442      | 232   | 210    | 4      | Z        | 0.2                 | Z             | Z              | 3                   | Z            | Z                             | 446                       |
| Manufactured/Mobile Homes in Group                    |                                   |     |            |          |       |        |        |          |                     |               |                |                     |              |                               |                           |
| Manufactured/mobile homes . . . . .                   | 9,049                             | 626 | 8,423      | 7,190    | 5,678 | 1,512  | 1,233  | 194      | 11.2                | 133           | 57             | 529                 | 321          | 187                           | 9,049                     |
| 1 to 6 . . . . .                                      | 6,198                             | 333 | 5,866      | 5,081    | 4,036 | 1,046  | 785    | 111      | 9.4                 | 89            | 34             | 280                 | 271          | 159                           | 6,198                     |
| 7 to 20 . . . . .                                     | 577                               | 22  | 555        | 456      | 300   | 156    | 100    | 30       | 15.7                | 3             | 11             | 47                  | 10           | 4                             | 577                       |
| 21 or more . . . . .                                  | 2,273                             | 271 | 2,002      | 1,653    | 1,343 | 311    | 349    | 53       | 14.6                | 41            | 11             | 202                 | 41           | 23                            | 2,273                     |

<sup>1</sup> For manufactured/mobile homes, oldest category is 1939 or earlier.<sup>2</sup> Median is estimated from the printed distribution; see Appendix A.<sup>3</sup> Figures exclude manufactured/mobile homes.

Table C-02-AH.

**Rooms, Size, and Amenities—All Housing Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                              | Total<br>housing<br>units | Sea-<br>sonal | Year-round     |                |               |               |               |              |                           |                     |                   |                                | New<br>con-<br>struc-<br>tion<br>past 4<br>years | Manu-<br>fac-<br>tured/<br>mobile<br>homes |                 |
|--------------------------------------------------------------|---------------------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------|---------------------------|---------------------|-------------------|--------------------------------|--------------------------------------------------|--------------------------------------------|-----------------|
|                                                              |                           |               | Total          | Occupied       |               |               | Vacant        |              |                           |                     |                   |                                |                                                  |                                            |                 |
|                                                              |                           |               |                | Total          | Owner         | Renter        | Total         | For<br>rent  | Rental<br>vacancy<br>rate | For<br>sale<br>only | Rented<br>or sold | Occa-<br>sional<br>use/<br>URE |                                                  |                                            | Other<br>vacant |
| <b>Total</b>                                                 | <b>132,419</b>            | <b>4,133</b>  | <b>128,286</b> | <b>114,907</b> | <b>76,091</b> | <b>38,816</b> | <b>13,379</b> | <b>3,906</b> | <b>9.1</b>                | <b>1,715</b>        | <b>786</b>        | <b>3,610</b>                   | <b>3,362</b>                                     | <b>3,111</b>                               | <b>9,049</b>    |
| <b>Rooms</b>                                                 |                           |               |                |                |               |               |               |              |                           |                     |                   |                                |                                                  |                                            |                 |
| 1.....                                                       | 601                       | 95            | 506            | 391            | 18            | 374           | 115           | 49           | 11.5                      | Z                   | 4                 | 26                             | 35                                               | 12                                         | 9               |
| 2.....                                                       | 1,404                     | 148           | 1,256          | 952            | 98            | 854           | 305           | 126          | 12.7                      | 10                  | 18                | 72                             | 79                                               | 49                                         | 28              |
| 3.....                                                       | 11,433                    | 584           | 10,849         | 9,107          | 1,033         | 8,074         | 1,742         | 869          | 9.6                       | 73                  | 80                | 405                            | 315                                              | 231                                        | 424             |
| 4.....                                                       | 23,636                    | 1,238         | 22,399         | 18,780         | 6,319         | 12,461        | 3,619         | 1,406        | 10.1                      | 259                 | 198               | 967                            | 790                                              | 413                                        | 2,764           |
| 5.....                                                       | 30,440                    | 1,020         | 29,420         | 25,921         | 17,101        | 8,820         | 3,499         | 872          | 8.9                       | 471                 | 204               | 963                            | 990                                              | 730                                        | 3,362           |
| 6.....                                                       | 27,779                    | 514           | 27,264         | 24,966         | 19,910        | 5,056         | 2,298         | 394          | 7.2                       | 392                 | 145               | 674                            | 694                                              | 569                                        | 1,589           |
| 7.....                                                       | 17,868                    | 264           | 17,603         | 16,613         | 14,705        | 1,908         | 990           | 123          | 6.0                       | 252                 | 55                | 283                            | 278                                              | 458                                        | 647             |
| 8.....                                                       | 10,749                    | 143           | 10,606         | 10,146         | 9,403         | 743           | 460           | 40           | 5.0                       | 138                 | 50                | 130                            | 102                                              | 324                                        | 192             |
| 9.....                                                       | 4,854                     | 39            | 4,815          | 4,616          | 4,317         | 299           | 198           | 18           | 5.7                       | 74                  | 17                | 35                             | 54                                               | 158                                        | 20              |
| 10 or more.....                                              | 3,654                     | 87            | 3,567          | 3,415          | 3,187         | 228           | 152           | 10           | 4.2                       | 46                  | 15                | 55                             | 25                                               | 168                                        | 14              |
| <b>Bedrooms</b>                                              |                           |               |                |                |               |               |               |              |                           |                     |                   |                                |                                                  |                                            |                 |
| None.....                                                    | 1,413                     | 191           | 1,222          | 912            | 72            | 840           | 310           | 124          | 12.8                      | 12                  | 19                | 73                             | 82                                               | 29                                         | 19              |
| 1.....                                                       | 14,924                    | 633           | 14,290         | 12,067         | 1,731         | 10,336        | 2,223         | 1,149        | 9.9                       | 83                  | 104               | 492                            | 394                                              | 301                                        | 540             |
| 2.....                                                       | 35,083                    | 1,564         | 33,519         | 28,656         | 13,197        | 15,459        | 4,862         | 1,701        | 9.8                       | 424                 | 249               | 1,343                          | 1,145                                            | 578                                        | 3,579           |
| 3.....                                                       | 54,245                    | 1,209         | 53,036         | 48,565         | 39,306        | 9,259         | 4,471         | 753          | 7.4                       | 821                 | 305               | 1,275                          | 1,317                                            | 1,252                                      | 4,308           |
| 4 or more.....                                               | 26,755                    | 535           | 26,220         | 24,707         | 21,785        | 2,921         | 1,513         | 179          | 5.7                       | 375                 | 109               | 427                            | 424                                              | 952                                        | 604             |
| <b>Complete Bathrooms</b>                                    |                           |               |                |                |               |               |               |              |                           |                     |                   |                                |                                                  |                                            |                 |
| None.....                                                    | 1,808                     | 465           | 1,343          | 494            | 190           | 304           | 849           | 118          | 27.7                      | 68                  | 33                | 134                            | 496                                              | 38                                         | 226             |
| 1.....                                                       | 46,800                    | 1,513         | 45,287         | 39,268         | 15,118        | 24,150        | 6,018         | 2,388        | 8.9                       | 427                 | 344               | 1,380                          | 1,480                                            | 443                                        | 2,733           |
| 1½.....                                                      | 16,666                    | 323           | 16,343         | 15,066         | 11,232        | 3,834         | 1,277         | 350          | 8.3                       | 188                 | 81                | 351                            | 308                                              | 124                                        | 690             |
| 2 or more.....                                               | 67,145                    | 1,832         | 65,314         | 60,079         | 49,551        | 10,528        | 5,235         | 1,051        | 9.0                       | 1,033               | 327               | 1,745                          | 1,078                                            | 2,506                                      | 5,399           |
| <b>Square Footage of Unit</b>                                |                           |               |                |                |               |               |               |              |                           |                     |                   |                                |                                                  |                                            |                 |
| Single detached and manu-<br>factured/mobile homes.....      | 92,023                    | 3,175         | 88,848         | 80,951         | 68,340        | 12,611        | 7,897         | 997          | 7.3                       | 1,371               | 478               | 2,536                          | 2,515                                            | 2,139                                      | 9,049           |
| Less than 500.....                                           | 973                       | 181           | 792            | 618            | 357           | 262           | 174           | 21           | 7.2                       | 5                   | 5                 | 84                             | 60                                               | 26                                         | 315             |
| 500 to 749.....                                              | 2,678                     | 429           | 2,250          | 1,818          | 1,079         | 739           | 432           | 68           | 8.4                       | 51                  | 7                 | 170                            | 137                                              | 9                                          | 1,023           |
| 750 to 999.....                                              | 6,529                     | 485           | 6,045          | 5,150          | 3,573         | 1,577         | 894           | 154          | 8.8                       | 95                  | 43                | 303                            | 298                                              | 36                                         | 2,020           |
| 1,000 to 1,499.....                                          | 20,919                    | 708           | 20,212         | 18,255         | 14,546        | 3,709         | 1,957         | 302          | 7.5                       | 308                 | 123               | 565                            | 658                                              | 294                                        | 2,898           |
| 1,500 to 1,999.....                                          | 20,560                    | 451           | 20,109         | 18,470         | 15,987        | 2,484         | 1,638         | 185          | 6.9                       | 330                 | 98                | 533                            | 492                                              | 473                                        | 1,279           |
| 2,000 to 2,499.....                                          | 14,343                    | 262           | 14,081         | 13,179         | 11,951        | 1,227         | 902           | 82           | 6.2                       | 196                 | 54                | 309                            | 262                                              | 342                                        | 387             |
| 2,500 to 2,999.....                                          | 7,553                     | 147           | 7,406          | 7,021          | 6,546         | 475           | 385           | 23           | 4.6                       | 111                 | 35                | 128                            | 88                                               | 249                                        | 112             |
| 3,000 to 3,999.....                                          | 7,225                     | 113           | 7,112          | 6,735          | 6,405         | 330           | 377           | 34           | 9.2                       | 98                  | 26                | 134                            | 85                                               | 329                                        | 65              |
| 4,000 or more.....                                           | 4,479                     | 135           | 4,344          | 4,034          | 3,789         | 245           | 310           | 32           | 11.6                      | 78                  | 27                | 98                             | 74                                               | 209                                        | 152             |
| Not reported.....                                            | 6,762                     | 264           | 6,498          | 5,671          | 4,108         | 1,563         | 827           | 96           | 5.7                       | 100                 | 60                | 211                            | 360                                              | 173                                        | 798             |
| <b>Median (square feet)</b> .....                            | <b>1,700</b>              | <b>1,200</b>  | <b>1,750</b>   | <b>1,800</b>   | <b>1,800</b>  | <b>1,301</b>  | <b>1,500</b>  | <b>1,250</b> | <b>X</b>                  | <b>1,700</b>        | <b>1,514</b>      | <b>1,500</b>                   | <b>1,400</b>                                     | <b>2,200</b>                               | <b>1,100</b>    |
| <b>Lot Size</b>                                              |                           |               |                |                |               |               |               |              |                           |                     |                   |                                |                                                  |                                            |                 |
| 1-unit structures¹.....                                      | 96,386                    | 3,189         | 93,197         | 84,896         | 70,218        | 14,677        | 8,301         | 1,202        | 7.5                       | 1,413               | 498               | 2,593                          | 2,595                                            | 2,285                                      | 8,888           |
| Less than 1/8 acre.....                                      | 15,638                    | 494           | 15,144         | 13,354         | 9,740         | 3,614         | 1,790         | 384          | 9.5                       | 271                 | 97                | 527                            | 511                                              | 339                                        | 2,206           |
| 1/8 up to 1/4 acre.....                                      | 25,011                    | 779           | 24,231         | 21,949         | 17,560        | 4,389         | 2,282         | 350          | 7.3                       | 436                 | 134               | 679                            | 684                                              | 528                                        | 1,480           |
| 1/4 up to 1/2 acre.....                                      | 17,705                    | 438           | 17,266         | 15,947         | 13,795        | 2,151         | 1,319         | 172          | 7.3                       | 254                 | 110               | 408                            | 376                                              | 453                                        | 792             |
| 1/2 up to 1 acre.....                                        | 11,321                    | 327           | 10,994         | 10,213         | 8,826         | 1,387         | 781           | 82           | 5.5                       | 157                 | 42                | 252                            | 247                                              | 229                                        | 778             |
| 1 up to 5 acres.....                                         | 19,076                    | 763           | 18,313         | 16,835         | 14,402        | 2,433         | 1,477         | 176          | 6.7                       | 198                 | 84                | 516                            | 503                                              | 522                                        | 2,551           |
| 5 up to 10 acres.....                                        | 3,037                     | 99            | 2,938          | 2,719          | 2,461         | 259           | 218           | 12           | 4.5                       | 27                  | 12                | 93                             | 75                                               | 92                                         | 541             |
| 10 acres or more.....                                        | 4,599                     | 288           | 4,310          | 3,877          | 3,433         | 444           | 433           | 27           | 5.6                       | 69                  | 19                | 119                            | 199                                              | 121                                        | 539             |
| <b>Median (acres)</b> .....                                  | <b>0.25</b>               | <b>0.32</b>   | <b>0.25</b>    | <b>0.26</b>    | <b>0.30</b>   | <b>0.19</b>   | <b>0.25</b>   | <b>0.16</b>  | <b>X</b>                  | <b>0.25</b>         | <b>0.25</b>       | <b>0.25</b>                    | <b>0.25</b>                                      | <b>0.32</b>                                | <b>0.45</b>     |
| <b>Selected Amenities²</b>                                   |                           |               |                |                |               |               |               |              |                           |                     |                   |                                |                                                  |                                            |                 |
| Porch, deck, balcony, or patio.....                          | 110,871                   | 3,334         | 107,537        | 97,550         | 69,885        | 27,665        | 9,988         | 2,474        | 8.1                       | 1,433               | 587               | 2,949                          | 2,545                                            | 2,726                                      | 7,753           |
| Telephone available.....                                     | 112,073                   | X             | 112,073        | 112,073        | 74,729        | 37,344        | X             | X            | X                         | X                   | X                 | X                              | X                                                | 2,360                                      | 6,989           |
| Usable fireplace.....                                        | 44,033                    | 938           | 43,095         | 40,371         | 34,700        | 5,672         | 2,724         | 431          | 7.0                       | 567                 | 174               | 932                            | 620                                              | 1,265                                      | 1,296           |
| Separate dining room.....                                    | 60,506                    | 996           | 59,510         | 54,923         | 43,300        | 11,623        | 4,587         | 1,110        | 8.7                       | 821                 | 290               | 1,105                          | 1,261                                            | 1,357                                      | 2,327           |
| With 2 or more living rooms or<br>recreation rooms, etc..... | 36,817                    | 472           | 36,345         | 34,576         | 31,242        | 3,334         | 1,769         | 209          | 5.8                       | 476                 | 125               | 550                            | 409                                              | 985                                        | 1,112           |
| <b>Vehicle Parking</b>                                       |                           |               |                |                |               |               |               |              |                           |                     |                   |                                |                                                  |                                            |                 |
| Garage or carport included with home.....                    | 83,333                    | 1,783         | 81,550         | 75,431         | 60,389        | 15,042        | 6,119         | 1,007        | 6.2                       | 1,174               | 403               | 1,971                          | 1,563                                            | 2,246                                      | 3,368           |
| Garage or carport not included with<br>home.....             | 48,818                    | 2,309         | 46,509         | 39,420         | 15,663        | 23,757        | 7,089         | 2,854        | 10.6                      | 523                 | 381               | 1,596                          | 1,735                                            | 844                                        | 5,654           |
| Driveway or off-street parking available.....                | 40,505                    | 1,978         | 38,528         | 32,759         | 13,719        | 19,039        | 5,769         | 2,331        | 10.8                      | 437                 | 316               | 1,362                          | 1,322                                            | 734                                        | 5,259           |
| Driveway or off-street parking not<br>available.....         | 8,278                     | 326           | 7,953          | 6,651          | 1,944         | 4,707         | 1,302         | 519          | 9.9                       | 83                  | 65                | 232                            | 403                                              | 110                                        | 392             |
| Driveway or off-street parking not<br>reported.....          | 35                        | 6             | 29             | 10             | Z             | 10            | 19            | 4            | 28.3                      | 4                   | Z                 | 2                              | 9                                                | Z                                          | 3               |
| Garage or carport not reported.....                          | 268                       | 41            | 228            | 56             | 39            | 17            | 171           | 45           | 72.3                      | 18                  | 2                 | 42                             | 65                                               | 21                                         | 27              |

<sup>1</sup> Does not include cooperatives or condominiums.<sup>2</sup> Figures may not add to total because more than one category may apply to a unit.

Table C-03-AH.

**Heating, Air Conditioning, and Appliances—All Housing Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                               | Total<br>housing<br>units | Sea-<br>sonal | Year-round     |                |               |               |               |              |                           |                     |                   |                                |                 | New<br>con-<br>struc-<br>tion<br>past 4<br>years | Manu-<br>fac-<br>tured/<br>mobile<br>homes |
|---------------------------------------------------------------|---------------------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------|---------------------------|---------------------|-------------------|--------------------------------|-----------------|--------------------------------------------------|--------------------------------------------|
|                                                               |                           |               | Total          | Occupied       |               |               | Vacant        |              |                           |                     |                   |                                |                 |                                                  |                                            |
|                                                               |                           |               |                | Total          | Owner         | Renter        | Total         | For<br>rent  | Rental<br>vacancy<br>rate | For<br>sale<br>only | Rented<br>or sold | Occa-<br>sional<br>use/<br>URE | Other<br>vacant |                                                  |                                            |
| <b>Total</b>                                                  | <b>132,419</b>            | <b>4,133</b>  | <b>128,286</b> | <b>114,907</b> | <b>76,091</b> | <b>38,816</b> | <b>13,379</b> | <b>3,906</b> | <b>9.1</b>                | <b>1,715</b>        | <b>786</b>        | <b>3,610</b>                   | <b>3,362</b>    | <b>3,111</b>                                     | <b>9,049</b>                               |
| <b>Units Using Each Fuel<sup>1</sup></b>                      |                           |               |                |                |               |               |               |              |                           |                     |                   |                                |                 |                                                  |                                            |
| Electricity                                                   | 130,031                   | 3,409         | 126,622        | 114,848        | 76,043        | 38,805        | 11,774        | 3,894        | 9.0                       | 1,507               | 701               | 3,248                          | 2,424           | 3,078                                            | 8,819                                      |
| Gas                                                           | 89,441                    | 1,808         | 87,633         | 79,509         | 54,682        | 24,827        | 8,123         | 2,638        | 9.5                       | 1,070               | 508               | 1,929                          | 1,979           | 1,874                                            | 4,324                                      |
| Fuel oil                                                      | 11,027                    | 174           | 10,853         | 9,217          | 6,198         | 3,018         | 1,636         | 981          | 24.0                      | 131                 | 118               | 241                            | 165             | 93                                               | 351                                        |
| Kerosene or other liquid fuel                                 | 661                       | 32            | 629            | 551            | 369           | 181           | 78            | 15           | 7.7                       | 7                   | 7                 | 30                             | 20              | 7                                                | 243                                        |
| Coal or coke                                                  | 108                       | 7             | 101            | 82             | 68            | 14            | 20            | 2            | 11.5                      | Z                   | Z                 | 4                              | 14              | Z                                                | 6                                          |
| Wood                                                          | 2,469                     | 310           | 2,158          | 1,977          | 1,699         | 278           | 182           | 9            | 3.0                       | 6                   | 4                 | 69                             | 93              | 45                                               | 280                                        |
| Solar energy                                                  | 176                       | 7             | 170            | 156            | 134           | 22            | 13            | Z            | 0.7                       | 2                   | 2                 | 6                              | 3               | 8                                                | 2                                          |
| Other                                                         | 738                       | 56            | 682            | 493            | 325           | 167           | 190           | 35           | 16.8                      | 15                  | 17                | 43                             | 81              | 32                                               | 60                                         |
| All electric units                                            | 38,513                    | 1,792         | 36,721         | 31,674         | 18,269        | 13,405        | 5,046         | 1,674        | 11.0                      | 568                 | 267               | 1,564                          | 972             | 1,276                                            | 4,423                                      |
| <b>Main Heating Equipment</b>                                 |                           |               |                |                |               |               |               |              |                           |                     |                   |                                |                 |                                                  |                                            |
| Warm-air furnace                                              | 83,759                    | 1,952         | 81,808         | 73,687         | 51,672        | 22,015        | 8,120         | 2,400        | 9.7                       | 1,170               | 485               | 2,071                          | 1,995           | 2,108                                            | 6,405                                      |
| Steam or hot water system                                     | 13,965                    | 197           | 13,768         | 12,624         | 7,365         | 5,259         | 1,144         | 410          | 7.1                       | 142                 | 92                | 247                            | 254             | 90                                               | 30                                         |
| Electric heat pump                                            | 16,006                    | 659           | 15,347         | 13,523         | 9,782         | 3,741         | 1,823         | 505          | 11.8                      | 241                 | 91                | 672                            | 315             | 634                                              | 1,372                                      |
| Built-in electric units                                       | 5,863                     | 309           | 5,554          | 4,865          | 1,999         | 2,867         | 688           | 251          | 8.0                       | 56                  | 37                | 216                            | 128             | 96                                               | 86                                         |
| Floor, wall, or other built-in hot-air units<br>without ducts | 5,182                     | 132           | 5,050          | 4,505          | 1,808         | 2,697         | 544           | 190          | 6.5                       | 55                  | 40                | 124                            | 136             | 73                                               | 210                                        |
| Room heaters with flue                                        | 1,102                     | 53            | 1,049          | 932            | 555           | 377           | 117           | 33           | 7.9                       | 4                   | 10                | 37                             | 33              | 20                                               | 65                                         |
| Room heaters without flue                                     | 1,291                     | 41            | 1,250          | 1,094          | 629           | 465           | 156           | 22           | 4.4                       | 4                   | 3                 | 45                             | 82              | 3                                                | 151                                        |
| Portable electric heaters                                     | 1,685                     | 111           | 1,575          | 1,431          | 720           | 711           | 144           | 31           | 4.1                       | 14                  | Z                 | 42                             | 57              | 6                                                | 337                                        |
| Stoves                                                        | 1,417                     | 226           | 1,192          | 1,067          | 879           | 188           | 125           | 3            | 1.7                       | 6                   | Z                 | 51                             | 64              | 30                                               | 179                                        |
| Fireplaces with inserts                                       | 210                       | 19            | 191            | 176            | 165           | 10            | 16            | 1            | 8.0                       | 4                   | 2                 | 1                              | 9               | 4                                                | 1                                          |
| Fireplaces without inserts                                    | 127                       | 40            | 87             | 63             | 46            | 17            | 24            | 4            | 17.6                      | Z                   | 3                 | 9                              | 8               | Z                                                | 4                                          |
| Cooking stove                                                 | 97                        | 4             | 93             | 90             | 37            | 53            | 4             | Z            | 0.3                       | Z                   | Z                 | 2                              | 2               | Z                                                | 15                                         |
| Other                                                         | 663                       | 109           | 554            | 381            | 220           | 162           | 173           | 32           | 16.0                      | 6                   | 10                | 34                             | 91              | 13                                               | 73                                         |
| None                                                          | 1,052                     | 281           | 770            | 468            | 215           | 253           | 302           | 26           | 9.0                       | 14                  | 16                | 57                             | 190             | 34                                               | 119                                        |
| <b>Main House Heating Fuel</b>                                |                           |               |                |                |               |               |               |              |                           |                     |                   |                                |                 |                                                  |                                            |
| Housing units with heating<br>fuel                            | 131,368                   | 3,851         | 127,516        | 114,439        | 75,876        | 38,563        | 13,077        | 3,880        | 9.1                       | 1,701               | 770               | 3,553                          | 3,173           | 3,077                                            | 8,930                                      |
| Electricity                                                   | 48,330                    | 1,986         | 46,344         | 40,385         | 22,901        | 17,484        | 5,959         | 2,016        | 10.3                      | 681                 | 313               | 1,810                          | 1,138           | 1,591                                            | 4,892                                      |
| Piped gas                                                     | 63,791                    | 734           | 63,058         | 57,721         | 40,657        | 17,064        | 5,337         | 1,555        | 8.3                       | 817                 | 373               | 1,118                          | 1,473           | 1,204                                            | 1,916                                      |
| Bottled gas                                                   | 6,780                     | 579           | 6,201          | 5,415          | 4,540         | 875           | 785           | 83           | 8.6                       | 87                  | 30                | 343                            | 242             | 159                                              | 1,335                                      |
| Fuel oil                                                      | 8,867                     | 157           | 8,710          | 8,061          | 5,490         | 2,571         | 649           | 183          | 6.6                       | 98                  | 40                | 165                            | 163             | 49                                               | 226                                        |
| Kerosene or other liquid fuel                                 | 643                       | 32            | 611            | 538            | 357           | 181           | 73            | 15           | 7.7                       | 4                   | 6                 | 30                             | 19              | 7                                                | 240                                        |
| Coal or coke                                                  | 105                       | 7             | 98             | 79             | 65            | 14            | 20            | 2            | 11.7                      | Z                   | Z                 | 4                              | 14              | Z                                                | 6                                          |
| Wood                                                          | 2,442                     | 304           | 2,139          | 1,971          | 1,694         | 278           | 167           | 7            | 2.4                       | 6                   | 2                 | 68                             | 85              | 45                                               | 274                                        |
| Solar energy                                                  | 26                        | 7             | 19             | 14             | 10            | 5             | 4             | Z            | 1.1                       | 1                   | 2                 | Z                              | 1               | 3                                                | 2                                          |
| Other                                                         | 383                       | 46            | 337            | 255            | 164           | 91            | 82            | 19           | 16.8                      | 8                   | 3                 | 15                             | 38              | 18                                               | 38                                         |
| <b>Other Heating Equipment<sup>1</sup></b>                    |                           |               |                |                |               |               |               |              |                           |                     |                   |                                |                 |                                                  |                                            |
| Warm-air furnace                                              | 269                       | 2             | 266            | 255            | 226           | 29            | 12            | Z            | 0.8                       | 2                   | Z                 | 7                              | 2               | 7                                                | 26                                         |
| Steam or hot water system                                     | 47                        | Z             | 47             | 40             | 35            | 4             | 7             | 2            | 20.7                      | 4                   | 2                 | Z                              | Z               | 3                                                | Z                                          |
| Electric heat pump                                            | 89                        | Z             | 89             | 83             | 52            | 31            | 6             | 1            | 3.2                       | Z                   | Z                 | 4                              | Z               | Z                                                | 2                                          |
| Built-in electric units                                       | 2,423                     | 55            | 2,368          | 2,233          | 1,736         | 497           | 135           | 35           | 6.5                       | 5                   | 12                | 49                             | 33              | 32                                               | 104                                        |
| Floor, wall, or other built-in hot-air units<br>without ducts | 84                        | 4             | 80             | 72             | 58            | 14            | 8             | 2            | 11.8                      | Z                   | 4                 | 2                              | Z               | Z                                                | 5                                          |
| Room heaters with flue                                        | 836                       | 18            | 818            | 791            | 696           | 95            | 27            | 5            | 4.7                       | 4                   | Z                 | 12                             | 7               | 8                                                | 96                                         |
| Room heaters without flue                                     | 1,562                     | 6             | 1,556          | 1,516          | 1,235         | 280           | 40            | 2            | 0.7                       | 6                   | 5                 | 18                             | 10              | 6                                                | 211                                        |
| Portable electric heaters                                     | 16,204                    | 213           | 15,991         | 15,584         | 10,889        | 4,694         | 407           | 99           | 2.1                       | 50                  | 21                | 157                            | 82              | 195                                              | 1,305                                      |
| Stoves                                                        | 4,478                     | 215           | 4,263          | 4,042          | 3,624         | 418           | 221           | 13           | 3.0                       | 32                  | 7                 | 126                            | 43              | 42                                               | 341                                        |
| Fireplaces with inserts                                       | 5,630                     | 137           | 5,494          | 5,273          | 4,730         | 543           | 221           | 27           | 4.7                       | 47                  | 14                | 102                            | 31              | 225                                              | 357                                        |
| Fireplaces without inserts                                    | 6,402                     | 94            | 6,307          | 5,998          | 4,850         | 1,148         | 309           | 66           | 5.4                       | 57                  | 24                | 78                             | 84              | 210                                              | 231                                        |
| Cooking stove                                                 | 87                        | Z             | 87             | 82             | 50            | 31            | 6             | 1            | 3.2                       | Z                   | Z                 | 4                              | Z               | Z                                                | 2                                          |
| Other                                                         | 852                       | 12            | 840            | 810            | 696           | 114           | 30            | 5            | 4.0                       | 5                   | 2                 | 16                             | 3               | 19                                               | 55                                         |
| None                                                          | 93,038                    | 2,599         | 90,439         | 80,959         | 49,983        | 30,975        | 9,481         | 3,268        | 9.5                       | 1,226               | 599               | 2,420                          | 1,968           | 2,269                                            | 6,000                                      |
| <b>Air Conditioning<sup>2</sup></b>                           |                           |               |                |                |               |               |               |              |                           |                     |                   |                                |                 |                                                  |                                            |
| Central                                                       | 85,251                    | 1,966         | 83,285         | 75,748         | 55,133        | 20,615        | 7,537         | 2,207        | 9.6                       | 1,184               | 413               | 2,212                          | 1,522           | 2,650                                            | 5,644                                      |
| Additional central                                            | 7,159                     | 145           | 7,014          | 6,466          | 5,278         | 1,188         | 548           | 127          | 9.6                       | 79                  | 26                | 192                            | 124             | 323                                              | 386                                        |
| Room (air conditioning) units:                                |                           |               |                |                |               |               |               |              |                           |                     |                   |                                |                 |                                                  |                                            |
| 1 unit                                                        | 13,379                    | 331           | 13,047         | 11,923         | 5,101         | 6,822         | 1,124         | 432          | 5.9                       | 71                  | 54                | 295                            | 272             | 103                                              | 958                                        |
| 2 units                                                       | 9,069                     | 162           | 8,908          | 8,474          | 4,810         | 3,664         | 434           | 138          | 3.6                       | 39                  | 26                | 137                            | 94              | 36                                               | 866                                        |
| 3 units or more                                               | 5,859                     | 72            | 5,787          | 5,637          | 3,913         | 1,724         | 150           | 38           | 2.1                       | 11                  | 10                | 55                             | 36              | 6                                                | 401                                        |
| <b>Central Air Conditioning Fuel</b>                          |                           |               |                |                |               |               |               |              |                           |                     |                   |                                |                 |                                                  |                                            |
| With central air conditioning                                 | 85,251                    | 1,966         | 83,285         | 75,748         | 55,133        | 20,615        | 7,537         | 2,207        | 9.6                       | 1,184               | 413               | 2,212                          | 1,522           | 2,650                                            | 5,644                                      |
| Electricity                                                   | 83,150                    | 1,925         | 81,225         | 73,874         | 53,661        | 20,213        | 7,351         | 2,173        | 9.6                       | 1,154               | 400               | 2,148                          | 1,476           | 2,581                                            | 5,562                                      |
| Gas                                                           | 2,000                     | 40            | 1,960          | 1,785          | 1,397         | 389           | 175           | 32           | 7.5                       | 30                  | 11                | 56                             | 46              | 62                                               | 80                                         |
| Other                                                         | 101                       | Z             | 101            | 88             | 75            | 14            | 12            | 2            | 15.3                      | Z                   | 2                 | 8                              | Z               | 7                                                | 3                                          |

See footnotes at end of table.

Table C-03-AH.

**Heating, Air Conditioning, and Appliances—All Housing Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                              | Total<br>housing<br>units | Sea-<br>sonal | Year-round |          |        |        |        |             |                           |                     |                   |                                |                 | New<br>con-<br>struc-<br>tion<br>past 4<br>years | Manu-<br>fac-<br>tured/<br>mobile<br>homes |  |
|------------------------------------------------------------------------------|---------------------------|---------------|------------|----------|--------|--------|--------|-------------|---------------------------|---------------------|-------------------|--------------------------------|-----------------|--------------------------------------------------|--------------------------------------------|--|
|                                                                              |                           |               | Total      | Occupied |        |        | Vacant |             |                           |                     |                   |                                |                 |                                                  |                                            |  |
|                                                                              |                           |               |            | Total    | Owner  | Renter | Total  | For<br>rent | Rental<br>vacancy<br>rate | For<br>sale<br>only | Rented<br>or sold | Occa-<br>sional<br>use/<br>URE | Other<br>vacant |                                                  |                                            |  |
| Other Central Air Fuel                                                       |                           |               |            |          |        |        |        |             |                           |                     |                   |                                |                 |                                                  |                                            |  |
| With other central air . . . . .                                             | 7,159                     | 145           | 7,014      | 6,466    | 5,278  | 1,188  | 548    | 127         | 9.6                       | 79                  | 26                | 192                            | 124             | 323                                              | 386                                        |  |
| Electricity . . . . .                                                        | 6,941                     | 135           | 6,806      | 6,265    | 5,108  | 1,157  | 541    | 127         | 9.8                       | 78                  | 26                | 189                            | 122             | 315                                              | 381                                        |  |
| Gas . . . . .                                                                | 200                       | 10            | 190        | 183      | 152    | 31     | 7      | Z           | 1.3                       | 1                   | Z                 | 3                              | 2               | 8                                                | 3                                          |  |
| Other . . . . .                                                              | 18                        | Z             | 18         | 18       | 18     | Z      | Z      | Z           | Z                         | Z                   | Z                 | Z                              | Z               | Z                                                | 2                                          |  |
| Water Heating Fuel                                                           |                           |               |            |          |        |        |        |             |                           |                     |                   |                                |                 |                                                  |                                            |  |
| With hot piped water . . . . .                                               | 130,870                   | 3,675         | 127,194    | 114,718  | 75,996 | 38,722 | 12,477 | 3,818       | 8.9                       | 1,648               | 753               | 3,501                          | 2,757           | 3,089                                            | 8,811                                      |  |
| Electricity . . . . .                                                        | 56,246                    | 2,451         | 53,794     | 47,322   | 29,633 | 17,690 | 6,472  | 1,969       | 9.9                       | 786                 | 343               | 2,091                          | 1,283           | 1,656                                            | 6,633                                      |  |
| Gas . . . . .                                                                | 68,912                    | 1,115         | 67,797     | 62,242   | 42,988 | 19,254 | 5,555  | 1,724       | 8.1                       | 807                 | 370               | 1,290                          | 1,365           | 1,390                                            | 2,125                                      |  |
| Fuel oil . . . . .                                                           | 5,115                     | 74            | 5,041      | 4,722    | 3,040  | 1,682  | 319    | 104         | 5.8                       | 48                  | 25                | 93                             | 49              | 18                                               | 14                                         |  |
| Solar energy . . . . .                                                       | 163                       | 7             | 157        | 147      | 126    | 20     | 10     | Z           | 0.8                       | 2                   | Z                 | 6                              | 1               | 8                                                | Z                                          |  |
| Other . . . . .                                                              | 434                       | 29            | 405        | 285      | 209    | 76     | 120    | 21          | 21.3                      | 5                   | 15                | 21                             | 59              | 16                                               | 39                                         |  |
| Kitchen and Laundry Equipment¹                                               |                           |               |            |          |        |        |        |             |                           |                     |                   |                                |                 |                                                  |                                            |  |
| With complete kitchen (sink,<br>refrigerator, and oven or burners) . . . . . | 126,544                   | 3,538         | 123,006    | 112,898  | 75,642 | 37,256 | 10,108 | 3,170       | 7.8                       | 1,146               | 561               | 3,261                          | 1,970           | 2,990                                            | 8,631                                      |  |
| Lacking complete kitchen facilities. . . . .                                 | 5,875                     | 595           | 5,281      | 2,010    | 450    | 1,560  | 3,271  | 736         | 31.5                      | 569                 | 225               | 349                            | 1,392           | 122                                              | 418                                        |  |
| Kitchen sink . . . . .                                                       | 131,020                   | 3,851         | 127,169    | 114,581  | 75,954 | 38,628 | 12,587 | 3,773       | 8.8                       | 1,651               | 725               | 3,500                          | 2,938           | 3,080                                            | 8,925                                      |  |
| Disposal in kitchen sink . . . . .                                           | 65,976                    | 1,487         | 64,489     | 58,958   | 40,715 | 18,243 | 5,531  | 1,800       | 8.9                       | 839                 | 315               | 1,615                          | 961             | 2,249                                            | 1,477                                      |  |
| Refrigerator . . . . .                                                       | 128,658                   | 3,648         | 125,010    | 114,567  | 75,916 | 38,651 | 10,443 | 3,326       | 7.9                       | 1,163               | 581               | 3,322                          | 2,052           | 3,031                                            | 8,689                                      |  |
| Cooking stove or range . . . . .                                             | 128,898                   | 3,651         | 125,247    | 114,079  | 75,796 | 38,283 | 11,168 | 3,499       | 8.3                       | 1,411               | 637               | 3,353                          | 2,268           | 3,037                                            | 8,686                                      |  |
| Burners, no stove or range . . . . .                                         | 246                       | 16            | 229        | 213      | 97     | 116    | 17     | 7           | 5.9                       | 1                   | Z                 | 6                              | 3               | 1                                                | 31                                         |  |
| Microwave oven only . . . . .                                                | 600                       | 38            | 563        | 450      | 156    | 294    | 112    | 28          | 8.5                       | 17                  | 10                | 25                             | 34              | 22                                               | 62                                         |  |
| Dishwasher . . . . .                                                         | 85,831                    | 2,037         | 83,795     | 77,069   | 57,759 | 19,310 | 6,725  | 1,935       | 9.0                       | 1,099               | 432               | 2,079                          | 1,180           | 2,781                                            | 4,243                                      |  |
| Trash compactor . . . . .                                                    | 4,349                     | 156           | 4,193      | 3,777    | 2,982  | 796    | 416    | 91          | 10.1                      | 86                  | 24                | 136                            | 78              | 195                                              | 75                                         |  |
| Washing machine . . . . .                                                    | 103,435                   | 2,350         | 101,085    | 95,567   | 73,624 | 21,943 | 5,518  | 994         | 4.3                       | 692                 | 255               | 2,353                          | 1,225           | 2,716                                            | 7,625                                      |  |
| Clothes dryer . . . . .                                                      | 100,642                   | 2,276         | 98,367     | 93,052   | 72,397 | 20,655 | 5,314  | 959         | 4.4                       | 665                 | 253               | 2,279                          | 1,158           | 2,686                                            | 7,301                                      |  |
| Cooking Fuel                                                                 |                           |               |            |          |        |        |        |             |                           |                     |                   |                                |                 |                                                  |                                            |  |
| With cooking fuel. . . . .                                                   | 129,708                   | 3,700         | 126,008    | 114,729  | 76,044 | 38,685 | 11,279 | 3,533       | 8.3                       | 1,427               | 647               | 3,382                          | 2,290           | 3,060                                            | 8,773                                      |  |
| Electricity . . . . .                                                        | 79,278                    | 2,691         | 76,587     | 68,879   | 45,154 | 23,724 | 7,709  | 2,543       | 9.6                       | 959                 | 447               | 2,300                          | 1,460           | 1,922                                            | 5,703                                      |  |
| Gas . . . . .                                                                | 50,289                    | 992           | 49,297     | 45,759   | 30,802 | 14,957 | 3,538  | 988         | 6.2                       | 460                 | 192               | 1,073                          | 825             | 1,134                                            | 3,055                                      |  |
| Other . . . . .                                                              | 141                       | 17            | 124        | 92       | 88     | 3      | 32     | 2           | 31.3                      | 7                   | 8                 | 10                             | 6               | 4                                                | 16                                         |  |
| Clothes Dryer Fuel                                                           |                           |               |            |          |        |        |        |             |                           |                     |                   |                                |                 |                                                  |                                            |  |
| With clothes dryer . . . . .                                                 | 100,642                   | 2,276         | 98,367     | 93,052   | 72,397 | 20,655 | 5,314  | 959         | 4.4                       | 665                 | 253               | 2,279                          | 1,158           | 2,686                                            | 7,301                                      |  |
| Electricity . . . . .                                                        | 79,123                    | 1,941         | 77,183     | 72,693   | 55,333 | 17,359 | 4,490  | 848         | 4.6                       | 541                 | 208               | 1,945                          | 948             | 2,239                                            | 6,661                                      |  |
| Gas . . . . .                                                                | 21,460                    | 335           | 21,125     | 20,306   | 17,032 | 3,274  | 819    | 111         | 3.3                       | 123                 | 46                | 331                            | 209             | 446                                              | 640                                        |  |
| Other . . . . .                                                              | 59                        | Z             | 59         | 54       | 32     | 22     | 5      | Z           | 1.0                       | 2                   | Z                 | 3                              | Z               | 1                                                | Z                                          |  |

<sup>1</sup> Figures may not add to total because more than one category may apply to a unit.<sup>2</sup> Includes only those who responded they had some type of air conditioning.

Table C-01-AO.

**General Housing Data—All Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                 | Total occupied units | Tenure        |               | Housing unit characteristics  |                           | Household characteristics |               |                             |                     | Regions       |               |               |               | Inside MSA    |                  | Outside MSA   |
|-----------------------------------------------------------------|----------------------|---------------|---------------|-------------------------------|---------------------------|---------------------------|---------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                                 |                      | Owner         | Renter        | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic      | Elderly (65 years and over) | Below poverty level | North-east    | Mid-west      | South         | West          | Central city  | Not central city |               |
| <b>Sample size (number)</b> . . . . .                           | <b>134,918</b>       | <b>82,418</b> | <b>52,500</b> | <b>2,983</b>                  | <b>4,736</b>              | <b>19,469</b>             | <b>16,996</b> | <b>29,263</b>               | <b>22,545</b>       | <b>18,775</b> | <b>32,305</b> | <b>41,315</b> | <b>42,523</b> | <b>44,309</b> | <b>76,966</b>    | <b>13,643</b> |
| <b>Total</b> . . . . .                                          | <b>114,907</b>       | <b>76,091</b> | <b>38,816</b> | <b>2,571</b>                  | <b>7,190</b>              | <b>14,694</b>             | <b>13,841</b> | <b>25,058</b>               | <b>18,129</b>       | <b>21,066</b> | <b>25,682</b> | <b>42,584</b> | <b>25,575</b> | <b>33,892</b> | <b>58,218</b>    | <b>22,797</b> |
| <b>Units in Structure</b>                                       |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| 1, detached . . . . .                                           | 73,761               | 62,662        | 11,099        | 1,664                         | X                         | 7,103                     | 7,120         | 17,368                      | 7,718               | 11,399        | 18,103        | 28,331        | 15,928        | 17,182        | 40,028           | 16,551        |
| 1, attached . . . . .                                           | 6,744                | 4,090         | 2,654         | 210                           | X                         | 1,286                     | 806           | 1,428                       | 1,100               | 1,841         | 1,073         | 2,286         | 1,545         | 2,605         | 3,656            | 483           |
| 2 to 4 . . . . .                                                | 8,956                | 1,419         | 7,537         | 87                            | X                         | 1,848                     | 1,659         | 1,260                       | 2,469               | 2,847         | 1,971         | 2,162         | 1,976         | 4,260         | 3,394            | 1,302         |
| 5 to 9 . . . . .                                                | 5,410                | 583           | 4,827         | 58                            | X                         | 1,279                     | 1,078         | 624                         | 1,572               | 1,007         | 1,045         | 1,881         | 1,477         | 2,418         | 2,494            | 497           |
| 10 to 19 . . . . .                                              | 5,032                | 518           | 4,514         | 66                            | X                         | 1,127                     | 909           | 536                         | 1,261               | 851           | 979           | 1,908         | 1,294         | 2,099         | 2,528            | 405           |
| 20 to 49 . . . . .                                              | 3,665                | 408           | 3,257         | 145                           | X                         | 656                       | 773           | 627                         | 1,088               | 996           | 641           | 1,011         | 1,016         | 1,952         | 1,448            | 264           |
| 50 or more . . . . .                                            | 4,150                | 734           | 3,415         | 171                           | X                         | 801                       | 655           | 1,413                       | 1,104               | 1,527         | 782           | 950           | 890           | 2,739         | 1,283            | 128           |
| Manufactured/mobile home or trailer . . . . .                   | 7,190                | 5,678         | 1,512         | 170                           | 7,190                     | 595                       | 841           | 1,802                       | 1,816               | 597           | 1,088         | 4,056         | 1,449         | 638           | 3,386            | 3,167         |
| <b>Cooperatives and Condominiums</b>                            |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Cooperatives . . . . .                                          | 714                  | 514           | 200           | 5                             | 64                        | 100                       | 84            | 223                         | 108                 | 438           | 86            | 125           | 65            | 443           | 223              | 48            |
| Condominiums . . . . .                                          | 7,345                | 4,404         | 2,941         | 210                           | 13                        | 788                       | 948           | 1,782                       | 984                 | 1,505         | 1,428         | 2,399         | 2,013         | 2,473         | 4,421            | 451           |
| <b>Year Structure Built<sup>1,2</sup></b>                       |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| 2010 to 2014 . . . . .                                          | 550                  | 403           | 147           | 550                           | 13                        | 64                        | 57            | 48                          | 56                  | 53            | 95            | 285           | 117           | 184           | 214              | 152           |
| 2005 to 2009 . . . . .                                          | 7,098                | 5,182         | 1,917         | 2,021                         | 472                       | 885                       | 738           | 760                         | 762                 | 689           | 1,153         | 3,513         | 1,744         | 2,012         | 3,710            | 1,376         |
| 2000 to 2004 . . . . .                                          | 8,206                | 6,319         | 1,887         | X                             | 762                       | 826                       | 837           | 1,367                       | 850                 | 718           | 1,702         | 3,808         | 1,978         | 1,786         | 4,881            | 1,539         |
| 1995 to 1999 . . . . .                                          | 7,906                | 6,045         | 1,861         | X                             | 1,488                     | 805                       | 732           | 1,571                       | 974                 | 695           | 1,625         | 3,765         | 1,821         | 1,399         | 4,755            | 1,751         |
| 1990 to 1994 . . . . .                                          | 6,264                | 4,766         | 1,498         | X                             | 874                       | 561                       | 631           | 1,191                       | 758                 | 651           | 1,392         | 2,627         | 1,595         | 1,191         | 3,748            | 1,325         |
| 1985 to 1989 . . . . .                                          | 7,889                | 5,176         | 2,714         | X                             | 756                       | 841                       | 880           | 1,593                       | 1,084               | 1,181         | 1,377         | 3,324         | 2,008         | 1,663         | 5,073            | 1,154         |
| 1980 to 1984 . . . . .                                          | 6,605                | 4,135         | 2,470         | X                             | 746                       | 929                       | 794           | 1,434                       | 1,159               | 678           | 1,026         | 3,351         | 1,549         | 1,572         | 3,769            | 1,263         |
| 1975 to 1979 . . . . .                                          | 11,805               | 7,298         | 4,507         | X                             | 747                       | 1,356                     | 1,576         | 2,641                       | 2,105               | 1,525         | 2,629         | 4,656         | 2,995         | 3,172         | 5,897            | 2,736         |
| 1970 to 1974 . . . . .                                          | 9,535                | 5,608         | 3,927         | X                             | 749                       | 1,401                     | 1,270         | 2,430                       | 1,769               | 1,411         | 2,002         | 3,778         | 2,344         | 2,736         | 4,931            | 1,868         |
| 1960 to 1969 . . . . .                                          | 13,596               | 8,679         | 4,917         | X                             | 422                       | 1,978                     | 1,695         | 3,781                       | 2,313               | 2,552         | 2,997         | 4,893         | 3,154         | 4,073         | 7,253            | 2,270         |
| 1950 to 1959 . . . . .                                          | 11,905               | 8,548         | 3,357         | X                             | 67                        | 1,641                     | 1,644         | 3,247                       | 1,820               | 2,590         | 3,083         | 3,606         | 2,626         | 4,059         | 5,885            | 1,961         |
| 1940 to 1949 . . . . .                                          | 6,624                | 4,172         | 2,451         | X                             | 44                        | 1,080                     | 1,075         | 1,545                       | 1,363               | 1,687         | 1,412         | 2,092         | 1,433         | 2,603         | 2,698            | 1,323         |
| 1930 to 1939 . . . . .                                          | 4,705                | 2,697         | 2,008         | X                             | 48                        | 816                       | 636           | 958                         | 906                 | 1,460         | 1,231         | 1,199         | 814           | 2,138         | 1,562            | 1,005         |
| 1920 to 1929 . . . . .                                          | 4,612                | 2,598         | 2,014         | X                             | X                         | 704                       | 596           | 847                         | 855                 | 1,737         | 1,413         | 710           | 753           | 2,369         | 1,375            | 869           |
| 1919 or earlier . . . . .                                       | 7,607                | 4,467         | 3,141         | X                             | X                         | 808                       | 680           | 1,645                       | 1,356               | 3,441         | 2,545         | 977           | 645           | 2,934         | 2,467            | 2,206         |
| <b>Median (year)</b> . . . . .                                  | <b>1974</b>          | <b>1976</b>   | <b>1972</b>   | <b>2008</b>                   | <b>1990</b>               | <b>1971</b>               | <b>1972</b>   | <b>1971</b>                 | <b>1971</b>         | <b>1959</b>   | <b>1970</b>   | <b>1979</b>   | <b>1977</b>   | <b>1967</b>   | <b>1977</b>      | <b>1975</b>   |
| <b>Stories in Structure<sup>3</sup></b>                         |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| 1 . . . . .                                                     | 36,540               | 26,072        | 10,468        | 695                           | X                         | 4,706                     | 5,867         | 9,483                       | 6,019               | 1,195         | 4,149         | 20,373        | 10,823        | 10,101        | 17,782           | 8,657         |
| 2 . . . . .                                                     | 38,677               | 24,933        | 13,744        | 937                           | X                         | 4,789                     | 4,220         | 7,492                       | 5,594               | 6,226         | 10,415        | 12,244        | 9,792         | 10,898        | 20,813           | 6,966         |
| 3 . . . . .                                                     | 24,940               | 16,538        | 8,401         | 557                           | X                         | 3,250                     | 1,859         | 4,525                       | 3,100               | 8,993         | 8,582         | 4,668         | 2,697         | 7,669         | 13,701           | 3,570         |
| 4 to 6 . . . . .                                                | 5,511                | 2,367         | 3,144         | 139                           | X                         | 910                       | 773           | 1,087                       | 1,056               | 3,012         | 1,084         | 793           | 623           | 2,993         | 2,109            | 410           |
| 7 or more . . . . .                                             | 2,049                | 502           | 1,547         | 74                            | X                         | 444                       | 281           | 669                         | 543                 | 1,043         | 364           | 451           | 191           | 1,594         | 427              | 28            |
| <b>Stories Between Main and Apartment Entrances<sup>3</sup></b> |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Multiunits, 2 or more floors . . . . .                          | 23,870               | 3,369         | 20,502        | 482                           | X                         | 4,991                     | 4,366         | 3,766                       | 6,342               | 7,033         | 4,843         | 6,465         | 5,528         | 12,306        | 9,713            | 1,851         |
| None (on same floor) . . . . .                                  | 8,248                | 1,156         | 7,092         | 125                           | X                         | 1,647                     | 1,460         | 1,289                       | 2,181               | 2,154         | 1,696         | 2,346         | 2,052         | 3,875         | 3,572            | 801           |
| 1 (up or down) . . . . .                                        | 6,764                | 955           | 5,809         | 100                           | X                         | 1,417                     | 1,267         | 860                         | 1,776               | 1,834         | 1,410         | 1,865         | 1,655         | 3,190         | 2,997            | 576           |
| 2 or more (up or down) . . . . .                                | 8,859                | 1,258         | 7,601         | 257                           | X                         | 1,926                     | 1,639         | 1,617                       | 2,384               | 3,045         | 1,737         | 2,255         | 1,822         | 5,241         | 3,143            | 475           |
| <b>Elevator on Floor<sup>3</sup></b>                            |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Multiunits, 2 or more floors . . . . .                          | 23,870               | 3,369         | 20,502        | 482                           | X                         | 4,991                     | 4,366         | 3,766                       | 6,342               | 7,033         | 4,843         | 6,465         | 5,528         | 12,306        | 9,713            | 1,851         |
| With at least 1 working elevator . . . . .                      | 4,204                | 946           | 3,258         | 175                           | X                         | 752                       | 588           | 1,479                       | 1,026               | 1,733         | 832           | 851           | 787           | 2,763         | 1,327            | 114           |
| With at least 1 elevator, none in working condition . . . . .   | 26                   | 1             | 25            | Z                             | X                         | 5                         | 12            | 15                          | 14                  | 13            | 1             | 2             | 10            | 21            | 5                | Z             |
| No elevator . . . . .                                           | 19,640               | 2,422         | 17,219        | 306                           | X                         | 4,234                     | 3,766         | 2,272                       | 5,302               | 5,287         | 4,010         | 5,612         | 4,731         | 9,522         | 8,381            | 1,737         |
| Multiunits, 3 or more floors from main entrance . . . . .       | 1,484                | 119           | 1,365         | 34                            | X                         | 375                       | 316           | 127                         | 401                 | 691           | 311           | 297           | 185           | 948           | 464              | 72            |
| <b>Foundation<sup>3</sup></b>                                   |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| 1-unit buildings . . . . .                                      | 80,505               | 66,752        | 13,753        | 1,874                         | X                         | 8,389                     | 7,926         | 18,795                      | 8,818               | 13,240        | 19,176        | 30,616        | 17,473        | 19,787        | 43,684           | 17,034        |
| With basement under all of building . . . . .                   | 26,288               | 22,987        | 3,301         | 463                           | X                         | 2,521                     | 1,204         | 6,202                       | 2,368               | 8,801         | 11,314        | 4,083         | 2,089         | 6,184         | 14,691           | 5,414         |
| With basement under part of building . . . . .                  | 8,505                | 7,516         | 990           | 89                            | X                         | 459                       | 351           | 2,117                       | 646                 | 2,343         | 3,364         | 1,597         | 1,202         | 1,580         | 4,659            | 2,267         |
| With crawl space . . . . .                                      | 17,766               | 14,289        | 3,477         | 319                           | X                         | 1,834                     | 1,686         | 4,351                       | 2,261               | 688           | 2,553         | 9,204         | 5,321         | 4,061         | 8,070            | 5,635         |
| On concrete slab . . . . .                                      | 26,663               | 21,013        | 5,651         | 984                           | X                         | 3,445                     | 4,497         | 5,721                       | 3,263               | 1,310         | 1,751         | 14,993        | 8,610         | 7,646         | 15,595           | 3,422         |
| Other . . . . .                                                 | 1,282                | 949           | 334           | 20                            | X                         | 130                       | 189           | 404                         | 280                 | 98            | 194           | 740           | 250           | 316           | 669              | 297           |

See footnotes at end of table.

Table C-01-AO.

**General Housing Data—All Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                       | Total<br>occupied<br>units | Tenure |        | Housing unit<br>characteristics                  |                                       | Household characteristics |               |                                         |                           | Regions        |              |       |       | Inside MSA      |                        | Outside<br>MSA |
|-------------------------------------------------------|----------------------------|--------|--------|--------------------------------------------------|---------------------------------------|---------------------------|---------------|-----------------------------------------|---------------------------|----------------|--------------|-------|-------|-----------------|------------------------|----------------|
|                                                       |                            | Owner  | Renter | New<br>con-<br>struc-<br>tion<br>past 4<br>years | Manu-<br>factured/<br>mobile<br>homes | Black<br>alone            | His-<br>panic | Elderly<br>(65<br>years<br>and<br>over) | Below<br>poverty<br>level | North-<br>east | Mid-<br>west | South | West  | Central<br>city | Not<br>central<br>city |                |
|                                                       |                            |        |        |                                                  |                                       |                           |               |                                         |                           |                |              |       |       |                 |                        |                |
| <b>Manufactured/Mobile Home Setup</b>                 |                            |        |        |                                                  |                                       |                           |               |                                         |                           |                |              |       |       |                 |                        |                |
| Manufactured/mobile homes . . . . .                   | 7,190                      | 5,678  | 1,512  | 170                                              | 7,190                                 | 595                       | 841           | 1,802                                   | 1,816                     | 597            | 1,088        | 4,056 | 1,449 | 638             | 3,386                  | 3,167          |
| Set on permanent masonry foundation . . . . .         | 1,423                      | 1,238  | 185    | 69                                               | 1,423                                 | 113                       | 118           | 398                                     | 255                       | 126            | 268          | 705   | 324   | 101             | 682                    | 639            |
| Resting on concrete pad . . . . .                     | 1,211                      | 1,012  | 198    | 35                                               | 1,211                                 | 51                        | 141           | 339                                     | 247                       | 160            | 359          | 375   | 316   | 174             | 625                    | 412            |
| Up on blocks, but not on concrete pad . . . . .       | 4,240                      | 3,235  | 1,006  | 56                                               | 4,240                                 | 420                       | 538           | 1,001                                   | 1,228                     | 281            | 425          | 2,844 | 690   | 322             | 1,902                  | 2,016          |
| Setup in some other way . . . . .                     | 181                        | 134    | 47     | 2                                                | 181                                   | 8                         | 14            | 43                                      | 51                        | 12             | 27           | 82    | 60    | 13              | 123                    | 45             |
| Setup not reported . . . . .                          | 135                        | 59     | 76     | 7                                                | 135                                   | 3                         | 30            | 21                                      | 36                        | 18             | 9            | 49    | 59    | 28              | 53                     | 54             |
| <b>Manufactured/Mobile Home Anchoring</b>             |                            |        |        |                                                  |                                       |                           |               |                                         |                           |                |              |       |       |                 |                        |                |
| Manufactured/mobile homes . . . . .                   | 7,190                      | 5,678  | 1,512  | 170                                              | 7,190                                 | 595                       | 841           | 1,802                                   | 1,816                     | 597            | 1,088        | 4,056 | 1,449 | 638             | 3,386                  | 3,167          |
| Anchored by tiedowns, bolts, or other means . . . . . | 6,310                      | 5,031  | 1,279  | 138                                              | 6,310                                 | 582                       | 699           | 1,616                                   | 1,551                     | 444            | 980          | 3,772 | 1,114 | 525             | 3,003                  | 2,782          |
| Not anchored . . . . .                                | 662                        | 530    | 132    | 22                                               | 662                                   | 9                         | 109           | 147                                     | 205                       | 117            | 72           | 227   | 246   | 72              | 288                    | 303            |
| Anchoring not reported . . . . .                      | 218                        | 117    | 101    | 9                                                | 218                                   | 4                         | 33            | 39                                      | 61                        | 36             | 36           | 58    | 89    | 41              | 95                     | 82             |
| <b>Manufactured/Mobile Home Size</b>                  |                            |        |        |                                                  |                                       |                           |               |                                         |                           |                |              |       |       |                 |                        |                |
| Manufactured/mobile homes . . . . .                   | 7,190                      | 5,678  | 1,512  | 170                                              | 7,190                                 | 595                       | 841           | 1,802                                   | 1,816                     | 597            | 1,088        | 4,056 | 1,449 | 638             | 3,386                  | 3,167          |
| Single-wide . . . . .                                 | 3,937                      | 2,791  | 1,145  | 49                                               | 3,937                                 | 303                       | 548           | 808                                     | 1,236                     | 378            | 723          | 2,279 | 556   | 317             | 1,907                  | 1,713          |
| Double-wide . . . . .                                 | 3,073                      | 2,731  | 342    | 97                                               | 3,073                                 | 272                       | 277           | 919                                     | 557                       | 214            | 359          | 1,708 | 791   | 299             | 1,364                  | 1,410          |
| Triple-wide or larger . . . . .                       | 166                        | 149    | 18     | 20                                               | 166                                   | 18                        | 15            | 68                                      | 20                        | 4              | 4            | 68    | 90    | 19              | 109                    | 39             |
| Size not reported . . . . .                           | 14                         | 7      | 7      | 3                                                | 14                                    | 1                         | 1             | 7                                       | 3                         | Z              | 2            | 1     | 12    | 2               | 7                      | 6              |
| <b>Manufactured/Mobile Home Site Placement</b>        |                            |        |        |                                                  |                                       |                           |               |                                         |                           |                |              |       |       |                 |                        |                |
| Manufactured/mobile homes . . . . .                   | 7,190                      | 5,678  | 1,512  | 170                                              | 7,190                                 | 595                       | 841           | 1,802                                   | 1,816                     | 597            | 1,088        | 4,056 | 1,449 | 638             | 3,386                  | 3,167          |
| First site . . . . .                                  | 5,004                      | 4,230  | 774    | 152                                              | 5,004                                 | 457                       | 579           | 1,443                                   | 1,142                     | 421            | 723          | 2,816 | 1,044 | 422             | 2,345                  | 2,237          |
| Moved from another site . . . . .                     | 1,251                      | 1,014  | 237    | 11                                               | 1,251                                 | 90                        | 102           | 245                                     | 364                       | 89             | 202          | 783   | 178   | 76              | 532                    | 643            |
| Don't know . . . . .                                  | 493                        | 202    | 291    | 7                                                | 493                                   | 14                        | 82            | 74                                      | 154                       | 44             | 71           | 249   | 129   | 79              | 254                    | 159            |
| Site placement not reported . . . . .                 | 442                        | 232    | 210    | Z                                                | 442                                   | 33                        | 78            | 40                                      | 156                       | 42             | 92           | 208   | 99    | 60              | 254                    | 128            |
| <b>Manufactured/Mobile Homes in Group</b>             |                            |        |        |                                                  |                                       |                           |               |                                         |                           |                |              |       |       |                 |                        |                |
| Manufactured/mobile homes . . . . .                   | 7,190                      | 5,678  | 1,512  | 170                                              | 7,190                                 | 595                       | 841           | 1,802                                   | 1,816                     | 597            | 1,088        | 4,056 | 1,449 | 638             | 3,386                  | 3,167          |
| 1 to 6 . . . . .                                      | 5,081                      | 4,036  | 1,046  | 152                                              | 5,081                                 | 474                       | 506           | 1,174                                   | 1,265                     | 349            | 674          | 3,242 | 817   | 291             | 2,130                  | 2,660          |
| 7 to 20 . . . . .                                     | 456                        | 300    | 156    | 4                                                | 456                                   | 43                        | 61            | 114                                     | 140                       | 73             | 75           | 229   | 78    | 64              | 257                    | 135            |
| 21 or more . . . . .                                  | 1,653                      | 1,343  | 311    | 13                                               | 1,653                                 | 78                        | 275           | 515                                     | 412                       | 175            | 339          | 586   | 554   | 283             | 999                    | 372            |

<sup>1</sup> For manufactured/mobile homes, oldest category is 1939 or earlier.<sup>2</sup> Median is estimated from the printed distribution; see Appendix A.<sup>3</sup> Figures exclude manufactured/mobile homes.

Table C-02-AO.

**Rooms, Size, and Amenities—All Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                     | Total occupied units | Tenure        |               | Housing unit characteristics  |                           | Household characteristics |               |                             |                     | Regions       |               |               |               | Inside MSA    |                  | Outside MSA   |
|-----------------------------------------------------|----------------------|---------------|---------------|-------------------------------|---------------------------|---------------------------|---------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                     |                      | Owner         | Renter        | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic      | Elderly (65 years and over) | Below poverty level | North-east    | Mid-west      | South         | West          | Central city  | Not central city |               |
| <b>Total</b> .....                                  | <b>114,907</b>       | <b>76,091</b> | <b>38,816</b> | <b>2,571</b>                  | <b>7,190</b>              | <b>14,694</b>             | <b>13,841</b> | <b>25,058</b>               | <b>18,129</b>       | <b>21,066</b> | <b>25,682</b> | <b>42,584</b> | <b>25,575</b> | <b>33,892</b> | <b>58,218</b>    | <b>22,797</b> |
| <b>Rooms</b>                                        |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| 1.....                                              | 391                  | 18            | 374           | 7                             | Z                         | 51                        | 80            | 75                          | 133                 | 131           | 62            | 67            | 131           | 229           | 127              | 35            |
| 2.....                                              | 952                  | 98            | 854           | 24                            | 15                        | 109                       | 153           | 176                         | 288                 | 325           | 126           | 187           | 314           | 573           | 282              | 97            |
| 3.....                                              | 9,107                | 1,033         | 8,074         | 171                           | 210                       | 1,618                     | 1,551         | 2,035                       | 2,824               | 2,341         | 1,816         | 2,582         | 2,368         | 4,503         | 3,494            | 1,110         |
| 4.....                                              | 18,780               | 6,319         | 12,461        | 308                           | 1,936                     | 3,061                     | 3,236         | 3,417                       | 4,636               | 3,445         | 3,992         | 6,754         | 4,589         | 6,789         | 8,326            | 3,665         |
| 5.....                                              | 25,921               | 17,101        | 8,820         | 606                           | 2,784                     | 3,526                     | 3,450         | 5,895                       | 4,694               | 3,793         | 5,777         | 10,724        | 5,627         | 7,425         | 12,306           | 6,189         |
| 6.....                                              | 24,966               | 19,910        | 5,056         | 463                           | 1,425                     | 3,139                     | 2,829         | 5,977                       | 3,191               | 4,439         | 5,495         | 9,892         | 5,140         | 6,736         | 12,822           | 5,408         |
| 7.....                                              | 16,613               | 14,705        | 1,908         | 410                           | 597                       | 1,722                     | 1,340         | 3,987                       | 1,386               | 3,075         | 4,094         | 6,006         | 3,439         | 3,936         | 9,354            | 3,323         |
| 8.....                                              | 10,146               | 9,403         | 743           | 291                           | 189                       | 831                       | 769           | 2,101                       | 589                 | 1,988         | 2,442         | 3,585         | 2,131         | 2,145         | 6,337            | 1,664         |
| 9.....                                              | 4,616                | 4,317         | 299           | 143                           | 20                        | 352                       | 279           | 845                         | 234                 | 906           | 1,034         | 1,550         | 1,128         | 897           | 2,987            | 733           |
| 10 or more.....                                     | 3,415                | 3,187         | 228           | 147                           | 14                        | 286                       | 155           | 549                         | 154                 | 625           | 845           | 1,237         | 709           | 661           | 2,182            | 573           |
| <b>Persons Per Room</b>                             |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| 0.50 or less .....                                  | 82,052               | 58,069        | 23,983        | 1,896                         | 4,811                     | 9,843                     | 6,476         | 23,240                      | 11,386              | 14,930        | 19,126        | 30,760        | 17,236        | 23,537        | 41,611           | 16,904        |
| 0.51 to 1.00 .....                                  | 30,062               | 16,965        | 13,097        | 651                           | 2,025                     | 4,410                     | 6,057         | 1,752                       | 5,454               | 5,620         | 6,186         | 10,865        | 7,391         | 9,292         | 15,324           | 5,445         |
| 1.01 to 1.50 .....                                  | 2,405                | 980           | 1,425         | 19                            | 348                       | 399                       | 1,068         | 60                          | 1,082               | 432           | 325           | 872           | 775           | 867           | 1,117            | 421           |
| 1.51 or more .....                                  | 389                  | 78            | 311           | 4                             | 6                         | 42                        | 241           | 6                           | 207                 | 84            | 45            | 86            | 173           | 196           | 165              | 27            |
| <b>Bedrooms</b>                                     |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| None .....                                          | 912                  | 72            | 840           | 15                            | Z                         | 98                        | 151           | 179                         | 275                 | 319           | 137           | 130           | 326           | 601           | 238              | 73            |
| 1.....                                              | 12,067               | 1,731         | 10,336        | 221                           | 303                       | 2,077                     | 2,003         | 2,628                       | 3,506               | 3,097         | 2,413         | 3,488         | 3,069         | 5,857         | 4,715            | 1,496         |
| 2.....                                              | 28,656               | 13,197        | 15,459        | 444                           | 2,590                     | 4,264                     | 4,191         | 6,584                       | 6,089               | 5,373         | 6,567         | 9,952         | 6,763         | 9,738         | 13,200           | 5,719         |
| 3.....                                              | 48,565               | 39,306        | 9,259         | 1,056                         | 3,731                     | 5,723                     | 5,222         | 11,236                      | 6,189               | 7,861         | 10,929        | 20,176        | 9,600         | 12,210        | 25,226           | 11,129        |
| 4 or more.....                                      | 24,707               | 21,785        | 2,921         | 835                           | 565                       | 2,532                     | 2,275         | 4,432                       | 2,070               | 4,416         | 5,637         | 8,838         | 5,817         | 5,486         | 14,840           | 4,381         |
| <b>Persons Per Bedroom</b>                          |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| 0.50 or less .....                                  | 29,418               | 23,012        | 6,406         | 582                           | 1,936                     | 3,637                     | 1,824         | 10,871                      | 4,838               | 4,985         | 6,984         | 11,481        | 5,967         | 7,888         | 15,007           | 6,523         |
| 0.51 to 1.00 .....                                  | 56,019               | 37,747        | 18,272        | 1,477                         | 3,270                     | 6,761                     | 5,178         | 12,451                      | 7,029               | 10,180        | 12,769        | 21,040        | 12,029        | 16,271        | 28,488           | 11,260        |
| 1.01 to 1.50 .....                                  | 15,632               | 10,140        | 5,492         | 354                           | 935                       | 2,230                     | 2,595         | 733                         | 2,258               | 2,900         | 3,464         | 5,715         | 3,554         | 4,155         | 8,495            | 2,983         |
| 1.51 or more .....                                  | 12,926               | 5,121         | 7,805         | 142                           | 1,049                     | 1,969                     | 4,093         | 825                         | 3,729               | 2,681         | 2,329         | 4,217         | 3,699         | 4,978         | 5,990            | 1,958         |
| No bedrooms.....                                    | 912                  | 72            | 840           | 15                            | Z                         | 98                        | 151           | 179                         | 275                 | 319           | 137           | 130           | 326           | 601           | 238              | 73            |
| <b>Complete Bathrooms</b>                           |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| None .....                                          | 494                  | 190           | 304           | 12                            | 49                        | 83                        | 82            | 113                         | 219                 | 125           | 88            | 197           | 84            | 197           | 155              | 142           |
| 1.....                                              | 39,268               | 15,118        | 24,150        | 333                           | 1,910                     | 6,789                     | 6,390         | 8,100                       | 10,154              | 9,763         | 9,632         | 11,809        | 8,064         | 15,598        | 15,327           | 8,343         |
| 1½.....                                             | 15,066               | 11,232        | 3,834         | 90                            | 553                       | 2,155                     | 1,369         | 3,898                       | 2,139               | 3,712         | 4,781         | 4,034         | 2,539         | 4,248         | 7,695            | 3,123         |
| 2 or more.....                                      | 60,079               | 49,551        | 10,528        | 2,135                         | 4,678                     | 5,666                     | 6,001         | 12,948                      | 5,616               | 7,465         | 11,181        | 26,544        | 14,888        | 13,850        | 35,040           | 11,189        |
| <b>Square Footage of Unit</b>                       |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Single detached and manufactured/mobile homes ..... | 80,951               | 68,340        | 12,611        | 1,834                         | 7,190                     | 7,697                     | 7,962         | 19,170                      | 9,534               | 11,996        | 19,191        | 32,387        | 17,377        | 17,820        | 43,413           | 19,718        |
| Less than 500 .....                                 | 618                  | 357           | 262           | 15                            | 177                       | 80                        | 122           | 166                         | 159                 | 102           | 93            | 279           | 144           | 174           | 287              | 157           |
| 500 to 749 .....                                    | 1,818                | 1,079         | 739           | 5                             | 670                       | 177                       | 318           | 454                         | 556                 | 258           | 409           | 817           | 334           | 371           | 832              | 615           |
| 750 to 999 .....                                    | 5,150                | 3,573         | 1,577         | 16                            | 1,600                     | 584                       | 786           | 1,097                       | 1,215               | 655           | 1,356         | 2,143         | 996           | 1,229         | 2,226            | 1,696         |
| 1,000 to 1,499 .....                                | 18,255               | 14,546        | 3,709         | 246                           | 2,430                     | 1,952                     | 2,133         | 4,412                       | 2,751               | 2,114         | 4,363         | 7,581         | 4,197         | 4,297         | 8,845            | 5,113         |
| 1,500 to 1,999 .....                                | 18,470               | 15,987        | 2,484         | 409                           | 1,092                     | 1,618                     | 1,763         | 4,453                       | 1,734               | 2,448         | 3,966         | 7,683         | 4,373         | 4,171         | 10,001           | 4,299         |
| 2,000 to 2,499 .....                                | 13,179               | 11,951        | 1,227         | 306                           | 357                       | 974                       | 942           | 3,235                       | 913                 | 2,036         | 3,210         | 5,131         | 2,803         | 2,664         | 7,626            | 2,889         |
| 2,500 to 2,999 .....                                | 7,021                | 6,546         | 475           | 234                           | 90                        | 470                       | 441           | 1,569                       | 406                 | 1,171         | 1,622         | 2,776         | 1,452         | 1,326         | 4,288            | 1,407         |
| 3,000 to 3,999 .....                                | 6,735                | 6,405         | 330           | 304                           | 61                        | 437                       | 351           | 1,404                       | 328                 | 1,185         | 1,739         | 2,473         | 1,338         | 1,208         | 4,217            | 1,310         |
| 4,000 or more .....                                 | 4,034                | 3,789         | 245           | 168                           | 116                       | 288                       | 232           | 869                         | 241                 | 783           | 980           | 1,540         | 731           | 809           | 2,399            | 827           |
| Not reported .....                                  | 5,671                | 4,108         | 1,563         | 130                           | 597                       | 1,117                     | 872           | 1,511                       | 1,231               | 1,244         | 1,453         | 1,964         | 1,009         | 1,571         | 2,693            | 1,407         |
| <b>Median (square feet)</b> .....                   | <b>1,800</b>         | <b>1,800</b>  | <b>1,301</b>  | <b>2,200</b>                  | <b>1,120</b>              | <b>1,575</b>              | <b>1,500</b>  | <b>1,750</b>                | <b>1,344</b>        | <b>1,900</b>  | <b>1,800</b>  | <b>1,715</b>  | <b>1,704</b>  | <b>1,700</b>  | <b>1,816</b>     | <b>1,600</b>  |
| <b>Square Feet Per Person</b>                       |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Single detached and manufactured/mobile homes ..... | 80,951               | 68,340        | 12,611        | 1,834                         | 7,190                     | 7,697                     | 7,962         | 19,170                      | 9,534               | 11,996        | 19,191        | 32,387        | 17,377        | 17,820        | 43,413           | 19,718        |
| Less than 200 .....                                 | 1,626                | 1,028         | 598           | 1                             | 464                       | 260                       | 564           | 139                         | 607                 | 183           | 308           | 742           | 393           | 443           | 741              | 442           |
| 200 to 299 .....                                    | 3,974                | 2,595         | 1,379         | 40                            | 760                       | 474                       | 1,056         | 245                         | 950                 | 483           | 837           | 1,617         | 1,037         | 1,044         | 1,932            | 998           |
| 300 to 399 .....                                    | 6,336                | 4,708         | 1,628         | 88                            | 874                       | 672                       | 1,064         | 505                         | 915                 | 772           | 1,498         | 2,521         | 1,545         | 1,413         | 3,389            | 1,534         |
| 400 to 499 .....                                    | 7,188                | 5,740         | 1,448         | 144                           | 825                       | 721                       | 844           | 837                         | 714                 | 1,038         | 1,644         | 2,876         | 1,630         | 1,588         | 3,880            | 1,720         |
| 500 to 599 .....                                    | 6,827                | 5,677         | 1,150         | 124                           | 605                       | 633                       | 668           | 1,045                       | 620                 | 971           | 1,600         | 2,659         | 1,598         | 1,473         | 3,713            | 1,642         |
| 600 to 699 .....                                    | 7,144                | 6,114         | 1,030         | 198                           | 573                       | 526                       | 622           | 1,292                       | 546                 | 1,074         | 1,724         | 2,894         | 1,451         | 1,528         | 3,937            | 1,679         |
| 700 to 799 .....                                    | 5,631                | 5,031         | 600           | 161                           | 508                       | 461                       | 380           | 1,330                       | 476                 | 794           | 1,374         | 2,295         | 1,168         | 1,148         | 3,075            | 1,408         |
| 800 to 899 .....                                    | 4,786                | 4,290         | 496           | 155                           | 325                       | 330                       | 295           | 1,236                       | 339                 | 709           | 1,068         | 1,875         | 1,134         | 997           | 2,650            | 1,138         |
| 900 to 999 .....                                    | 4,471                | 3,984         | 486           | 98                            | 411                       | 343                       | 252           | 1,217                       | 380                 | 612           | 1,078         | 1,788         | 991           | 956           | 2,441            | 1,074         |
| 1,000 to 1,499 .....                                | 14,481               | 13,255        | 1,226         | 361                           | 843                       | 1,088                     | 757           | 4,920                       | 1,345               | 2,127         | 3,501         | 5,939         | 2,914         | 3,000         | 7,870            | 3,611         |
| 1,500 or more .....                                 | 12,816               | 11,808        | 1,008         | 336                           | 405                       | 1,072                     | 587           | 4,893                       | 1,410               | 1,986         | 3,107         | 5,216         | 2,507         | 2,660         | 7,092            | 3,064         |
| Not reported .....                                  | 5,671                | 4,108         | 1,563         | 130                           | 597                       | 1,117                     | 872           | 1,511                       | 1,231               | 1,244         | 1,453         | 1,964         | 1,009         | 1,571         | 2,693            | 1,407         |
| <b>Median (square feet)</b> .....                   | <b>750</b>           | <b>800</b>    | <b>500</b>    | <b>850</b>                    | <b>550</b>                | <b>700</b>                | <b>500</b>    | <b>1,040</b>                | <b>650</b>          | <b>800</b>    | <b>775</b>    | <b>750</b>    | <b>733</b>    | <b>750</b>    | <b>771</b>       | <b>750</b>    |

See footnotes at end of table.

Table C-02-AO.

**Rooms, Size, and Amenities—All Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                               | Total occupied units | Tenure      |             | Housing unit characteristics  |                           | Household characteristics |             |                             |                     | Regions     |             |             |             | Inside MSA   |                  |             | Out-side MSA |
|---------------------------------------------------------------|----------------------|-------------|-------------|-------------------------------|---------------------------|---------------------------|-------------|-----------------------------|---------------------|-------------|-------------|-------------|-------------|--------------|------------------|-------------|--------------|
|                                                               |                      | Owner       | Renter      | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic    | Elderly (65 years and over) | Below poverty level | North-east  | Mid-west    | South       | West        | Central city | Not central city |             |              |
|                                                               |                      |             |             |                               |                           |                           |             |                             |                     |             |             |             |             |              |                  |             |              |
| <b>Lot Size</b>                                               |                      |             |             |                               |                           |                           |             |                             |                     |             |             |             |             |              |                  |             |              |
| 1-unit structures¹ . . . . .                                  | 84,896               | 70,218      | 14,677      | 1,940                         | 7,113                     | 8,758                     | 8,470       | 19,843                      | 10,384              | 13,263      | 19,606      | 33,882      | 18,145      | 19,813       | 45,089           | 19,994      |              |
| Less than 1/8 acre . . . . .                                  | 13,354               | 9,740       | 3,614       | 288                           | 1,655                     | 1,974                     | 2,261       | 2,928                       | 2,230               | 2,379       | 2,834       | 4,159       | 3,982       | 5,234        | 6,457            | 1,663       |              |
| 1/8 up to 1/4 acre . . . . .                                  | 21,949               | 17,560      | 4,389       | 439                           | 1,035                     | 2,582                     | 3,202       | 4,904                       | 2,833               | 2,531       | 5,120       | 7,548       | 6,750       | 7,236        | 11,724           | 2,989       |              |
| 1/4 up to 1/2 acre . . . . .                                  | 15,947               | 13,795      | 2,151       | 385                           | 599                       | 1,622                     | 1,262       | 3,659                       | 1,576               | 2,400       | 4,087       | 6,344       | 3,116       | 3,865        | 9,161            | 2,921       |              |
| 1/2 up to 1 acre . . . . .                                    | 10,213               | 8,826       | 1,387       | 199                           | 693                       | 1,015                     | 644         | 2,378                       | 999                 | 1,976       | 2,025       | 4,903       | 1,309       | 1,604        | 5,984            | 2,626       |              |
| 1 up to 5 acres . . . . .                                     | 16,835               | 14,402      | 2,433       | 444                           | 2,209                     | 1,375                     | 868         | 4,103                       | 2,080               | 3,016       | 3,551       | 8,244       | 2,024       | 1,531        | 8,762            | 6,543       |              |
| 5 up to 10 acres . . . . .                                    | 2,719                | 2,461       | 259         | 79                            | 469                       | 73                        | 99          | 644                         | 278                 | 367         | 759         | 1,113       | 480         | 137          | 1,391            | 1,192       |              |
| 10 acres or more . . . . .                                    | 3,877                | 3,433       | 444         | 106                           | 453                       | 117                       | 133         | 1,228                       | 387                 | 594         | 1,229       | 1,571       | 484         | 206          | 1,611            | 2,061       |              |
| <b>Median (acres)</b> . . . . .                               | <b>0.26</b>          | <b>0.30</b> | <b>0.19</b> | <b>0.32</b>                   | <b>0.50</b>               | <b>0.23</b>               | <b>0.16</b> | <b>0.32</b>                 | <b>0.25</b>         | <b>0.32</b> | <b>0.27</b> | <b>0.34</b> | <b>0.18</b> | <b>0.17</b>  | <b>0.27</b>      | <b>0.80</b> |              |
| <b>Rooms Used for Business</b>                                |                      |             |             |                               |                           |                           |             |                             |                     |             |             |             |             |              |                  |             |              |
| Business only                                                 |                      |             |             |                               |                           |                           |             |                             |                     |             |             |             |             |              |                  |             |              |
| 1 or more rooms with direct access² . . . . .                 | 7,796                | 5,233       | 2,562       | 163                           | 537                       | 1,157                     | 952         | 1,842                       | 1,240               | 1,312       | 1,483       | 3,545       | 1,455       | 2,287        | 3,982            | 1,527       |              |
| 1 or more rooms, no direct access² . . . . .                  | 6,229                | 5,025       | 1,203       | 203                           | 234                       | 689                       | 447         | 946                         | 497                 | 972         | 1,297       | 2,370       | 1,590       | 1,694        | 3,468            | 1,067       |              |
| Not reported . . . . .                                        | 634                  | 482         | 151         | 14                            | 44                        | 76                        | 34          | 158                         | 101                 | 77          | 87          | 350         | 120         | 154          | 293              | 186         |              |
| Business and other use                                        |                      |             |             |                               |                           |                           |             |                             |                     |             |             |             |             |              |                  |             |              |
| 1 or more rooms . . . . .                                     | 18,400               | 13,810      | 4,590       | 482                           | 763                       | 1,927                     | 1,475       | 2,946                       | 1,778               | 2,973       | 4,079       | 6,733       | 4,615       | 5,072        | 10,049           | 3,279       |              |
| Not reported . . . . .                                        | 632                  | 469         | 163         | 14                            | 39                        | 76                        | 39          | 150                         | 104                 | 79          | 89          | 343         | 121         | 153          | 295              | 185         |              |
| <b>Selected Amenities³</b>                                    |                      |             |             |                               |                           |                           |             |                             |                     |             |             |             |             |              |                  |             |              |
| Porch, deck, balcony, or patio . . . . .                      | 97,550               | 69,885      | 27,665      | 2,279                         | 6,370                     | 11,362                    | 10,573      | 21,490                      | 13,574              | 15,398      | 22,070      | 38,063      | 22,018      | 25,959       | 51,422           | 20,169      |              |
| Telephone available . . . . .                                 | 112,073              | 74,729      | 37,344      | 2,360                         | 6,989                     | 14,215                    | 13,360      | 24,628                      | 17,516              | 20,645      | 25,207      | 41,573      | 24,648      | 32,823       | 57,016           | 22,234      |              |
| Usable fireplace . . . . .                                    | 40,371               | 34,700      | 5,672       | 1,092                         | 1,198                     | 3,213                     | 3,017       | 9,084                       | 2,800               | 5,889       | 8,294       | 15,019      | 11,170      | 9,387        | 24,561           | 6,423       |              |
| Separate dining room . . . . .                                | 54,923               | 43,300      | 11,623      | 1,172                         | 2,034                     | 6,651                     | 5,586       | 12,463                      | 6,167               | 11,118      | 12,248      | 20,846      | 10,712      | 15,009       | 30,433           | 9,481       |              |
| With 2 or more living rooms or recreation rooms, etc. . . . . | 34,576               | 31,242      | 3,334       | 879                           | 1,038                     | 2,797                     | 2,171       | 8,328                       | 2,118               | 6,140       | 8,662       | 11,921      | 7,852       | 7,402        | 20,687           | 6,487       |              |
| <b>Vehicle Parking</b>                                        |                      |             |             |                               |                           |                           |             |                             |                     |             |             |             |             |              |                  |             |              |
| Garage or carport included with home . . . . .                | 75,431               | 60,389      | 15,042      | 1,946                         | 2,812                     | 6,456                     | 7,881       | 18,087                      | 7,848               | 10,630      | 19,012      | 25,530      | 20,259      | 19,240       | 41,471           | 14,720      |              |
| Garage or carport not included with home . . . . .            | 39,420               | 15,663      | 23,757      | 625                           | 4,366                     | 8,235                     | 5,948       | 6,952                       | 10,263              | 10,429      | 6,663       | 17,027      | 5,301       | 14,625       | 16,733           | 8,063       |              |
| Driveway or off-street parking available . . . . .            | 32,759               | 13,719      | 19,039      | 543                           | 4,096                     | 6,652                     | 4,609       | 5,800                       | 8,384               | 6,849       | 5,702       | 15,775      | 4,433       | 9,943        | 15,254           | 7,562       |              |
| Driveway or off-street parking not available . . . . .        | 6,651                | 1,944       | 4,707       | 82                            | 270                       | 1,581                     | 1,337       | 1,150                       | 1,874               | 3,574       | 959         | 1,252       | 865         | 4,673        | 1,477            | 501         |              |
| Driveway or off-street parking not reported . . . . .         | 10                   | Z           | 10          | Z                             | Z                         | 1                         | 2           | 2                           | 5                   | 6           | 2           | Z           | 2           | 9            | 1                | Z           |              |
| Garage or carport not reported . . . . .                      | 56                   | 39          | 17          | Z                             | 12                        | 4                         | 13          | 20                          | 18                  | 6           | 7           | 27          | 16          | 27           | 15               | 14          |              |
| <b>Vehicles Available³</b>                                    |                      |             |             |                               |                           |                           |             |                             |                     |             |             |             |             |              |                  |             |              |
| Vehicle(s) (cars, trucks, or vans)⁴ . . . . .                 | 105,483              | 73,969      | 31,514      | 2,456                         | 6,785                     | 11,910                    | 12,274      | 22,073                      | 13,822              | 17,685      | 23,885      | 39,878      | 24,035      | 28,549       | 55,320           | 21,614      |              |
| 1 vehicle . . . . .                                           | 37,127               | 19,834      | 17,294      | 756                           | 2,587                     | 5,852                     | 4,441       | 10,227                      | 8,021               | 6,829       | 8,308       | 13,832      | 8,157       | 12,651       | 17,563           | 6,914       |              |
| 2 vehicles . . . . .                                          | 43,637               | 33,313      | 10,324      | 1,139                         | 2,571                     | 3,901                     | 4,800       | 8,316                       | 3,953               | 7,147       | 10,123      | 16,597      | 9,770       | 10,785       | 23,878           | 8,975       |              |
| 3 or more vehicles . . . . .                                  | 24,718               | 20,822      | 3,897       | 561                           | 1,626                     | 2,156                     | 3,034       | 3,531                       | 1,848               | 3,708       | 5,454       | 9,449       | 6,108       | 5,114        | 13,879           | 5,725       |              |
| No vehicles . . . . .                                         | 9,425                | 2,123       | 7,302       | 116                           | 405                       | 2,784                     | 1,567       | 2,985                       | 4,306               | 3,381       | 1,798       | 2,706       | 1,541       | 5,343        | 2,898            | 1,183       |              |
| Car(s) . . . . .                                              | 92,109               | 65,221      | 26,889      | 2,112                         | 5,254                     | 10,463                    | 10,300      | 19,540                      | 11,302              | 16,194      | 20,621      | 33,894      | 21,401      | 25,101       | 49,082           | 17,927      |              |
| 1 car . . . . .                                               | 53,367               | 34,512      | 18,854      | 1,159                         | 3,587                     | 6,931                     | 6,118       | 13,535                      | 8,572               | 8,794       | 12,306      | 20,529      | 11,738      | 15,687       | 26,348           | 11,332      |              |
| 2 cars . . . . .                                              | 29,620               | 22,808      | 6,811       | 775                           | 1,278                     | 2,782                     | 3,145       | 5,001                       | 2,230               | 5,643       | 6,390       | 10,358      | 7,228       | 7,468        | 17,061           | 5,091       |              |
| 3 or more cars . . . . .                                      | 9,123                | 7,900       | 1,223       | 178                           | 389                       | 751                       | 1,037       | 1,005                       | 500                 | 1,757       | 1,925       | 3,007       | 2,435       | 1,946        | 5,672            | 1,505       |              |
| No cars . . . . .                                             | 22,798               | 10,871      | 11,927      | 459                           | 1,936                     | 4,231                     | 3,541       | 5,518                       | 6,827               | 4,872       | 5,062       | 8,690       | 4,174       | 8,792        | 9,137            | 4,869       |              |
| Truck(s) or van(s)⁴ . . . . .                                 | 50,275               | 38,853      | 11,422      | 1,244                         | 4,156                     | 4,799                     | 6,324       | 9,264                       | 5,842               | 6,211       | 12,004      | 20,959      | 11,100      | 11,358       | 25,648           | 13,268      |              |
| 1 truck or van . . . . .                                      | 36,147               | 27,547      | 8,600       | 875                           | 2,685                     | 3,630                     | 4,312       | 6,899                       | 4,327               | 4,585       | 8,769       | 14,690      | 8,103       | 8,340        | 18,600           | 9,206       |              |
| 2 or more truck(s) or van(s) . . . . .                        | 14,128               | 11,306      | 2,822       | 369                           | 1,471                     | 1,169                     | 2,012       | 2,366                       | 1,514               | 1,626       | 3,234       | 6,269       | 2,998       | 3,018        | 7,048            | 4,062       |              |
| No truck(s) or van(s) . . . . .                               | 64,633               | 37,239      | 27,394      | 1,327                         | 3,034                     | 9,896                     | 7,517       | 15,794                      | 12,287              | 14,855      | 13,679      | 21,624      | 14,475      | 22,534       | 32,570           | 9,529       |              |

<sup>1</sup> Does not include cooperatives or condominiums.<sup>2</sup> From the outside.<sup>3</sup> Figures may not add to total because more than one category may apply to a unit.<sup>4</sup> Includes SUVs.

Table C-03-AO.

**Heating, Air Conditioning, and Appliances—All Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                      | Total occupied units | Tenure        |               | Housing unit characteristics  |                           | Household characteristics |               |                             |                     | Regions       |               |               |               | Inside MSA    |                  |               |
|----------------------------------------------------------------------|----------------------|---------------|---------------|-------------------------------|---------------------------|---------------------------|---------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                                      |                      | Owner         | Renter        | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic      | Elderly (65 years and over) | Below poverty level | North-east    | Mid-west      | South         | West          | Central city  | Not central city | Out-side MSA  |
| <b>Total . . . . .</b>                                               | <b>114,907</b>       | <b>76,091</b> | <b>38,816</b> | <b>2,571</b>                  | <b>7,190</b>              | <b>14,694</b>             | <b>13,841</b> | <b>25,058</b>               | <b>18,129</b>       | <b>21,066</b> | <b>25,682</b> | <b>42,584</b> | <b>25,575</b> | <b>33,892</b> | <b>58,218</b>    | <b>22,797</b> |
| <b>Units Using Each Fuel<sup>1</sup></b>                             |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Electricity . . . . .                                                | 114,848              | 76,043        | 38,805        | 2,566                         | 7,190                     | 14,689                    | 13,841        | 25,053                      | 18,113              | 21,045        | 25,660        | 42,569        | 25,574        | 33,890        | 58,193           | 22,765        |
| Piped gas . . . . .                                                  | 69,992               | 46,535        | 23,458        | 1,302                         | 1,867                     | 9,326                     | 9,528         | 14,792                      | 10,542              | 13,435        | 19,472        | 17,650        | 19,435        | 25,215        | 34,804           | 9,973         |
| Bottled gas . . . . .                                                | 9,517                | 8,148         | 1,369         | 258                           | 1,606                     | 505                       | 497           | 2,701                       | 1,175               | 2,167         | 2,401         | 3,673         | 1,275         | 468           | 4,404            | 4,644         |
| Fuel oil . . . . .                                                   | 9,217                | 6,198         | 3,018         | 55                            | 268                       | 887                       | 932           | 2,428                       | 1,290               | 7,436         | 639           | 903           | 239           | 2,740         | 4,721            | 1,756         |
| Kerosene or other liquid fuel . . . . .                              | 551                  | 369           | 181           | 7                             | 223                       | 80                        | 38            | 132                         | 157                 | 195           | 27            | 293           | 36            | 71            | 222              | 258           |
| Coal or coke . . . . .                                               | 82                   | 68            | 14            | Z                             | 2                         | Z                         | 1             | 10                          | 11                  | 59            | 12            | 9             | 1             | Z             | 53               | 28            |
| Wood . . . . .                                                       | 1,977                | 1,699         | 278           | 25                            | 243                       | 41                        | 95            | 495                         | 309                 | 460           | 440           | 535           | 542           | 60            | 770              | 1,147         |
| Solar energy . . . . .                                               | 156                  | 134           | 22            | 7                             | Z                         | 4                         | 16            | 46                          | 8                   | 19            | 4             | 27            | 106           | 23            | 116              | 18            |
| Other . . . . .                                                      | 493                  | 325           | 167           | 24                            | 21                        | 51                        | 42            | 119                         | 92                  | 101           | 132           | 119           | 141           | 156           | 228              | 109           |
| All electric units . . . . .                                         | 31,674               | 18,269        | 13,405        | 1,053                         | 3,510                     | 4,886                     | 3,682         | 6,482                       | 5,863               | 1,822         | 3,526         | 21,508        | 4,818         | 8,083         | 16,495           | 7,096         |
| <b>Main Heating Equipment</b>                                        |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Warm-air furnace . . . . .                                           | 73,687               | 51,672        | 22,015        | 1,795                         | 5,114                     | 9,387                     | 7,914         | 15,564                      | 10,469              | 9,282         | 21,003        | 26,250        | 17,152        | 21,422        | 38,295           | 13,971        |
| Steam or hot water system . . . . .                                  | 12,624               | 7,365         | 5,259         | 64                            | 27                        | 1,725                     | 1,541         | 3,065                       | 1,967               | 9,227         | 1,983         | 592           | 822           | 5,044         | 5,864            | 1,716         |
| Electric heat pump . . . . .                                         | 13,523               | 9,782         | 3,741         | 522                           | 1,145                     | 1,786                     | 1,372         | 2,955                       | 1,762               | 419           | 768           | 10,803        | 1,534         | 3,130         | 7,545            | 2,849         |
| Built-in electric units . . . . .                                    | 4,865                | 1,999         | 2,867         | 70                            | 60                        | 499                       | 507           | 1,154                       | 1,066               | 1,304         | 1,085         | 761           | 1,716         | 1,305         | 2,215            | 1,345         |
| Floor, wall, or other built-in hot-air units without ducts . . . . . | 4,505                | 1,808         | 2,697         | 55                            | 134                       | 573                       | 1,316         | 943                         | 1,231               | 360           | 361           | 1,101         | 2,683         | 1,733         | 2,023            | 750           |
| Room heaters with flue . . . . .                                     | 932                  | 555           | 377           | 19                            | 51                        | 119                       | 108           | 308                         | 242                 | 133           | 101           | 441           | 257           | 213           | 287              | 433           |
| Room heaters without flue . . . . .                                  | 1,094                | 629           | 465           | 3                             | 131                       | 298                       | 190           | 302                         | 376                 | 28            | 77            | 929           | 60            | 260           | 266              | 567           |
| Portable electric heaters . . . . .                                  | 1,431                | 720           | 711           | 3                             | 306                       | 186                       | 544           | 264                         | 530                 | 21            | 66            | 960           | 383           | 481           | 623              | 327           |
| Stoves . . . . .                                                     | 1,067                | 879           | 188           | 11                            | 149                       | 32                        | 62            | 246                         | 200                 | 201           | 158           | 353           | 355           | 30            | 404              | 633           |
| Fireplaces with inserts . . . . .                                    | 176                  | 165           | 10            | Z                             | 1                         | 5                         | 10            | 64                          | 11                  | 18            | 41            | 45            | 72            | 18            | 75               | 83            |
| Fireplaces without inserts . . . . .                                 | 63                   | 46            | 17            | Z                             | 4                         | 6                         | 17            | 14                          | 17                  | Z             | 5             | 29            | 29            | 9             | 33               | 20            |
| Cooking stove . . . . .                                              | 90                   | 37            | 53            | Z                             | 14                        | 14                        | 45            | 18                          | 28                  | 19            | Z             | 58            | 13            | 41            | 30               | 18            |
| Other . . . . .                                                      | 381                  | 220           | 162           | 11                            | 40                        | 53                        | 73            | 75                          | 122                 | 52            | 32            | 203           | 95            | 111           | 193              | 77            |
| None . . . . .                                                       | 468                  | 215           | 253           | 18                            | 15                        | 11                        | 142           | 87                          | 105                 | 3             | 1             | 59            | 405           | 94            | 366              | 7             |
| <b>Main House Heating Fuel</b>                                       |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Housing units with heating fuel . . . . .                            | 114,439              | 75,876        | 38,563        | 2,553                         | 7,175                     | 14,683                    | 13,699        | 24,971                      | 18,023              | 21,063        | 25,682        | 42,524        | 25,170        | 33,798        | 57,852           | 22,789        |
| Electricity . . . . .                                                | 40,385               | 22,901        | 17,484        | 1,325                         | 3,918                     | 6,285                     | 5,567         | 7,913                       | 7,617               | 2,682         | 4,570         | 25,377        | 7,756         | 11,503        | 20,448           | 8,434         |
| Piped gas . . . . .                                                  | 57,721               | 40,657        | 17,064        | 1,019                         | 1,587                     | 7,205                     | 6,928         | 12,644                      | 8,117               | 10,241        | 18,073        | 13,615        | 15,791        | 19,479        | 29,650           | 8,591         |
| Bottled gas . . . . .                                                | 5,415                | 4,540         | 875           | 116                           | 1,003                     | 310                       | 264           | 1,550                       | 700                 | 751           | 1,947         | 1,914         | 803           | 286           | 2,336            | 2,793         |
| Fuel oil . . . . .                                                   | 8,061                | 5,490         | 2,571         | 42                            | 192                       | 749                       | 787           | 2,170                       | 1,078               | 6,626         | 528           | 735           | 173           | 2,326         | 4,262            | 1,474         |
| Kerosene or other liquid fuel . . . . .                              | 538                  | 357           | 181           | 7                             | 219                       | 80                        | 38            | 128                         | 153                 | 191           | 21            | 292           | 34            | 68            | 218              | 252           |
| Coal or coke . . . . .                                               | 79                   | 65            | 14            | Z                             | 2                         | Z                         | 1             | 10                          | 8                   | 56            | 12            | 9             | 1             | Z             | 53               | 26            |
| Wood . . . . .                                                       | 1,971                | 1,694         | 278           | 25                            | 239                       | 41                        | 95            | 495                         | 306                 | 459           | 439           | 531           | 542           | 60            | 768              | 1,143         |
| Solar energy . . . . .                                               | 14                   | 10            | 5             | 3                             | Z                         | Z                         | 1             | 3                           | 3                   | 2             | Z             | 3             | 10            | 2             | 8                | 4             |
| Other . . . . .                                                      | 255                  | 164           | 91            | 15                            | 15                        | 13                        | 19            | 57                          | 42                  | 54            | 91            | 48            | 62            | 73            | 108              | 73            |
| <b>Other Heating Equipment<sup>1</sup></b>                           |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Warm-air furnace . . . . .                                           | 255                  | 226           | 29            | 7                             | 24                        | 6                         | 9             | 66                          | 17                  | 38            | 93            | 72            | 52            | 31            | 111              | 113           |
| Steam or hot water system . . . . .                                  | 40                   | 35            | 4             | Z                             | Z                         | 6                         | Z             | 23                          | 2                   | 25            | 8             | 4             | 3             | 3             | 19               | 17            |
| Electric heat pump . . . . .                                         | 83                   | 52            | 31            | Z                             | 2                         | 13                        | 3             | 35                          | 12                  | 8             | 22            | 36            | 18            | 23            | 25               | 36            |
| Built-in electric units . . . . .                                    | 2,233                | 1,736         | 497           | 27                            | 99                        | 165                       | 131           | 552                         | 279                 | 485           | 522           | 615           | 611           | 500           | 1,071            | 663           |
| Floor, wall, or other built-in hot-air units without ducts . . . . . | 72                   | 58            | 14            | Z                             | 5                         | 1                         | 3             | 25                          | 9                   | 19            | 10            | 23            | 21            | 10            | 33               | 29            |
| Room heaters with flue . . . . .                                     | 791                  | 696           | 95            | 8                             | 91                        | 53                        | 43            | 326                         | 93                  | 202           | 146           | 289           | 153           | 100           | 355              | 336           |
| Room heaters without flue . . . . .                                  | 1,516                | 1,235         | 280           | 4                             | 206                       | 200                       | 81            | 434                         | 236                 | 218           | 311           | 853           | 134           | 282           | 592              | 641           |
| Portable electric heaters . . . . .                                  | 15,584               | 10,889        | 4,694         | 178                           | 1,226                     | 2,111                     | 1,544         | 3,645                       | 2,301               | 2,630         | 3,787         | 5,262         | 3,904         | 4,559         | 7,567            | 3,458         |
| Stoves . . . . .                                                     | 4,042                | 3,624         | 418           | 34                            | 308                       | 102                       | 183           | 990                         | 412                 | 1,164         | 872           | 968           | 1,039         | 314           | 2,069            | 1,658         |
| Fireplaces with inserts . . . . .                                    | 5,273                | 4,730         | 543           | 206                           | 345                       | 435                       | 293           | 1,174                       | 386                 | 730           | 1,061         | 2,023         | 1,460         | 871           | 2,960            | 1,442         |
| Fireplaces without inserts . . . . .                                 | 5,998                | 4,850         | 1,148         | 194                           | 219                       | 621                       | 621           | 986                         | 511                 | 664           | 871           | 2,515         | 1,948         | 1,438         | 3,529            | 1,031         |
| Cooking stove . . . . .                                              | 82                   | 50            | 31            | Z                             | 2                         | 13                        | 3             | 34                          | 12                  | 8             | 20            | 36            | 18            | 23            | 25               | 34            |
| Other . . . . .                                                      | 810                  | 696           | 114           | 19                            | 53                        | 40                        | 40            | 211                         | 73                  | 208           | 182           | 232           | 187           | 119           | 404              | 287           |
| None . . . . .                                                       | 80,959               | 49,983        | 30,975        | 1,901                         | 4,786                     | 11,106                    | 10,897        | 17,218                      | 13,883              | 15,209        | 18,420        | 30,634        | 16,696        | 25,994        | 40,869           | 14,096        |
| <b>Air Conditioning<sup>2</sup></b>                                  |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Central . . . . .                                                    | 75,748               | 55,133        | 20,615        | 2,224                         | 4,554                     | 9,417                     | 8,000         | 16,502                      | 9,732               | 7,433         | 18,308        | 36,677        | 13,329        | 20,249        | 41,626           | 13,873        |
| Additional central . . . . .                                         | 6,466                | 5,278         | 1,188         | 283                           | 293                       | 709                       | 714           | 1,360                       | 685                 | 449           | 816           | 4,111         | 1,089         | 1,664         | 3,710            | 1,092         |
| Room (air conditioning) units:                                       |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| 1 unit . . . . .                                                     | 11,923               | 5,101         | 6,822         | 94                            | 771                       | 1,830                     | 1,635         | 2,745                       | 3,061               | 4,205         | 3,365         | 1,537         | 2,816         | 4,390         | 4,713            | 2,820         |
| 2 units . . . . .                                                    | 8,474                | 4,810         | 3,664         | 33                            | 762                       | 1,309                     | 1,198         | 1,762                       | 1,801               | 3,902         | 1,756         | 1,986         | 831           | 2,872         | 3,648            | 1,954         |
| 3 units or more . . . . .                                            | 5,637                | 3,913         | 1,724         | 6                             | 390                       | 857                       | 881           | 1,037                       | 865                 | 2,996         | 671           | 1,666         | 304           | 1,855         | 2,598            | 1,184         |

See footnotes at end of table.

Table C-03-AO.

**Heating, Air Conditioning, and Appliances—All Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                       | Total occupied units | Tenure |        | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |          |        |        | Inside MSA   |                  |              |
|-----------------------------------------------------------------------|----------------------|--------|--------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|----------|--------|--------|--------------|------------------|--------------|
|                                                                       |                      | Owner  | Renter | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Mid-west | South  | West   | Central city | Not central city | Out-side MSA |
|                                                                       |                      |        |        |                               |                           |                           |          |                             |                     |            |          |        |        |              |                  |              |
| <b>Central Air Conditioning Fuel</b>                                  |                      |        |        |                               |                           |                           |          |                             |                     |            |          |        |        |              |                  |              |
| With central air conditioning . . .                                   | 75,748               | 55,133 | 20,615 | 2,224                         | 4,554                     | 9,417                     | 8,000    | 16,502                      | 9,732               | 7,433      | 18,308   | 36,677 | 13,329 | 20,249       | 41,626           | 13,873       |
| Electricity . . . . .                                                 | 73,874               | 53,661 | 20,213 | 2,162                         | 4,475                     | 9,206                     | 7,809    | 15,980                      | 9,516               | 7,064      | 17,769   | 36,271 | 12,771 | 19,662       | 40,658           | 13,555       |
| Piped gas . . . . .                                                   | 1,614                | 1,239  | 375    | 55                            | 33                        | 192                       | 184      | 423                         | 198                 | 326        | 462      | 322    | 503    | 562          | 850              | 203          |
| Other . . . . .                                                       | 260                  | 232    | 27     | 7                             | 46                        | 19                        | 7        | 99                          | 17                  | 43         | 78       | 85     | 55     | 25           | 118              | 116          |
| <b>Other Central Air Fuel</b>                                         |                      |        |        |                               |                           |                           |          |                             |                     |            |          |        |        |              |                  |              |
| With other central air . . . . .                                      | 6,466                | 5,278  | 1,188  | 283                           | 293                       | 709                       | 714      | 1,360                       | 685                 | 449        | 816      | 4,111  | 1,089  | 1,664        | 3,710            | 1,092        |
| Electricity . . . . .                                                 | 6,265                | 5,108  | 1,157  | 277                           | 288                       | 686                       | 686      | 1,315                       | 663                 | 419        | 791      | 4,007  | 1,049  | 1,603        | 3,605            | 1,057        |
| Gas . . . . .                                                         | 183                  | 152    | 31     | 6                             | 3                         | 23                        | 25       | 39                          | 22                  | 28         | 25       | 97     | 32     | 58           | 93               | 32           |
| Other . . . . .                                                       | 18                   | 18     | Z      | Z                             | 2                         | Z                         | 3        | 5                           | 1                   | 2          | Z        | 7      | 9      | 4            | 11               | 3            |
| <b>Water Heating Fuel</b>                                             |                      |        |        |                               |                           |                           |          |                             |                     |            |          |        |        |              |                  |              |
| With hot piped water . . . . .                                        | 114,718              | 75,996 | 38,722 | 2,564                         | 7,168                     | 14,647                    | 13,822   | 25,032                      | 18,029              | 21,016     | 25,656   | 42,495 | 25,552 | 33,825       | 58,164           | 22,729       |
| Electricity . . . . .                                                 | 47,322               | 29,633 | 17,690 | 1,356                         | 5,430                     | 6,563                     | 4,880    | 10,457                      | 8,495               | 4,965      | 7,667    | 27,637 | 7,054  | 10,937       | 23,627           | 12,758       |
| Piped gas . . . . .                                                   | 58,456               | 39,807 | 18,649 | 1,057                         | 1,230                     | 7,456                     | 8,087    | 12,296                      | 8,450               | 10,601     | 16,705   | 13,608 | 17,542 | 20,933       | 30,072           | 7,450        |
| Bottled gas . . . . .                                                 | 3,786                | 3,181  | 605    | 115                           | 482                       | 170                       | 242      | 974                         | 379                 | 789        | 1,143    | 1,049  | 806    | 264          | 1,786            | 1,736        |
| Fuel oil . . . . .                                                    | 4,722                | 3,040  | 1,682  | 18                            | 12                        | 434                       | 584      | 1,203                       | 649                 | 4,548      | 34       | 136    | 4      | 1,620        | 2,453            | 649          |
| Solar energy . . . . .                                                | 147                  | 126    | 20     | 7                             | Z                         | 4                         | 14       | 45                          | 5                   | 17         | 4        | 25     | 100    | 21           | 112              | 14           |
| Other . . . . .                                                       | 285                  | 209    | 76     | 11                            | 14                        | 20                        | 15       | 57                          | 52                  | 96         | 103      | 40     | 46     | 50           | 114              | 121          |
| <b>Kitchen and Laundry Equipment<sup>1</sup></b>                      |                      |        |        |                               |                           |                           |          |                             |                     |            |          |        |        |              |                  |              |
| With complete kitchen (sink, refrigerator, and oven or burners) . . . | 112,898              | 75,642 | 37,256 | 2,538                         | 7,138                     | 14,300                    | 13,447   | 24,775                      | 17,506              | 20,559     | 25,278   | 42,091 | 24,970 | 32,965       | 57,435           | 22,498       |
| Lacking complete kitchen facilities. . . .                            | 2,010                | 450    | 1,560  | 33                            | 53                        | 394                       | 395      | 283                         | 623                 | 507        | 404      | 493    | 606    | 928          | 783              | 298          |
| Kitchen sink . . . . .                                                | 114,581              | 75,954 | 38,628 | 2,561                         | 7,160                     | 14,649                    | 13,778   | 25,006                      | 18,013              | 20,995     | 25,621   | 42,500 | 25,465 | 33,778       | 58,071           | 22,733       |
| Disposal in kitchen sink . . . . .                                    | 58,958               | 40,715 | 18,243 | 1,887                         | 1,183                     | 6,208                     | 6,906    | 11,761                      | 6,662               | 5,664      | 13,354   | 21,154 | 18,785 | 18,190       | 33,522           | 7,246        |
| Refrigerator . . . . .                                                | 114,567              | 75,916 | 38,651 | 2,566                         | 7,163                     | 14,627                    | 13,783   | 24,984                      | 17,998              | 20,993     | 25,603   | 42,478 | 25,493 | 33,767       | 58,097           | 22,703       |
| Cooking stove or range . . . . .                                      | 114,079              | 75,796 | 38,283 | 2,556                         | 7,115                     | 14,578                    | 13,691   | 24,854                      | 17,837              | 20,932     | 25,531   | 42,275 | 25,341 | 33,566       | 57,886           | 22,626       |
| Burners, no stove or range . . . . .                                  | 213                  | 97     | 116    | Z                             | 27                        | 33                        | 49       | 52                          | 78                  | 42         | 37       | 75     | 59     | 76           | 97               | 39           |
| Microwave oven only . . . . .                                         | 450                  | 156    | 294    | 8                             | 36                        | 58                        | 69       | 112                         | 142                 | 54         | 90       | 185    | 122    | 161          | 180              | 109          |
| Dishwasher . . . . .                                                  | 77,069               | 57,759 | 19,310 | 2,363                         | 3,673                     | 7,161                     | 6,716    | 15,884                      | 7,636               | 12,543     | 16,151   | 29,858 | 18,517 | 19,697       | 43,921           | 13,451       |
| Trash compactor . . . . .                                             | 3,777                | 2,982  | 796    | 161                           | 60                        | 460                       | 447      | 967                         | 327                 | 542        | 602      | 1,435  | 1,199  | 1,047        | 2,207            | 523          |
| Washing machine . . . . .                                             | 95,567               | 73,624 | 21,943 | 2,399                         | 6,711                     | 10,345                    | 9,586    | 21,782                      | 11,990              | 15,592     | 21,761   | 37,491 | 20,723 | 23,971       | 51,001           | 20,595       |
| Clothes dryer . . . . .                                               | 93,052               | 72,397 | 20,655 | 2,375                         | 6,457                     | 9,645                     | 8,870    | 20,971                      | 11,039              | 14,814     | 21,521   | 36,407 | 20,311 | 22,828       | 50,141           | 20,084       |
| <b>ENERGY STAR® Rated Appliances<sup>1</sup></b>                      |                      |        |        |                               |                           |                           |          |                             |                     |            |          |        |        |              |                  |              |
| Refrigerator . . . . .                                                | 39,979               | 32,006 | 7,973  | 1,648                         | 2,010                     | 3,909                     | 4,004    | 8,066                       | 4,048               | 8,563      | 8,067    | 13,259 | 10,090 | 10,533       | 21,718           | 7,727        |
| Dishwasher . . . . .                                                  | 25,799               | 22,417 | 3,381  | 1,491                         | 1,115                     | 1,789                     | 1,817    | 4,505                       | 1,688               | 5,142      | 5,095    | 8,984  | 6,578  | 5,822        | 15,244           | 4,733        |
| Trash compactor . . . . .                                             | 657                  | 580    | 77     | 83                            | 22                        | 62                        | 71       | 124                         | 34                  | 90         | 83       | 233    | 252    | 153          | 387              | 117          |
| Washing machine . . . . .                                             | 34,681               | 29,293 | 5,388  | 1,584                         | 1,832                     | 2,985                     | 3,110    | 6,223                       | 2,866               | 6,587      | 7,164    | 12,269 | 8,661  | 8,221        | 19,367           | 7,092        |
| Clothes dryer . . . . .                                               | 15,295               | 12,380 | 2,915  | 360                           | 1,010                     | 1,490                     | 1,484    | 2,801                       | 1,479               | 2,687      | 3,457    | 5,462  | 3,690  | 3,689        | 8,275            | 3,331        |
| Central air conditioning equipment . . . .                            | 15,402               | 13,448 | 1,954  | 1,173                         | 764                       | 1,351                     | 1,308    | 3,163                       | 1,240               | 1,843      | 3,598    | 6,963  | 2,999  | 3,516        | 8,890            | 2,997        |
| Room air conditioner . . . . .                                        | 10,343               | 6,471  | 3,872  | 63                            | 850                       | 1,504                     | 1,366    | 1,886                       | 1,663               | 5,075      | 1,775    | 2,219  | 1,275  | 3,655        | 4,524            | 2,164        |
| Heating equipment . . . . .                                           | 17,480               | 15,021 | 2,459  | 1,021                         | 819                       | 1,523                     | 1,393    | 3,595                       | 1,476               | 3,459      | 4,680    | 5,367  | 3,974  | 4,324        | 9,663            | 3,493        |
| <b>Cooking Fuel</b>                                                   |                      |        |        |                               |                           |                           |          |                             |                     |            |          |        |        |              |                  |              |
| With cooking fuel. . . . .                                            | 114,729              | 76,044 | 38,685 | 2,565                         | 7,176                     | 14,665                    | 13,803   | 25,014                      | 18,053              | 21,023     | 25,657   | 42,529 | 25,521 | 33,796       | 58,161           | 22,772       |
| Electricity . . . . .                                                 | 68,879               | 45,154 | 23,724 | 1,566                         | 4,593                     | 8,210                     | 6,266    | 15,617                      | 10,636              | 9,242      | 15,099   | 31,510 | 13,027 | 17,514       | 35,323           | 16,042       |
| Piped gas . . . . .                                                   | 40,778               | 26,537 | 14,240 | 859                           | 1,466                     | 6,165                     | 7,170    | 8,021                       | 6,708               | 10,237     | 9,466    | 9,331  | 11,744 | 16,009       | 20,382           | 4,387        |
| Bottled gas . . . . .                                                 | 4,981                | 4,265  | 717    | 136                           | 1,104                     | 286                       | 363      | 1,359                       | 688                 | 1,525      | 1,076    | 1,650  | 731    | 254          | 2,424            | 2,304        |
| Other . . . . .                                                       | 92                   | 88     | 3      | 4                             | 13                        | 3                         | 4        | 18                          | 22                  | 20         | 15       | 37     | 19     | 19           | 33               | 40           |
| <b>Clothes Dryer Fuel</b>                                             |                      |        |        |                               |                           |                           |          |                             |                     |            |          |        |        |              |                  |              |
| With clothes dryer . . . . .                                          | 93,052               | 72,397 | 20,655 | 2,375                         | 6,457                     | 9,645                     | 8,870    | 20,971                      | 11,039              | 14,814     | 21,521   | 36,407 | 20,311 | 22,828       | 50,141           | 20,084       |
| Electricity . . . . .                                                 | 72,693               | 55,333 | 17,359 | 1,963                         | 5,894                     | 7,770                     | 6,386    | 16,235                      | 9,037               | 10,266     | 14,981   | 33,758 | 13,688 | 17,210       | 37,367           | 18,116       |
| Piped gas . . . . .                                                   | 19,016               | 15,859 | 3,156  | 375                           | 401                       | 1,846                     | 2,408    | 4,382                       | 1,903               | 4,082      | 6,164    | 2,422  | 6,348  | 5,539        | 12,038           | 1,438        |
| Other . . . . .                                                       | 1,344                | 1,204  | 139    | 36                            | 163                       | 30                        | 76       | 355                         | 98                  | 466        | 376      | 227    | 275    | 78           | 736              | 530          |

<sup>1</sup> Figures may not add to total because more than one category may apply to a unit.<sup>2</sup> Includes only those who responded they had some type of air conditioning.

Table C-04-AO.

**Plumbing, Water, and Sewage Disposal—All Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                         | Total occupied units | Tenure        |               | Housing unit characteristics  |                           | Household characteristics |               |                             |                     | Regions       |               |               |               | Inside MSA    |                  |               |
|---------------------------------------------------------|----------------------|---------------|---------------|-------------------------------|---------------------------|---------------------------|---------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                         |                      | Owner         | Renter        | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic      | Elderly (65 years and over) | Below poverty level | North-east    | Mid-west      | South         | West          | Central city  | Not central city | Outside MSA   |
| <b>Total</b> .....                                      | <b>114,907</b>       | <b>76,091</b> | <b>38,816</b> | <b>2,571</b>                  | <b>7,190</b>              | <b>14,694</b>             | <b>13,841</b> | <b>25,058</b>               | <b>18,129</b>       | <b>21,066</b> | <b>25,682</b> | <b>42,584</b> | <b>25,575</b> | <b>33,892</b> | <b>58,218</b>    | <b>22,797</b> |
| <b>Primary Source of Water</b>                          |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Public or private system .....                          | 101,397              | 64,327        | 37,070        | 2,289                         | 5,211                     | 14,140                    | 13,294        | 21,415                      | 16,548              | 17,855        | 21,804        | 37,733        | 24,004        | 33,422        | 51,091           | 16,884        |
| Well serving 1 to 5 units .....                         | 13,131               | 11,515        | 1,615         | 272                           | 1,915                     | 541                       | 523           | 3,529                       | 1,504               | 3,120         | 3,832         | 4,670         | 1,509         | 451           | 6,958            | 5,721         |
| Drilled .....                                           | 11,849               | 10,518        | 1,331         | 246                           | 1,723                     | 451                       | 444           | 3,217                       | 1,308               | 2,749         | 3,522         | 4,214         | 1,365         | 400           | 6,343            | 5,105         |
| Dug .....                                               | 808                  | 689           | 120           | 17                            | 155                       | 67                        | 44            | 255                         | 124                 | 233           | 187           | 315           | 73            | 19            | 384              | 406           |
| Not reported .....                                      | 473                  | 309           | 165           | 9                             | 36                        | 23                        | 35            | 57                          | 71                  | 138           | 122           | 141           | 71            | 32            | 231              | 210           |
| Other .....                                             | 380                  | 249           | 131           | 9                             | 65                        | 13                        | 25            | 114                         | 77                  | 91            | 47            | 180           | 62            | 20            | 169              | 192           |
| <b>Safety of Primary Source of Water</b>                |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Selected primary water sources <sup>1</sup> .....       | 114,841              | 76,068        | 38,773        | 2,567                         | 7,189                     | 14,684                    | 13,827        | 25,054                      | 18,116              | 21,059        | 25,682        | 42,540        | 25,559        | 33,877        | 58,174           | 22,790        |
| Safe to drink .....                                     | 104,397              | 70,716        | 33,681        | 2,367                         | 6,471                     | 12,902                    | 10,976        | 23,403                      | 15,580              | 19,365        | 24,174        | 38,798        | 22,060        | 30,232        | 53,031           | 21,134        |
| Not safe to drink .....                                 | 9,345                | 4,684         | 4,661         | 173                           | 648                       | 1,592                     | 2,748         | 1,362                       | 2,295               | 1,507         | 1,309         | 3,257         | 3,272         | 3,340         | 4,597            | 1,409         |
| Safety not reported .....                               | 1,099                | 668           | 431           | 27                            | 71                        | 190                       | 102           | 290                         | 240                 | 188           | 199           | 485           | 227           | 305           | 547              | 248           |
| <b>Safety of Well Water</b>                             |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Well primary source of water ..                         | 13,801               | 11,990        | 1,812         | 282                           | 2,163                     | 560                       | 571           | 3,645                       | 1,631               | 3,256         | 4,036         | 4,891         | 1,619         | 481           | 7,285            | 6,035         |
| Well has been disinfected .....                         | 4,009                | 3,618         | 391           | 68                            | 553                       | 121                       | 144           | 1,100                       | 474                 | 858           | 1,271         | 1,444         | 435           | 112           | 2,188            | 1,708         |
| Well has not been disinfected ..                        | 8,989                | 7,825         | 1,164         | 198                           | 1,434                     | 409                       | 352           | 2,368                       | 1,027               | 2,206         | 2,563         | 3,207         | 1,014         | 325           | 4,668            | 3,996         |
| Not reported .....                                      | 804                  | 547           | 257           | 15                            | 177                       | 30                        | 75            | 178                         | 130                 | 191           | 202           | 240           | 170           | 43            | 429              | 331           |
| <b>Source of Drinking Water</b>                         |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Primary source not safe to drink .....                  | 9,345                | 4,684         | 4,661         | 173                           | 648                       | 1,592                     | 2,748         | 1,362                       | 2,295               | 1,507         | 1,309         | 3,257         | 3,272         | 3,340         | 4,597            | 1,409         |
| Drinking and primary water source the same .....        | 1,362                | 743           | 620           | 27                            | 124                       | 231                       | 289           | 221                         | 329                 | 258           | 237           | 573           | 295           | 484           | 645              | 234           |
| Public or private system .....                          | 1,281                | 680           | 602           | 24                            | 107                       | 229                       | 288           | 198                         | 319                 | 237           | 223           | 542           | 280           | 482           | 602              | 198           |
| Individual well .....                                   | 73                   | 57            | 16            | 2                             | 13                        | 1                         | 2             | 19                          | 10                  | 18            | 14            | 30            | 11            | 3             | 37               | 33            |
| Other .....                                             | 8                    | 6             | 2             | Z                             | 4                         | Z                         | Z             | 4                           | Z                   | 2             | Z             | 2             | 4             | Z             | 6                | 2             |
| Drinking and primary water source different .....       | 7,974                | 3,935         | 4,039         | 146                           | 524                       | 1,361                     | 2,459         | 1,140                       | 1,964               | 1,249         | 1,068         | 2,684         | 2,973         | 2,855         | 3,944            | 1,175         |
| Public or private system .....                          | 14                   | 9             | 5             | Z                             | Z                         | Z                         | Z             | Z                           | 3                   | 8             | 6             | Z             | Z             | Z             | 11               | 3             |
| Individual well .....                                   | 33                   | 27            | 6             | Z                             | 9                         | 3                         | 8             | 7                           | 1                   | 1             | 4             | 22            | 6             | 13            | 6                | 14            |
| Commercial bottled water .....                          | 6,230                | 2,951         | 3,280         | 101                           | 440                       | 1,174                     | 2,057         | 859                         | 1,621               | 936           | 812           | 2,205         | 2,277         | 2,217         | 3,115            | 899           |
| Other .....                                             | 1,696                | 948           | 748           | 46                            | 75                        | 185                       | 394           | 274                         | 339                 | 303           | 246           | 457           | 690           | 626           | 811              | 259           |
| Source of drinking water not reported ..                | 9                    | 7             | 2             | Z                             | Z                         | Z                         | Z             | Z                           | 2                   | Z             | 5             | Z             | 4             | 1             | 8                | Z             |
| <b>Plumbing Facilities</b>                              |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| With all plumbing facilities .....                      | 113,472              | 75,453        | 38,019        | 2,550                         | 7,086                     | 14,424                    | 13,618        | 24,755                      | 17,742              | 20,660        | 25,434        | 42,054        | 25,324        | 33,281        | 57,668           | 22,524        |
| Lacking some or all plumbing facilities <sup>2</sup> .. | 1,435                | 638           | 797           | 21                            | 104                       | 270                       | 224           | 303                         | 387                 | 406           | 249           | 529           | 251           | 611           | 550              | 273           |
| No hot piped water .....                                | 189                  | 95            | 94            | 7                             | 23                        | 47                        | 20            | 27                          | 99                  | 50            | 27            | 89            | 24            | 68            | 54               | 68            |
| No bathtub and no shower .....                          | 147                  | 54            | 93            | 10                            | 9                         | 14                        | 18            | 29                          | 53                  | 38            | 17            | 63            | 29            | 50            | 55               | 42            |
| No flush toilet .....                                   | 122                  | 55            | 67            | 7                             | Z                         | 20                        | 8             | 27                          | 43                  | 32            | 17            | 47            | 26            | 47            | 28               | 47            |
| No exclusive use .....                                  | 1,183                | 523           | 659           | 11                            | 73                        | 217                       | 189           | 268                         | 266                 | 347           | 217           | 403           | 216           | 528           | 466              | 189           |
| <b>Means of Sewage Disposal</b>                         |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Public sewer .....                                      | 92,636               | 56,649        | 35,986        | 2,034                         | 3,438                     | 13,693                    | 12,807        | 19,095                      | 15,514              | 16,891        | 20,762        | 32,397        | 22,585        | 33,072        | 46,486           | 13,078        |
| Septic tank, cesspool, or chemical toilet .....         | 22,229               | 19,418        | 2,811         | 530                           | 3,752                     | 994                       | 1,035         | 5,952                       | 2,596               | 4,164         | 4,917         | 10,160        | 2,988         | 807           | 11,719           | 9,703         |
| Other .....                                             | 42                   | 24            | 18            | 7                             | Z                         | 8                         | Z             | 11                          | 18                  | 10            | 3             | 27            | 3             | 13            | 13               | 15            |

<sup>1</sup> Excludes units where primary source of drinking water is commercial bottled water.<sup>2</sup> Figures may not add to total because more than one category may apply to a unit.

Table C-05-AO.

**Housing Problems—All Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or

rounds to zero. See Appendix A for definitions]

| Characteristics                                                          | Total occupied units | Tenure        |               | Housing unit characteristics  |                           | Household characteristics |               |                             |                     | Regions       |               |               |               | Inside MSA    |                  | Outside MSA   |
|--------------------------------------------------------------------------|----------------------|---------------|---------------|-------------------------------|---------------------------|---------------------------|---------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                                          |                      | Owner         | Renter        | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic      | Elderly (65 years and over) | Below poverty level | North-east    | Mid-west      | South         | West          | Central city  | Not central city |               |
| <b>Total</b> . . . . .                                                   | <b>114,907</b>       | <b>76,091</b> | <b>38,816</b> | <b>2,571</b>                  | <b>7,190</b>              | <b>14,694</b>             | <b>13,841</b> | <b>25,058</b>               | <b>18,129</b>       | <b>21,066</b> | <b>25,682</b> | <b>42,584</b> | <b>25,575</b> | <b>33,892</b> | <b>58,218</b>    | <b>22,797</b> |
| <b>Selected Physical Problems</b>                                        |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Severe physical problems <sup>1</sup> . . . . .                          | 2,125                | 918           | 1,207         | 31                            | 160                       | 480                       | 352           | 397                         | 603                 | 615           | 368           | 733           | 409           | 922           | 832              | 371           |
| Plumbing . . . . .                                                       | 1,435                | 638           | 797           | 21                            | 104                       | 270                       | 224           | 303                         | 387                 | 406           | 249           | 529           | 251           | 611           | 550              | 273           |
| Heating . . . . .                                                        | 602                  | 238           | 365           | 5                             | 49                        | 189                       | 121           | 81                          | 183                 | 180           | 92            | 178           | 152           | 276           | 259              | 67            |
| Electric . . . . .                                                       | 65                   | 49            | 16            | 5                             | 1                         | 6                         | Z             | 5                           | 19                  | 20            | 22            | 19            | 4             | 7             | 26               | 32            |
| Upkeep . . . . .                                                         | 79                   | 22            | 57            | Z                             | 8                         | 30                        | 16            | 11                          | 38                  | 25            | 12            | 34            | 8             | 43            | 14               | 21            |
| Moderate physical problems <sup>1</sup> . . . . .                        | 4,199                | 1,599         | 2,601         | 29                            | 326                       | 990                       | 761           | 683                         | 1,335               | 844           | 744           | 1,759         | 852           | 1,673         | 1,457            | 1,069         |
| Plumbing . . . . .                                                       | 215                  | 78            | 138           | 3                             | 5                         | 51                        | 57            | 24                          | 63                  | 54            | 43            | 73            | 46            | 94            | 85               | 36            |
| Heating . . . . .                                                        | 1,041                | 617           | 424           | 3                             | 131                       | 280                       | 190           | 294                         | 362                 | 28            | 71            | 885           | 57            | 251           | 239              | 551           |
| Upkeep . . . . .                                                         | 1,242                | 542           | 700           | Z                             | 153                       | 329                       | 172           | 128                         | 427                 | 364           | 279           | 404           | 196           | 554           | 427              | 262           |
| Kitchen . . . . .                                                        | 1,833                | 395           | 1,438         | 23                            | 48                        | 364                       | 367           | 258                         | 542                 | 445           | 379           | 437           | 572           | 846           | 730              | 257           |
| <b>Selected Deficiencies<sup>1</sup></b>                                 |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Signs of rats in last 12 months . . . . .                                | 1,171                | 661           | 510           | 5                             | 143                       | 218                       | 248           | 212                         | 314                 | 161           | 78            | 558           | 374           | 468           | 505              | 197           |
| Signs of mice in last 12 months . . . . .                                | 12,743               | 8,877         | 3,867         | 109                           | 1,430                     | 1,609                     | 1,257         | 2,644                       | 2,201               | 3,809         | 3,081         | 3,917         | 1,937         | 3,364         | 5,719            | 3,661         |
| Signs of rodents, not sure which kind in last 12 months . . . . .        | 695                  | 366           | 328           | 4                             | 49                        | 138                       | 141           | 113                         | 183                 | 83            | 79            | 379           | 153           | 250           | 351              | 93            |
| Signs of cockroaches in last 12 months . . . . .                         | 13,157               | 6,273         | 6,884         | 146                           | 889                       | 2,779                     | 3,052         | 2,182                       | 3,454               | 1,445         | 781           | 8,353         | 2,578         | 5,828         | 5,835            | 1,495         |
| Holes in floors . . . . .                                                | 1,173                | 566           | 608           | 21                            | 205                       | 258                       | 186           | 179                         | 391                 | 273           | 208           | 500           | 192           | 445           | 426              | 302           |
| Open cracks or holes (interior) . . . . .                                | 5,949                | 3,180         | 2,769         | 49                            | 509                       | 1,201                     | 915           | 715                         | 1,514               | 1,285         | 1,252         | 2,287         | 1,125         | 2,222         | 2,499            | 1,228         |
| Broken plaster or peeling paint (interior) . . . . .                     | 2,370                | 1,156         | 1,214         | 13                            | 128                       | 569                       | 366           | 322                         | 622                 | 629           | 536           | 764           | 440           | 1,077         | 808              | 485           |
| No electrical wiring . . . . .                                           | 161                  | 82            | 80            | 8                             | 4                         | 14                        | 32            | 28                          | 53                  | 40            | 23            | 76            | 22            | 51            | 81               | 28            |
| Exposed wiring . . . . .                                                 | 1,820                | 998           | 822           | 40                            | 135                       | 302                       | 268           | 320                         | 448                 | 302           | 402           | 694           | 422           | 548           | 788              | 483           |
| Rooms without electric outlets . . . . .                                 | 765                  | 387           | 378           | 33                            | 53                        | 166                       | 105           | 109                         | 209                 | 158           | 132           | 322           | 153           | 282           | 309              | 174           |
| <b>Flush Toilet Breakdowns</b>                                           |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| With one or more flush toilets . . . . .                                 | 114,786              | 76,036        | 38,749        | 2,564                         | 7,190                     | 14,674                    | 13,833        | 25,032                      | 18,086              | 21,033        | 25,666        | 42,537        | 25,549        | 33,846        | 58,190           | 22,749        |
| With at least one toilet working at all times in last 3 months . . . . . | 111,541              | 74,437        | 37,104        | 2,532                         | 7,051                     | 14,090                    | 13,361        | 24,507                      | 17,253              | 20,423        | 25,047        | 41,272        | 24,799        | 32,776        | 56,657           | 22,109        |
| None working some time in last 3 months . . . . .                        | 2,115                | 807           | 1,308         | 17                            | 77                        | 426                       | 389           | 227                         | 604                 | 441           | 395           | 742           | 537           | 828           | 949              | 338           |
| No breakdowns lasting 6 hours or more . . . . .                          | 590                  | 214           | 376           | 2                             | 12                        | 81                        | 108           | 81                          | 150                 | 112           | 130           | 172           | 176           | 217           | 275              | 98            |
| Number of breakdowns that lasted 6 hours or more:                        |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| 1 . . . . .                                                              | 1,022                | 428           | 594           | 11                            | 41                        | 208                       | 164           | 100                         | 289                 | 222           | 163           | 395           | 242           | 383           | 470              | 168           |
| 2 . . . . .                                                              | 232                  | 65            | 167           | Z                             | 9                         | 61                        | 52            | 19                          | 83                  | 38            | 50            | 83            | 61            | 107           | 98               | 27            |
| 3 . . . . .                                                              | 56                   | 20            | 36            | 3                             | Z                         | 20                        | 12            | 5                           | 9                   | 9             | 11            | 23            | 14            | 26            | 23               | 7             |
| 4 or more . . . . .                                                      | 193                  | 72            | 121           | Z                             | 10                        | 52                        | 52            | 20                          | 63                  | 56            | 35            | 65            | 36            | 86            | 76               | 31            |
| Number of breakdowns not reported . . . . .                              | 22                   | 9             | 14            | Z                             | 4                         | 5                         | 1             | 3                           | 9                   | 4             | 5             | 4             | 9             | 9             | 7                | 7             |
| Breakdowns not reported . . . . .                                        | 1,129                | 792           | 337           | 16                            | 62                        | 158                       | 82            | 298                         | 228                 | 169           | 224           | 523           | 213           | 242           | 584              | 302           |
| <b>Heating Problems</b>                                                  |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| With heating equipment and occupied last winter . . . . .                | 104,438              | 73,996        | 30,442        | 2,248                         | 6,723                     | 13,065                    | 12,044        | 24,455                      | 15,382              | 19,689        | 23,567        | 38,707        | 22,476        | 29,804        | 53,602           | 21,032        |
| Not uncomfortably cold for 24 hours or more . . . . .                    | 92,878               | 66,999        | 25,879        | 2,105                         | 5,678                     | 11,090                    | 10,549        | 22,305                      | 12,826              | 17,104        | 21,086        | 34,634        | 20,054        | 26,224        | 48,056           | 18,598        |
| Uncomfortably cold for 24 hours or more <sup>2</sup> . . . . .           | 9,291                | 5,569         | 3,723         | 108                           | 873                       | 1,608                     | 1,337         | 1,514                       | 2,049               | 2,198         | 2,026         | 3,121         | 1,946         | 2,933         | 4,451            | 1,907         |
| Equipment breakdowns . . . . .                                           | 2,666                | 1,431         | 1,235         | 23                            | 208                       | 639                       | 427           | 358                         | 667                 | 697           | 582           | 837           | 551           | 1,003         | 1,221            | 442           |
| No breakdowns lasting 6 hours or more . . . . .                          | 42                   | 18            | 23            | Z                             | 7                         | 7                         | 7             | 11                          | 17                  | 11            | 8             | 15            | 7             | 19            | 15               | 8             |
| Number of breakdowns that lasted 6 hours or more:                        |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| 1 . . . . .                                                              | 1,574                | 960           | 613           | 16                            | 122                       | 330                       | 218           | 222                         | 339                 | 338           | 400           | 516           | 319           | 543           | 722              | 309           |
| 2 . . . . .                                                              | 423                  | 202           | 221           | 2                             | 28                        | 107                       | 75            | 41                          | 120                 | 161           | 75            | 120           | 67            | 151           | 214              | 57            |
| 3 . . . . .                                                              | 195                  | 77            | 119           | 2                             | 13                        | 59                        | 25            | 22                          | 55                  | 68            | 27            | 55            | 45            | 97            | 82               | 16            |
| 4 or more . . . . .                                                      | 407                  | 161           | 246           | 3                             | 36                        | 130                       | 96            | 59                          | 128                 | 112           | 65            | 123           | 107           | 179           | 177              | 51            |
| Number of breakdowns not reported . . . . .                              | 25                   | 13            | 12            | Z                             | 3                         | 7                         | 5             | 4                           | 9                   | 6             | 6             | 7             | 5             | 14            | 11               | Z             |
| Other causes . . . . .                                                   | 6,826                | 4,222         | 2,605         | 85                            | 676                       | 1,012                     | 956           | 1,172                       | 1,442               | 1,562         | 1,467         | 2,361         | 1,437         | 2,026         | 3,306            | 1,495         |
| Utility interruption . . . . .                                           | 2,151                | 1,734         | 417           | 40                            | 236                       | 177                       | 190           | 455                         | 305                 | 451           | 581           | 807           | 312           | 379           | 1,181            | 592           |
| Inadequate heating capacity . . . . .                                    | 1,318                | 547           | 771           | 4                             | 93                        | 261                       | 291           | 211                         | 387                 | 350           | 222           | 507           | 239           | 590           | 520              | 208           |
| Inadequate insulation . . . . .                                          | 1,216                | 533           | 683           | 9                             | 120                       | 282                       | 194           | 165                         | 344                 | 292           | 264           | 385           | 274           | 470           | 523              | 223           |
| Cost of heating . . . . .                                                | 1,146                | 735           | 412           | 10                            | 137                       | 137                       | 154           | 158                         | 244                 | 283           | 202           | 356           | 305           | 268           | 620              | 258           |
| Other . . . . .                                                          | 1,529                | 911           | 618           | 28                            | 120                       | 290                       | 242           | 233                         | 334                 | 334           | 285           | 504           | 405           | 537           | 702              | 290           |
| Not reported . . . . .                                                   | 20                   | 9             | 11            | Z                             | Z                         | 2                         | 3             | 9                           | 8                   | 11            | Z             | 6             | 2             | 6             | 7                | 6             |
| Reason for discomfort not reported . . . . .                             | 36                   | 12            | 24            | Z                             | Z                         | 16                        | 7             | 5                           | 13                  | 18            | 13            | 2             | 3             | 18            | 16               | 2             |
| Discomfort not reported . . . . .                                        | 2,268                | 1,428         | 840           | 35                            | 171                       | 367                       | 159           | 636                         | 507                 | 386           | 455           | 951           | 476           | 646           | 1,095            | 527           |

See footnotes at end of table.

Table C-05-AO.

**Housing Problems—All Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                  | Total<br>occu-<br>pied<br>units | Tenure |        | Housing unit<br>characteristics                  |                                            | Household characteristics |               |                                         |                           | Regions        |              |        |        | Inside MSA      |                        | Out-<br>side<br>MSA |
|------------------------------------------------------------------|---------------------------------|--------|--------|--------------------------------------------------|--------------------------------------------|---------------------------|---------------|-----------------------------------------|---------------------------|----------------|--------------|--------|--------|-----------------|------------------------|---------------------|
|                                                                  |                                 | Owner  | Renter | New<br>con-<br>struc-<br>tion<br>past 4<br>years | Manu-<br>fac-<br>tured/<br>mobile<br>homes | Black<br>alone            | His-<br>panic | Elderly<br>(65<br>years<br>and<br>over) | Below<br>poverty<br>level | North-<br>east | Mid-<br>west | South  | West   | Central<br>city | Not<br>central<br>city |                     |
|                                                                  |                                 |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |        |        |                 |                        |                     |
| <b>Electric Fuses and Circuit Breakers</b>                       |                                 |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |        |        |                 |                        |                     |
| With electrical wiring . . . . .                                 | 114,746                         | 76,010 | 38,736 | 2,563                                            | 7,186                                      | 14,680                    | 13,810        | 25,031                                  | 18,075                    | 21,026         | 25,660       | 42,507 | 25,553 | 33,841          | 58,137                 | 22,768              |
| No fuses or breakers blown in last 3 months . . . . .            | 102,685                         | 67,982 | 34,702 | 2,271                                            | 6,444                                      | 13,114                    | 12,658        | 23,113                                  | 16,184                    | 18,588         | 22,765       | 38,298 | 23,034 | 30,321          | 51,989                 | 20,375              |
| With fuses or breakers blown in last 3 months . . . . .          | 10,661                          | 7,061  | 3,599  | 261                                              | 677                                        | 1,351                     | 1,062         | 1,542                                   | 1,623                     | 2,236          | 2,615        | 3,556  | 2,254  | 3,179           | 5,445                  | 2,036               |
| 1 time . . . . .                                                 | 5,689                           | 4,010  | 1,679  | 156                                              | 345                                        | 667                       | 564           | 1,053                                   | 805                       | 1,132          | 1,379        | 1,973  | 1,206  | 1,641           | 2,955                  | 1,092               |
| 2 times . . . . .                                                | 2,417                           | 1,637  | 779    | 65                                               | 130                                        | 348                       | 221           | 255                                     | 326                       | 515            | 602          | 817    | 482    | 738             | 1,195                  | 484                 |
| 3 times . . . . .                                                | 1,014                           | 597    | 418    | 19                                               | 76                                         | 115                       | 99            | 129                                     | 171                       | 237            | 253          | 280    | 245    | 298             | 511                    | 205                 |
| 4 times or more . . . . .                                        | 1,457                           | 754    | 703    | 18                                               | 118                                        | 206                       | 169           | 95                                      | 301                       | 330            | 369          | 457    | 300    | 487             | 724                    | 245                 |
| Number of times not reported . . . . .                           | 84                              | 64     | 20     | 2                                                | 8                                          | 14                        | 10            | 11                                      | 21                        | 22             | 13           | 29     | 20     | 15              | 60                     | 10                  |
| Problem not reported or don't know . . . . .                     | 1,401                           | 966    | 435    | 31                                               | 64                                         | 215                       | 90            | 376                                     | 267                       | 202            | 280          | 653    | 266    | 341             | 702                    | 357                 |
| <b>Water Supply Stoppage</b>                                     |                                 |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |        |        |                 |                        |                     |
| With hot and cold piped water . . . . .                          | 114,718                         | 75,996 | 38,722 | 2,564                                            | 7,168                                      | 14,647                    | 13,822        | 25,032                                  | 18,029                    | 21,016         | 25,656       | 42,495 | 25,552 | 33,825          | 58,164                 | 22,729              |
| No stoppage in last 3 months . . . . .                           | 109,049                         | 72,622 | 36,427 | 2,476                                            | 6,601                                      | 13,968                    | 13,141        | 23,963                                  | 16,976                    | 19,760         | 24,664       | 40,289 | 24,336 | 32,228          | 55,268                 | 21,553              |
| With stoppage in last 3 months . . . . .                         | 4,571                           | 2,613  | 1,958  | 73                                               | 504                                        | 536                       | 600           | 783                                     | 841                       | 1,098          | 773          | 1,688  | 1,012  | 1,354           | 2,350                  | 868                 |
| No stoppage lasting 6 hours or more . . . . .                    | 996                             | 530    | 466    | 12                                               | 98                                         | 106                       | 142           | 241                                     | 169                       | 151            | 157          | 378    | 310    | 341             | 520                    | 135                 |
| Number of stoppages that lasted 6 hours or more:                 |                                 |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |        |        |                 |                        |                     |
| 1 . . . . .                                                      | 2,302                           | 1,404  | 898    | 42                                               | 241                                        | 238                       | 254           | 371                                     | 391                       | 578            | 420          | 848    | 455    | 619             | 1,191                  | 492                 |
| 2 . . . . .                                                      | 616                             | 318    | 298    | 12                                               | 73                                         | 70                        | 92            | 88                                      | 114                       | 145            | 97           | 237    | 137    | 199             | 317                    | 100                 |
| 3 . . . . .                                                      | 258                             | 130    | 128    | 3                                                | 16                                         | 55                        | 44            | 35                                      | 56                        | 66             | 43           | 95     | 53     | 91              | 114                    | 53                  |
| 4 or more . . . . .                                              | 352                             | 207    | 145    | 4                                                | 64                                         | 56                        | 62            | 37                                      | 97                        | 147            | 42           | 118    | 46     | 91              | 191                    | 70                  |
| Number of stoppages not reported . . . . .                       | 48                              | 25     | 23     | Z                                                | 12                                         | 10                        | 6             | 10                                      | 14                        | 11             | 16           | 12     | 10     | 12              | 17                     | 18                  |
| Stoppage not reported . . . . .                                  | 1,098                           | 760    | 337    | 16                                               | 63                                         | 144                       | 81            | 286                                     | 212                       | 158            | 219          | 517    | 204    | 243             | 546                    | 308                 |
| <b>Water Leakage During Last 12 Months</b>                       |                                 |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |        |        |                 |                        |                     |
| No leakage from inside structure . . . . .                       | 103,977                         | 69,854 | 34,123 | 2,446                                            | 6,510                                      | 12,904                    | 12,508        | 23,380                                  | 15,984                    | 18,954         | 23,464       | 38,415 | 23,145 | 30,298          | 52,815                 | 20,865              |
| With leakage from inside structure <sup>1</sup> . . . . .        | 9,686                           | 5,385  | 4,301  | 111                                              | 602                                        | 1,594                     | 1,254         | 1,340                                   | 1,899                     | 1,926          | 1,977        | 3,576  | 2,207  | 3,312           | 4,755                  | 1,619               |
| Fixtures backed up or overflowed . . . . .                       | 2,194                           | 1,284  | 910    | 19                                               | 100                                        | 363                       | 297           | 277                                     | 387                       | 385            | 476          | 765    | 568    | 758             | 1,100                  | 336                 |
| Pipes leaked . . . . .                                           | 4,114                           | 2,230  | 1,885  | 42                                               | 296                                        | 779                       | 590           | 595                                     | 896                       | 922            | 744          | 1,526  | 923    | 1,515           | 1,885                  | 715                 |
| Broken water heater . . . . .                                    | 964                             | 652    | 312    | Z                                                | 122                                        | 122                       | 96            | 173                                     | 170                       | 153            | 202          | 394    | 215    | 257             | 470                    | 238                 |
| Other or unknown (includes not reported) . . . . .               | 2,796                           | 1,381  | 1,415  | 51                                               | 114                                        | 429                       | 327           | 346                                     | 540                       | 556            | 637          | 1,021  | 582    | 956             | 1,455                  | 385                 |
| Interior leakage not reported . . . . .                          | 1,244                           | 852    | 391    | 14                                               | 78                                         | 196                       | 80            | 338                                     | 246                       | 185            | 242          | 593    | 224    | 282             | 649                    | 313                 |
| No leakage from outside structure . . . . .                      | 101,237                         | 66,584 | 34,653 | 2,466                                            | 6,346                                      | 12,647                    | 12,515        | 22,498                                  | 15,872                    | 17,384         | 22,114       | 38,437 | 23,302 | 29,724          | 51,449                 | 20,064              |
| With leakage from outside structure <sup>1</sup> . . . . .       | 12,461                          | 8,676  | 3,785  | 91                                               | 779                                        | 1,866                     | 1,252         | 2,228                                   | 2,016                     | 3,482          | 3,332        | 3,599  | 2,048  | 3,912           | 6,128                  | 2,422               |
| Roof . . . . .                                                   | 6,537                           | 4,640  | 1,898  | 29                                               | 567                                        | 1,040                     | 756           | 1,162                                   | 1,123                     | 1,678          | 1,358        | 2,293  | 1,210  | 2,006           | 3,152                  | 1,379               |
| Basement . . . . .                                               | 3,159                           | 2,606  | 553    | 21                                               | 12                                         | 340                       | 145           | 605                                     | 318                       | 1,189          | 1,411        | 379    | 180    | 848             | 1,648                  | 664                 |
| Walls, closed windows, or doors . . . . .                        | 2,534                           | 1,380  | 1,154  | 30                                               | 192                                        | 452                       | 290           | 324                                     | 512                       | 748            | 593          | 675    | 519    | 963             | 1,212                  | 360                 |
| Other or unknown (includes not reported) . . . . .               | 1,371                           | 865    | 506    | 16                                               | 87                                         | 244                       | 160           | 285                                     | 227                       | 335            | 283          | 468    | 285    | 484             | 659                    | 228                 |
| Exterior leakage not reported . . . . .                          | 1,209                           | 831    | 378    | 14                                               | 65                                         | 182                       | 75            | 333                                     | 240                       | 200            | 236          | 548    | 225    | 257             | 641                    | 311                 |
| <b>External Building Conditions<sup>1,3</sup></b>                |                                 |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |        |        |                 |                        |                     |
| Sagging roof . . . . .                                           | 1,752                           | 1,320  | 433    | 8                                                | 247                                        | 244                       | 239           | 287                                     | 386                       | 252            | 448          | 686    | 366    | 453             | 700                    | 599                 |
| Missing roofing material . . . . .                               | 3,086                           | 2,474  | 613    | 18                                               | 248                                        | 492                       | 325           | 571                                     | 592                       | 460            | 788          | 1,189  | 649    | 779             | 1,373                  | 935                 |
| Hole in roof . . . . .                                           | 1,291                           | 936    | 355    | 5                                                | 231                                        | 328                       | 164           | 210                                     | 341                       | 240            | 237          | 566    | 248    | 381             | 519                    | 391                 |
| Missing bricks, siding, or other outside wall material . . . . . | 2,169                           | 1,577  | 592    | 8                                                | 264                                        | 366                       | 268           | 359                                     | 526                       | 386            | 540          | 847    | 397    | 624             | 876                    | 669                 |
| Sloping outside walls . . . . .                                  | 1,056                           | 726    | 330    | 8                                                | 134                                        | 204                       | 129           | 142                                     | 238                       | 147            | 239          | 505    | 165    | 283             | 447                    | 325                 |
| Boarded up windows . . . . .                                     | 880                             | 633    | 247    | 10                                               | 132                                        | 146                       | 183           | 138                                     | 269                       | 115            | 186          | 378    | 202    | 285             | 353                    | 243                 |
| Broken windows . . . . .                                         | 3,641                           | 2,634  | 1,007  | 20                                               | 496                                        | 486                       | 541           | 533                                     | 868                       | 503            | 840          | 1,494  | 803    | 935             | 1,614                  | 1,092               |
| Bars on windows . . . . .                                        | 2,557                           | 1,971  | 586    | 16                                               | 21                                         | 834                       | 712           | 703                                     | 517                       | 305            | 298          | 1,049  | 905    | 1,712           | 702                    | 143                 |
| Foundation crumbling or has open crack or hole . . . . .         | 4,685                           | 3,669  | 1,016  | 71                                               | 333                                        | 652                       | 476           | 840                                     | 858                       | 844            | 1,257        | 1,726  | 858    | 1,246           | 2,228                  | 1,211               |
| None of the above . . . . .                                      | 71,954                          | 60,232 | 11,722 | 1,907                                            | 5,779                                      | 6,450                     | 6,638         | 17,502                                  | 7,731                     | 11,467         | 16,718       | 28,540 | 15,230 | 15,524          | 40,082                 | 16,348              |
| Not reported . . . . .                                           | 264                             | 236    | 28     | 1                                                | 24                                         | 37                        | 16            | 83                                      | 41                        | 32             | 49           | 135    | 49     | 44              | 114                    | 106                 |

See footnotes at end of table.

Table C-05-AO.

**Housing Problems—All Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                      | Total<br>occu-<br>pied<br>units | Tenure |        | Housing unit<br>characteristics                  |                                       | Household characteristics |               |                                         |                           | Regions        |              |        |        | Inside MSA      |                        | Out-<br>side<br>MSA |
|------------------------------------------------------|---------------------------------|--------|--------|--------------------------------------------------|---------------------------------------|---------------------------|---------------|-----------------------------------------|---------------------------|----------------|--------------|--------|--------|-----------------|------------------------|---------------------|
|                                                      |                                 | Owner  | Renter | New<br>con-<br>struc-<br>tion<br>past 4<br>years | Manu-<br>factured/<br>mobile<br>homes | Black<br>alone            | His-<br>panic | Elderly<br>(65<br>years<br>and<br>over) | Below<br>poverty<br>level | North-<br>east | Mid-<br>west | South  | West   | Central<br>city | Not<br>central<br>city |                     |
|                                                      |                                 |        |        |                                                  |                                       |                           |               |                                         |                           |                |              |        |        |                 |                        |                     |
| Sewage Disposal Breakdowns                           |                                 |        |        |                                                  |                                       |                           |               |                                         |                           |                |              |        |        |                 |                        |                     |
| With public sewer . . . . .                          | 92,636                          | 56,649 | 35,986 | 2,034                                            | 3,438                                 | 13,693                    | 12,807        | 19,095                                  | 15,514                    | 16,891         | 20,762       | 32,397 | 22,585 | 33,072          | 46,486                 | 13,078              |
| No breakdowns in last 3 months . . . . .             | 91,359                          | 55,960 | 35,399 | 2,029                                            | 3,387                                 | 13,393                    | 12,580        | 18,958                                  | 15,222                    | 16,673         | 20,445       | 31,931 | 22,310 | 32,538          | 45,955                 | 12,866              |
| With breakdown(s) in last 3 months . . . . .         | 1,276                           | 689    | 587    | 5                                                | 51                                    | 300                       | 227           | 136                                     | 292                       | 219            | 317          | 466    | 275    | 533             | 530                    | 213                 |
| No breakdowns lasting 6 hours or<br>more . . . . .   | 302                             | 186    | 116    | Z                                                | 11                                    | 45                        | 50            | 33                                      | 55                        | 43             | 81           | 111    | 66     | 116             | 123                    | 63                  |
| Number of breakdowns that lasted 6<br>hours or more: |                                 |        |        |                                                  |                                       |                           |               |                                         |                           |                |              |        |        |                 |                        |                     |
| 1 . . . . .                                          | 652                             | 364    | 289    | 5                                                | 26                                    | 140                       | 106           | 78                                      | 139                       | 110            | 158          | 233    | 151    | 257             | 297                    | 99                  |
| 2 . . . . .                                          | 146                             | 65     | 81     | Z                                                | 10                                    | 44                        | 29            | 12                                      | 49                        | 26             | 36           | 54     | 30     | 65              | 57                     | 25                  |
| 3 . . . . .                                          | 65                              | 26     | 39     | Z                                                | 4                                     | 23                        | 12            | 7                                       | 19                        | 15             | 19           | 21     | 9      | 30              | 28                     | 7                   |
| 4 or more . . . . .                                  | 111                             | 48     | 63     | Z                                                | 1                                     | 49                        | 30            | 7                                       | 31                        | 25             | 23           | 45     | 18     | 65              | 26                     | 19                  |
| With septic tank or cesspool . . . . .               | 22,229                          | 19,418 | 2,811  | 530                                              | 3,752                                 | 994                       | 1,035         | 5,952                                   | 2,596                     | 4,164          | 4,917        | 10,160 | 2,988  | 807             | 11,719                 | 9,703               |
| No breakdowns in last 3 months . . . . .             | 21,916                          | 19,179 | 2,737  | 526                                              | 3,687                                 | 971                       | 1,005         | 5,891                                   | 2,538                     | 4,092          | 4,874        | 10,020 | 2,930  | 800             | 11,548                 | 9,568               |
| With breakdown(s) in last 3 months . . . . .         | 313                             | 239    | 74     | 4                                                | 65                                    | 23                        | 30            | 62                                      | 58                        | 72             | 43           | 140    | 58     | 7               | 171                    | 135                 |
| No breakdowns lasting 6 hours or<br>more . . . . .   | 40                              | 26     | 14     | 2                                                | 5                                     | 2                         | 11            | 2                                       | 12                        | 3              | 6            | 19     | 12     | Z               | 24                     | 16                  |
| Number of breakdowns that lasted 6<br>hours or more: |                                 |        |        |                                                  |                                       |                           |               |                                         |                           |                |              |        |        |                 |                        |                     |
| 1 . . . . .                                          | 191                             | 156    | 36     | 2                                                | 27                                    | 17                        | 12            | 37                                      | 27                        | 48             | 30           | 85     | 29     | 7               | 108                    | 77                  |
| 2 . . . . .                                          | 28                              | 23     | 6      | Z                                                | 5                                     | 1                         | 3             | 11                                      | 4                         | 6              | Z            | 16     | 7      | 1               | 15                     | 13                  |
| 3 . . . . .                                          | 6                               | 3      | 3      | Z                                                | 3                                     | Z                         | 3             | Z                                       | Z                         | 3              | Z            | 3      | Z      | Z               | 6                      | Z                   |
| 4 or more . . . . .                                  | 48                              | 32     | 16     | Z                                                | 25                                    | 3                         | 2             | 11                                      | 16                        | 13             | 7            | 17     | 10     | Z               | 18                     | 30                  |

<sup>1</sup> Figures may not add to total because more than one category may apply to a unit.<sup>2</sup> Other causes and equipment breakdowns may not add to the total as both may be reported.<sup>3</sup> Figures do not include multiunit structures.

Table C-06-AO.

**Housing Migration—Previous Unit—All Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                       | Total occupied units | Tenure |        | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |          |       |       | Inside MSA   |                  |       | Out-side MSA |
|-----------------------------------------------------------------------|----------------------|--------|--------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|----------|-------|-------|--------------|------------------|-------|--------------|
|                                                                       |                      | Owner  | Renter | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Mid-west | South | West  | Central city | Not central city |       |              |
|                                                                       |                      |        |        |                               |                           |                           |          |                             |                     |            |          |       |       |              |                  |       |              |
| RESPONDENT MOVED DURING PAST YEAR FROM WITHIN THE UNITED STATES¹      |                      |        |        |                               |                           |                           |          |                             |                     |            |          |       |       |              |                  |       |              |
| Total .....                                                           | 16,866               | 3,592  | 13,274 | 665                           | 816                       | 2,745                     | 2,875    | 1,063                       | 4,199               | 2,290      | 3,546    | 6,531 | 4,500 | 6,539        | 7,396            | 2,931 |              |
| Structure Type of Previous Residence                                  |                      |        |        |                               |                           |                           |          |                             |                     |            |          |       |       |              |                  |       |              |
| Total moved from within the United States .....                       | 16,866               | 3,592  | 13,274 | 665                           | 816                       | 2,745                     | 2,875    | 1,063                       | 4,199               | 2,290      | 3,546    | 6,531 | 4,500 | 6,539        | 7,396            | 2,931 |              |
| House .....                                                           | 8,534                | 2,239  | 6,295  | 391                           | 386                       | 1,179                     | 1,352    | 581                         | 1,894               | 973        | 1,864    | 3,371 | 2,326 | 2,880        | 3,930            | 1,724 |              |
| Apartment .....                                                       | 6,663                | 974    | 5,690  | 212                           | 236                       | 1,332                     | 1,297    | 297                         | 1,771               | 1,104      | 1,350    | 2,415 | 1,794 | 3,128        | 2,735            | 800   |              |
| Manufactured/mobile home .....                                        | 632                  | 169    | 464    | 15                            | 162                       | 47                        | 116      | 68                          | 217                 | 61         | 116      | 341   | 114   | 122          | 266              | 244   |              |
| Other .....                                                           | 590                  | 101    | 489    | 19                            | 18                        | 90                        | 79       | 27                          | 225                 | 92         | 123      | 190   | 185   | 261          | 236              | 93    |              |
| Not reported .....                                                    | 447                  | 110    | 337    | 27                            | 14                        | 95                        | 32       | 90                          | 92                  | 60         | 92       | 214   | 80    | 147          | 230              | 70    |              |
| Tenure of Previous Residence                                          |                      |        |        |                               |                           |                           |          |                             |                     |            |          |       |       |              |                  |       |              |
| House, apartment, manufactured/mobile home in the United States ..... | 15,830               | 3,381  | 12,449 | 618                           | 785                       | 2,559                     | 2,765    | 946                         | 3,882               | 2,138      | 3,330    | 6,127 | 4,235 | 6,131        | 6,931            | 2,768 |              |
| Owner occupied .....                                                  | 4,737                | 1,686  | 3,051  | 284                           | 250                       | 492                       | 676      | 517                         | 908                 | 609        | 1,091    | 1,833 | 1,204 | 1,495        | 2,302            | 940   |              |
| Renter occupied .....                                                 | 11,092               | 1,695  | 9,398  | 334                           | 535                       | 2,068                     | 2,088    | 430                         | 2,974               | 1,529      | 2,239    | 4,293 | 3,031 | 4,636        | 4,629            | 1,828 |              |
| Persons—Previous Residence                                            |                      |        |        |                               |                           |                           |          |                             |                     |            |          |       |       |              |                  |       |              |
| House, apartment, manufactured/mobile home in the United States ..... | 15,830               | 3,381  | 12,449 | 618                           | 785                       | 2,559                     | 2,765    | 946                         | 3,882               | 2,138      | 3,330    | 6,127 | 4,235 | 6,131        | 6,931            | 2,768 |              |
| 1 person .....                                                        | 2,342                | 494    | 1,848  | 102                           | 115                       | 419                       | 203      | 357                         | 489                 | 352        | 522      | 936   | 531   | 1,028        | 930              | 384   |              |
| 2 persons .....                                                       | 4,438                | 1,156  | 3,282  | 197                           | 197                       | 590                       | 490      | 394                         | 786                 | 636        | 964      | 1,731 | 1,107 | 1,787        | 1,922            | 729   |              |
| 3 persons .....                                                       | 3,188                | 602    | 2,586  | 129                           | 129                       | 539                       | 577      | 86                          | 716                 | 399        | 674      | 1,199 | 917   | 1,215        | 1,410            | 563   |              |
| 4 persons .....                                                       | 2,862                | 575    | 2,288  | 93                            | 152                       | 486                       | 615      | 48                          | 843                 | 376        | 617      | 1,126 | 743   | 1,008        | 1,323            | 532   |              |
| 5 persons .....                                                       | 1,526                | 296    | 1,229  | 68                            | 83                        | 280                       | 390      | 25                          | 498                 | 183        | 322      | 565   | 456   | 542          | 716              | 268   |              |
| 6 persons .....                                                       | 743                  | 139    | 603    | 14                            | 77                        | 106                       | 256      | 20                          | 260                 | 110        | 96       | 284   | 253   | 267          | 318              | 158   |              |
| 7 persons or more .....                                               | 563                  | 88     | 475    | 13                            | 23                        | 106                       | 206      | 7                           | 256                 | 63         | 100      | 211   | 189   | 194          | 251              | 118   |              |
| Not reported .....                                                    | 169                  | 31     | 138    | 3                             | 10                        | 34                        | 28       | 11                          | 34                  | 19         | 36       | 75    | 39    | 90           | 60               | 19    |              |
| Previous Home Owned or Rented by Current Household Member             |                      |        |        |                               |                           |                           |          |                             |                     |            |          |       |       |              |                  |       |              |
| House, apartment, manufactured/mobile home in the United States ..... | 15,830               | 3,381  | 12,449 | 618                           | 785                       | 2,559                     | 2,765    | 946                         | 3,882               | 2,138      | 3,330    | 6,127 | 4,235 | 6,131        | 6,931            | 2,768 |              |
| Owned or rented by a mover .....                                      | 11,832               | 2,759  | 9,072  | 517                           | 580                       | 1,891                     | 1,983    | 793                         | 2,595               | 1,533      | 2,450    | 4,574 | 3,274 | 4,506        | 5,244            | 2,082 |              |
| Owned or rented by other .....                                        | 3,683                | 547    | 3,136  | 87                            | 174                       | 599                       | 719      | 120                         | 1,219               | 559        | 820      | 1,417 | 888   | 1,479        | 1,571            | 633   |              |
| By a relative .....                                                   | 2,156                | 320    | 1,835  | 44                            | 119                       | 361                       | 455      | 52                          | 759                 | 322        | 479      | 842   | 514   | 850          | 924              | 382   |              |
| By a nonrelative .....                                                | 1,524                | 227    | 1,297  | 40                            | 55                        | 237                       | 264      | 68                          | 457                 | 237        | 341      | 574   | 372   | 628          | 646              | 249   |              |
| Not reported .....                                                    | 3                    | Z      | 3      | 2                             | Z                         | 1                         | Z        | Z                           | 3                   | Z          | Z        | 1     | 2     | Z            | 1                | 2     |              |
| Not reported .....                                                    | 315                  | 74     | 241    | 14                            | 32                        | 69                        | 63       | 33                          | 68                  | 46         | 61       | 136   | 72    | 146          | 116              | 53    |              |
| Change in Housing Costs                                               |                      |        |        |                               |                           |                           |          |                             |                     |            |          |       |       |              |                  |       |              |
| House, apartment, manufactured/mobile home in the United States ..... | 15,830               | 3,381  | 12,449 | 618                           | 785                       | 2,559                     | 2,765    | 946                         | 3,882               | 2,138      | 3,330    | 6,127 | 4,235 | 6,131        | 6,931            | 2,768 |              |
| Increased with move .....                                             | 7,443                | 1,761  | 5,681  | 317                           | 275                       | 1,170                     | 1,213    | 303                         | 1,743               | 1,077      | 1,600    | 2,783 | 1,983 | 2,952        | 3,271            | 1,219 |              |
| Decreased .....                                                       | 4,562                | 836    | 3,726  | 153                           | 312                       | 752                       | 808      | 328                         | 1,153               | 565        | 980      | 1,780 | 1,237 | 1,704        | 2,020            | 838   |              |
| Stayed about the same .....                                           | 3,507                | 709    | 2,798  | 135                           | 173                       | 576                       | 701      | 261                         | 896                 | 448        | 687      | 1,442 | 930   | 1,347        | 1,513            | 647   |              |
| Not reported .....                                                    | 318                  | 75     | 244    | 14                            | 26                        | 61                        | 42       | 54                          | 90                  | 49         | 63       | 122   | 84    | 128          | 127              | 63    |              |

See footnotes at end of table.

Table C-06-AO.

**Housing Migration—Previous Unit—All Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                            | Total<br>occu-<br>pied<br>units | Tenure |        | Housing unit<br>characteristics                  |                                            | Household characteristics |               |                                         |                           | Regions        |              |       |       | Inside MSA      |                        |       | Out-<br>side<br>MSA |
|------------------------------------------------------------|---------------------------------|--------|--------|--------------------------------------------------|--------------------------------------------|---------------------------|---------------|-----------------------------------------|---------------------------|----------------|--------------|-------|-------|-----------------|------------------------|-------|---------------------|
|                                                            |                                 | Owner  | Renter | New<br>con-<br>struc-<br>tion<br>past 4<br>years | Manu-<br>fac-<br>tured/<br>mobile<br>homes | Black<br>alone            | His-<br>panic | Elderly<br>(65<br>years<br>and<br>over) | Below<br>poverty<br>level | North-<br>east | Mid-<br>west | South | West  | Central<br>city | Not<br>central<br>city |       |                     |
|                                                            |                                 |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |       |       |                 |                        |       |                     |
| <b>Reasons for Leaving Previous Residence<sup>2</sup></b>  |                                 |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |       |       |                 |                        |       |                     |
| Private displacement . . . . .                             | 365                             | 27     | 338    | 8                                                | 22                                         | 58                        | 55            | 15                                      | 83                        | 41             | 75           | 123   | 127   | 139             | 160                    | 67    |                     |
| Owner to move into unit . . . . .                          | 117                             | 11     | 106    | 2                                                | 6                                          | 17                        | 22            | 2                                       | 25                        | 13             | 18           | 45    | 41    | 30              | 56                     | 31    |                     |
| To be converted to condominium or cooperative . . . . .    | 6                               | Z      | 6      | Z                                                | Z                                          | Z                         | Z             | Z                                       | Z                         | 4              | Z            | Z     | 2     | 2               | 2                      | 2     |                     |
| Closed for repairs . . . . .                               | 19                              | Z      | 19     | Z                                                | 2                                          | 4                         | Z             | 2                                       | Z                         | 3              | 5            | 5     | 6     | 12              | 5                      | 2     |                     |
| Other . . . . .                                            | 220                             | 16     | 204    | 6                                                | 14                                         | 37                        | 32            | 11                                      | 58                        | 21             | 51           | 70    | 78    | 95              | 94                     | 31    |                     |
| Not reported . . . . .                                     | 3                               | Z      | 3      | Z                                                | Z                                          | Z                         | Z             | Z                                       | Z                         | Z              | Z            | 3     | Z     | Z               | 3                      | Z     |                     |
| Government displacement . . . . .                          | 116                             | 11     | 105    | Z                                                | 11                                         | 28                        | 16            | 5                                       | 36                        | 21             | 14           | 47    | 35    | 50              | 49                     | 17    |                     |
| Government wanted building or land . . . . .               | 19                              | 4      | 14     | Z                                                | 4                                          | 5                         | 2             | Z                                       | 6                         | 2              | 4            | 6     | 7     | 11              | 6                      | 2     |                     |
| Unit unfit for occupancy . . . . .                         | 20                              | Z      | 19     | Z                                                | Z                                          | 12                        | 5             | 2                                       | 15                        | 5              | 2            | 10    | 2     | 13              | 3                      | 3     |                     |
| Other . . . . .                                            | 78                              | 7      | 72     | Z                                                | 6                                          | 12                        | 9             | 3                                       | 16                        | 13             | 9            | 31    | 26    | 26              | 40                     | 12    |                     |
| Not reported . . . . .                                     | Z                               | Z      | Z      | Z                                                | Z                                          | Z                         | Z             | Z                                       | Z                         | Z              | Z            | Z     | Z     | Z               | Z                      | Z     |                     |
| Financial/employment related, total <sup>2</sup> . . . . . | 4,700                           | 655    | 4,044  | 196                                              | 179                                        | 571                       | 724           | 96                                      | 1,056                     | 481            | 986          | 1,851 | 1,382 | 1,924           | 2,034                  | 742   |                     |
| Foreclosure . . . . .                                      | 284                             | 35     | 249    | 13                                               | 14                                         | 58                        | 79            | 20                                      | 90                        | 24             | 61           | 87    | 112   | 101             | 150                    | 33    |                     |
| New job or job transfer . . . . .                          | 1,764                           | 295    | 1,470  | 99                                               | 69                                         | 186                       | 222           | 9                                       | 202                       | 136            | 339          | 808   | 481   | 685             | 800                    | 280   |                     |
| To be closer to work/school/other . . . . .                | 2,191                           | 252    | 1,940  | 76                                               | 58                                         | 245                       | 330           | 37                                      | 606                       | 253            | 486          | 815   | 638   | 910             | 926                    | 356   |                     |
| Other . . . . .                                            | 661                             | 110    | 551    | 17                                               | 58                                         | 101                       | 131           | 33                                      | 200                       | 89             | 130          | 217   | 225   | 311             | 259                    | 91    |                     |
| Family/person related, total <sup>2</sup> . . . . .        | 2,091                           | 479    | 1,612  | 65                                               | 99                                         | 312                       | 332           | 260                                     | 540                       | 357            | 469          | 726   | 538   | 762             | 938                    | 390   |                     |
| Married . . . . .                                          | 259                             | 89     | 170    | 1                                                | 11                                         | 28                        | 38            | 3                                       | 26                        | 43             | 64           | 96    | 57    | 82              | 115                    | 62    |                     |
| Widowed, divorced, or separated . . . . .                  | 363                             | 77     | 286    | 16                                               | 17                                         | 32                        | 46            | 50                                      | 75                        | 56             | 100          | 107   | 99    | 100             | 163                    | 100   |                     |
| Other . . . . .                                            | 1,482                           | 318    | 1,165  | 48                                               | 71                                         | 255                       | 252           | 214                                     | 441                       | 258            | 306          | 529   | 390   | 589             | 665                    | 228   |                     |
| Housing related reasons, total <sup>2</sup> . . . . .      | 7,949                           | 2,097  | 5,852  | 317                                              | 438                                        | 1,391                     | 1,542         | 374                                     | 1,973                     | 1,155          | 1,674        | 3,032 | 2,088 | 3,063           | 3,503                  | 1,382 |                     |
| To establish own household . . . . .                       | 2,388                           | 740    | 1,648  | 73                                               | 148                                        | 378                       | 429           | 46                                      | 594                       | 345            | 521          | 876   | 645   | 861             | 1,062                  | 464   |                     |
| Needed larger house or apartment . . . . .                 | 2,040                           | 544    | 1,496  | 102                                              | 87                                         | 346                       | 444           | 61                                      | 426                       | 291            | 391          | 799   | 560   | 789             | 888                    | 364   |                     |
| Wanted better home . . . . .                               | 1,758                           | 405    | 1,353  | 105                                              | 89                                         | 339                       | 353           | 112                                     | 447                       | 276            | 350          | 708   | 424   | 751             | 734                    | 273   |                     |
| Change from owner to renter . . . . .                      | 145                             | X      | 145    | 3                                                | 3                                          | 32                        | 27            | 16                                      | 34                        | 11             | 35           | 53    | 46    | 41              | 79                     | 25    |                     |
| Change from renter to owner . . . . .                      | 477                             | 477    | X      | 29                                               | 28                                         | 44                        | 61            | 15                                      | 52                        | 58             | 103          | 172   | 144   | 144             | 244                    | 90    |                     |
| Wanted lower rent or maintenance . . . . .                 | 1,313                           | 181    | 1,132  | 25                                               | 107                                        | 248                       | 278           | 102                                     | 368                       | 178            | 305          | 496   | 334   | 553             | 557                    | 203   |                     |
| Other . . . . .                                            | 843                             | 164    | 680    | 26                                               | 39                                         | 140                       | 163           | 70                                      | 245                       | 147            | 184          | 296   | 217   | 303             | 403                    | 138   |                     |
| Evicted from residence . . . . .                           | 120                             | 4      | 117    | Z                                                | Z                                          | 26                        | 17            | 5                                       | 46                        | 20             | 35           | 31    | 34    | 43              | 43                     | 34    |                     |
| Disaster loss (fire, flood, etc.) . . . . .                | 113                             | 20     | 93     | 2                                                | 6                                          | 26                        | 13            | 7                                       | 23                        | 23             | 25           | 49    | 16    | 33              | 51                     | 29    |                     |
| Other . . . . .                                            | 2,440                           | 446    | 1,994  | 106                                              | 113                                        | 462                       | 387           | 278                                     | 676                       | 346            | 508          | 947   | 640   | 989             | 1,057                  | 394   |                     |
| Not reported . . . . .                                     | 532                             | 135    | 397    | 28                                               | 26                                         | 125                       | 42            | 121                                     | 134                       | 67             | 101          | 232   | 132   | 212             | 243                    | 77    |                     |
| <b>Main Reason for Leaving Previous Residence</b>          |                                 |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |       |       |                 |                        |       |                     |
| All reported reasons equal . . . . .                       | 782                             | 171    | 611    | 34                                               | 50                                         | 116                       | 203           | 39                                      | 183                       | 94             | 155          | 287   | 245   | 308             | 344                    | 130   |                     |
| Private displacement . . . . .                             | 89                              | 2      | 87     | 3                                                | Z                                          | 16                        | 8             | 2                                       | 28                        | 13             | 19           | 28    | 29    | 39              | 39                     | 11    |                     |
| Government displacement . . . . .                          | 49                              | 8      | 40     | Z                                                | 4                                          | 14                        | 8             | 1                                       | 14                        | 8              | 4            | 22    | 15    | 20              | 22                     | 7     |                     |
| Financial/employment related, total . . . . .              | 3,999                           | 522    | 3,476  | 173                                              | 150                                        | 491                       | 605           | 75                                      | 915                       | 388            | 826          | 1,625 | 1,160 | 1,643           | 1,706                  | 650   |                     |
| Foreclosure . . . . .                                      | 240                             | 34     | 206    | 11                                               | 11                                         | 50                        | 67            | 13                                      | 80                        | 15             | 50           | 81    | 94    | 83              | 130                    | 27    |                     |
| New job or job transfer . . . . .                          | 1,578                           | 269    | 1,309  | 92                                               | 63                                         | 166                       | 195           | 6                                       | 171                       | 120            | 293          | 730   | 435   | 613             | 706                    | 258   |                     |
| To be closer to work/school/other . . . . .                | 1,744                           | 161    | 1,583  | 60                                               | 42                                         | 197                       | 257           | 28                                      | 520                       | 199            | 405          | 659   | 481   | 743             | 699                    | 303   |                     |
| Other . . . . .                                            | 436                             | 58     | 378    | 11                                               | 33                                         | 79                        | 87            | 29                                      | 145                       | 54             | 77           | 154   | 151   | 203             | 171                    | 62    |                     |
| Family/person related, total . . . . .                     | 2,031                           | 459    | 1,572  | 69                                               | 114                                        | 279                       | 336           | 229                                     | 521                       | 338            | 423          | 751   | 519   | 719             | 904                    | 408   |                     |
| Married, widowed, divorced, or separated . . . . .         | 812                             | 177    | 635    | 30                                               | 56                                         | 63                        | 132           | 46                                      | 158                       | 120            | 178          | 300   | 215   | 233             | 370                    | 209   |                     |
| Other . . . . .                                            | 1,220                           | 282    | 938    | 39                                               | 59                                         | 216                       | 204           | 182                                     | 363                       | 219            | 245          | 451   | 305   | 486             | 535                    | 199   |                     |
| Housing related reasons, total . . . . .                   | 6,768                           | 1,857  | 4,910  | 277                                              | 339                                        | 1,199                     | 1,269         | 317                                     | 1,677                     | 1,006          | 1,462        | 2,584 | 1,716 | 2,593           | 3,005                  | 1,169 |                     |
| To establish own household . . . . .                       | 1,986                           | 601    | 1,385  | 61                                               | 120                                        | 340                       | 366           | 40                                      | 519                       | 294            | 464          | 735   | 493   | 718             | 880                    | 389   |                     |
| Needed larger house or apartment . . . . .                 | 1,565                           | 373    | 1,192  | 87                                               | 53                                         | 276                       | 310           | 46                                      | 340                       | 235            | 291          | 614   | 424   | 612             | 669                    | 283   |                     |
| Wanted better home . . . . .                               | 1,180                           | 269    | 911    | 67                                               | 62                                         | 239                       | 216           | 79                                      | 323                       | 174            | 230          | 504   | 272   | 500             | 490                    | 190   |                     |
| Change from owner to renter or renter to owner . . . . .   | 444                             | 370    | 74     | 23                                               | 15                                         | 56                        | 57            | 18                                      | 49                        | 55             | 99           | 161   | 130   | 133             | 234                    | 77    |                     |
| Wanted lower rent or maintenance . . . . .                 | 966                             | 118    | 848    | 20                                               | 63                                         | 186                       | 199           | 82                                      | 259                       | 136            | 240          | 344   | 246   | 402             | 439                    | 125   |                     |
| Other . . . . .                                            | 626                             | 126    | 500    | 19                                               | 26                                         | 103                       | 121           | 51                                      | 189                       | 110            | 138          | 226   | 151   | 227             | 293                    | 105   |                     |
| Evicted from residence . . . . .                           | 85                              | 2      | 83     | Z                                                | Z                                          | 24                        | 14            | 2                                       | 37                        | 15             | 24           | 28    | 18    | 27              | 34                     | 24    |                     |
| Disaster loss (fire, flood, etc.) . . . . .                | 93                              | 19     | 74     | 2                                                | 6                                          | 19                        | 8             | 7                                       | 23                        | 23             | 23           | 36    | 11    | 28              | 41                     | 24    |                     |
| Other . . . . .                                            | 2,084                           | 371    | 1,714  | 76                                               | 103                                        | 393                       | 328           | 247                                     | 592                       | 298            | 434          | 806   | 546   | 846             | 883                    | 355   |                     |
| Not reported . . . . .                                     | 883                             | 179    | 704    | 31                                               | 49                                         | 194                       | 96            | 145                                     | 208                       | 108            | 173          | 364   | 238   | 313             | 417                    | 153   |                     |

<sup>1</sup> Restricted to units where the respondent (the person who answered the survey) moved in the past year from within the United States. Figures are not comparable to 2009; see Appendix C for details.<sup>2</sup> Figures may not add to total because more than one category may apply to a unit.

Table C-07-AO.

**Housing and Neighborhood Search and Satisfaction—All Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                                    | Total occupied units | Tenure        |               | Housing unit characteristics  |                           | Household characteristics |               |                             |                     | Regions       |               |               |               | Inside MSA    |                  | Outside MSA   |
|------------------------------------------------------------------------------------|----------------------|---------------|---------------|-------------------------------|---------------------------|---------------------------|---------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                                                    |                      | Owner         | Renter        | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic      | Elderly (65 years and over) | Below poverty level | North-east    | Mid-west      | South         | West          | Central city  | Not central city |               |
| <b>Total</b> .....                                                                 | <b>114,907</b>       | <b>76,091</b> | <b>38,816</b> | <b>2,571</b>                  | <b>7,190</b>              | <b>14,694</b>             | <b>13,841</b> | <b>25,058</b>               | <b>18,129</b>       | <b>21,066</b> | <b>25,682</b> | <b>42,584</b> | <b>25,575</b> | <b>33,892</b> | <b>58,218</b>    | <b>22,797</b> |
| <b>Overall Opinion of Present Structure</b>                                        |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| 1 (worst) .....                                                                    | 611                  | 213           | 398           | 6                             | 99                        | 169                       | 112           | 100                         | 271                 | 120           | 121           | 287           | 83            | 210           | 243              | 158           |
| 2 .....                                                                            | 357                  | 101           | 256           | Z                             | 48                        | 97                        | 56            | 52                          | 150                 | 101           | 61            | 133           | 62            | 155           | 125              | 77            |
| 3 .....                                                                            | 736                  | 270           | 467           | 5                             | 67                        | 174                       | 95            | 97                          | 285                 | 143           | 140           | 292           | 161           | 321           | 254              | 161           |
| 4 .....                                                                            | 1,081                | 415           | 666           | 4                             | 150                       | 214                       | 150           | 142                         | 328                 | 190           | 231           | 408           | 252           | 393           | 480              | 209           |
| 5 .....                                                                            | 5,207                | 2,402         | 2,805         | 34                            | 663                       | 1,051                     | 781           | 850                         | 1,472               | 944           | 1,160         | 1,974         | 1,129         | 1,829         | 2,219            | 1,159         |
| 6 .....                                                                            | 5,534                | 2,651         | 2,883         | 53                            | 477                       | 889                       | 662           | 673                         | 1,104               | 947           | 1,221         | 1,983         | 1,383         | 1,975         | 2,458            | 1,101         |
| 7 .....                                                                            | 15,337               | 8,726         | 6,611         | 204                           | 934                       | 2,162                     | 1,846         | 1,973                       | 2,487               | 2,700         | 3,517         | 5,418         | 3,701         | 5,104         | 7,509            | 2,724         |
| 8 .....                                                                            | 29,890               | 19,479        | 10,411        | 536                           | 1,673                     | 3,528                     | 3,582         | 5,488                       | 4,215               | 5,378         | 6,888         | 10,772        | 6,852         | 9,242         | 15,130           | 5,517         |
| 9 .....                                                                            | 17,629               | 12,881        | 4,748         | 443                           | 734                       | 1,711                     | 1,933         | 4,064                       | 1,989               | 3,279         | 3,981         | 6,450         | 3,919         | 4,945         | 9,315            | 3,369         |
| 10 (best) .....                                                                    | 33,671               | 25,452        | 8,220         | 1,177                         | 2,099                     | 3,971                     | 4,202         | 10,519                      | 4,979               | 6,433         | 7,323         | 12,865        | 7,051         | 8,425         | 17,922           | 7,325         |
| Not reported .....                                                                 | 4,854                | 3,502         | 1,352         | 110                           | 246                       | 729                       | 423           | 1,101                       | 848                 | 829           | 1,041         | 2,002         | 981           | 1,293         | 2,563            | 998           |
| <b>Overall Opinion of Present Neighborhood</b>                                     |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| 1 (worst) .....                                                                    | 1,115                | 452           | 663           | 11                            | 117                       | 355                       | 215           | 170                         | 486                 | 242           | 210           | 475           | 188           | 531           | 407              | 177           |
| 2 .....                                                                            | 935                  | 453           | 482           | 8                             | 113                       | 226                       | 114           | 125                         | 271                 | 152           | 178           | 402           | 204           | 411           | 377              | 148           |
| 3 .....                                                                            | 1,253                | 559           | 695           | 20                            | 88                        | 277                       | 190           | 177                         | 376                 | 244           | 252           | 453           | 305           | 566           | 488              | 198           |
| 4 .....                                                                            | 2,080                | 1,026         | 1,053         | 33                            | 146                       | 411                       | 314           | 315                         | 538                 | 437           | 505           | 693           | 445           | 921           | 814              | 344           |
| 5 .....                                                                            | 6,635                | 3,602         | 3,033         | 83                            | 672                       | 1,217                     | 978           | 1,275                       | 1,627               | 1,097         | 1,446         | 2,563         | 1,529         | 2,522         | 2,804            | 1,310         |
| 6 .....                                                                            | 6,204                | 3,533         | 2,671         | 136                           | 363                       | 1,015                     | 786           | 963                         | 1,061               | 1,043         | 1,314         | 2,301         | 1,546         | 2,377         | 2,850            | 977           |
| 7 .....                                                                            | 14,379               | 8,853         | 5,526         | 261                           | 741                       | 2,140                     | 1,817         | 2,077                       | 2,187               | 2,550         | 3,072         | 5,176         | 3,581         | 5,056         | 7,039            | 2,285         |
| 8 .....                                                                            | 27,863               | 18,756        | 9,107         | 539                           | 1,594                     | 3,210                     | 3,332         | 5,372                       | 3,688               | 5,044         | 6,325         | 10,052        | 6,442         | 8,179         | 14,429           | 5,255         |
| 9 .....                                                                            | 17,709               | 12,773        | 4,936         | 497                           | 831                       | 1,677                     | 1,902         | 3,937                       | 2,103               | 3,214         | 4,175         | 6,318         | 4,002         | 4,678         | 9,685            | 3,346         |
| 10 (best) .....                                                                    | 31,656               | 22,467        | 9,189         | 868                           | 2,243                     | 3,420                     | 3,728         | 9,460                       | 4,886               | 6,151         | 7,126         | 12,083        | 6,296         | 7,291         | 16,680           | 7,686         |
| No neighborhood .....                                                              | 144                  | 94            | 50            | 3                             | 23                        | 20                        | 20            | 44                          | 36                  | 45            | 26            | 46            | 27            | 42            | 53               | 49            |
| Not reported .....                                                                 | 4,933                | 3,522         | 1,411         | 112                           | 261                       | 727                       | 445           | 1,144                       | 870                 | 848           | 1,053         | 2,022         | 1,010         | 1,319         | 2,593            | 1,021         |
| <b>RESPONDENT MOVED DURING PAST YEAR FROM WITHIN THE UNITED STATES<sup>1</sup></b> |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| <b>Total</b> .....                                                                 | <b>16,866</b>        | <b>3,592</b>  | <b>13,274</b> | <b>665</b>                    | <b>816</b>                | <b>2,745</b>              | <b>2,875</b>  | <b>1,063</b>                | <b>4,199</b>        | <b>2,290</b>  | <b>3,546</b>  | <b>6,531</b>  | <b>4,500</b>  | <b>6,539</b>  | <b>7,396</b>     | <b>2,931</b>  |
| <b>Home Search</b>                                                                 |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Now in house .....                                                                 | 7,618                | 2,965         | 4,653         | 378                           | X                         | 1,037                     | 1,105         | 429                         | 1,368               | 805           | 1,540         | 3,196         | 2,077         | 2,397         | 3,656            | 1,565         |
| Did not look at apartments .....                                                   | 5,617                | 2,585         | 3,032         | 304                           | X                         | 653                       | 813           | 310                         | 884                 | 577           | 1,160         | 2,362         | 1,517         | 1,659         | 2,745            | 1,214         |
| Looked at apartments too .....                                                     | 1,713                | 248           | 1,465         | 56                            | X                         | 343                       | 274           | 60                          | 421                 | 199           | 320           | 705           | 488           | 648           | 773              | 291           |
| Search not reported .....                                                          | 285                  | 130           | 155           | 18                            | X                         | 41                        | 18            | 60                          | 61                  | 28            | 58            | 128           | 72            | 87            | 139              | 60            |
| Now in manufactured/mobile home .....                                              | 816                  | 369           | 448           | 18                            | 816                       | 36                        | 128           | 84                          | 234                 | 62            | 133           | 430           | 191           | 97            | 383              | 336           |
| Did not look at apartments .....                                                   | 538                  | 267           | 272           | 15                            | 538                       | 17                        | 73            | 66                          | 163                 | 42            | 80            | 293           | 123           | 69            | 278              | 191           |
| Looked at apartments too .....                                                     | 247                  | 83            | 165           | 3                             | 247                       | 13                        | 54            | 4                           | 62                  | 17            | 50            | 113           | 67            | 19            | 94               | 134           |
| Search not reported .....                                                          | 31                   | 19            | 12            | 1                             | 31                        | 6                         | 1             | 13                          | 9                   | 3             | 3             | 23            | 1             | 10            | 10               | 10            |
| Now in apartment .....                                                             | 8,432                | 259           | 8,173         | 268                           | X                         | 1,672                     | 1,642         | 550                         | 2,597               | 1,423         | 1,872         | 2,906         | 2,231         | 4,044         | 3,357            | 1,031         |
| Did not look at houses .....                                                       | 5,878                | 160           | 5,718         | 174                           | X                         | 1,150                     | 1,174         | 412                         | 1,871               | 1,023         | 1,296         | 2,018         | 1,541         | 2,925         | 2,309            | 643           |
| Looked at houses too .....                                                         | 2,181                | 78            | 2,103         | 75                            | X                         | 424                       | 431           | 68                          | 614                 | 316           | 507           | 758           | 599           | 973           | 868              | 340           |
| Search not reported .....                                                          | 373                  | 21            | 352           | 20                            | X                         | 97                        | 37            | 70                          | 112                 | 84            | 69            | 129           | 91            | 146           | 180              | 48            |
| <b>How Respondent Found Current Unit</b>                                           |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Word of mouth .....                                                                | 5,146                | 591           | 4,555         | 145                           | 369                       | 955                       | 1,012         | 339                         | 1,602               | 694           | 1,176         | 2,111         | 1,165         | 2,043         | 2,010            | 1,093         |
| Daily newspaper .....                                                              | 820                  | 102           | 718           | 21                            | 79                        | 151                       | 146           | 42                          | 236                 | 139           | 242           | 306           | 134           | 260           | 302              | 259           |
| Weekly newspaper or giveaway publication .....                                     | 248                  | 17            | 231           | 4                             | 12                        | 43                        | 36            | 13                          | 69                  | 32            | 67            | 109           | 41            | 62            | 129              | 58            |
| Craigslist .....                                                                   | 1,468                | 69            | 1,400         | 31                            | 38                        | 139                       | 187           | 12                          | 267                 | 254           | 242           | 334           | 638           | 717           | 610              | 141           |
| Realtor.com® .....                                                                 | 946                  | 603           | 344           | 36                            | 31                        | 104                       | 123           | 52                          | 107                 | 148           | 202           | 381           | 215           | 357           | 464              | 125           |
| Ad on a different Internet site .....                                              | 1,231                | 382           | 848           | 44                            | 22                        | 146                       | 136           | 26                          | 191                 | 145           | 252           | 441           | 393           | 462           | 633              | 135           |
| Apartment rental agency listing .....                                              | 458                  | 38            | 420           | 15                            | Z                         | 149                       | 65            | 12                          | 116                 | 75            | 69            | 202           | 112           | 240           | 180              | 38            |
| Talking with a real estate agent .....                                             | 993                  | 705           | 288           | 73                            | 12                        | 75                        | 121           | 55                          | 88                  | 167           | 192           | 341           | 293           | 295           | 536              | 162           |
| Sign on outside of building .....                                                  | 1,648                | 209           | 1,439         | 78                            | 54                        | 265                       | 465           | 64                          | 437                 | 120           | 355           | 650           | 522           | 698           | 730              | 220           |
| Billboard .....                                                                    | 39                   | 8             | 30            | 4                             | 5                         | 1                         | 7             | 2                           | 11                  | 4             | 12            | 13            | 10            | 13            | 20               | 5             |
| Radio ad .....                                                                     | 14                   | 2             | 12            | 8                             | Z                         | 2                         | Z             | 1                           | 1                   | Z             | 7             | 5             | 2             | 11            | 3                | Z             |
| Other .....                                                                        | 3,110                | 685           | 2,425         | 162                           | 159                       | 539                       | 518           | 294                         | 895                 | 419           | 573           | 1,320         | 799           | 1,114         | 1,418            | 579           |
| Not reported .....                                                                 | 742                  | 178           | 564           | 45                            | 36                        | 174                       | 59            | 151                         | 178                 | 94            | 155           | 318           | 174           | 265           | 361              | 117           |

See footnotes at end of table.

Table C-07-AO.

**Housing and Neighborhood Search and Satisfaction—All Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                       | Total<br>occu-<br>pied<br>units | Tenure |        | Housing unit<br>characteristics                  |                                            | Household characteristics |               |                                         |                           | Regions        |              |       |       | Inside MSA      |                        | Out-<br>side<br>MSA |
|-------------------------------------------------------|---------------------------------|--------|--------|--------------------------------------------------|--------------------------------------------|---------------------------|---------------|-----------------------------------------|---------------------------|----------------|--------------|-------|-------|-----------------|------------------------|---------------------|
|                                                       |                                 | Owner  | Renter | New<br>con-<br>struc-<br>tion<br>past 4<br>years | Manu-<br>fac-<br>tured/<br>mobile<br>homes | Black<br>alone            | His-<br>panic | Elderly<br>(65<br>years<br>and<br>over) | Below<br>poverty<br>level | North-<br>east | Mid-<br>west | South | West  | Central<br>city | Not<br>central<br>city |                     |
|                                                       |                                 |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |       |       |                 |                        |                     |
| <b>Choice of Present Home<sup>2</sup></b>             |                                 |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |       |       |                 |                        |                     |
| Financial reasons . . . . .                           | 6,036                           | 1,151  | 4,885  | 136                                              | 402                                        | 915                       | 1,078         | 282                                     | 1,657                     | 788            | 1,265        | 2,299 | 1,684 | 2,354           | 2,641                  | 1,041               |
| Room layout/design . . . . .                          | 4,517                           | 1,185  | 3,332  | 259                                              | 102                                        | 651                       | 731           | 258                                     | 919                       | 692            | 985          | 1,583 | 1,258 | 1,773           | 2,126                  | 618                 |
| Kitchen . . . . .                                     | 1,026                           | 325    | 701    | 71                                               | 32                                         | 166                       | 141           | 54                                      | 206                       | 173            | 211          | 353   | 290   | 387             | 481                    | 158                 |
| Size . . . . .                                        | 3,948                           | 945    | 3,003  | 173                                              | 137                                        | 677                       | 714           | 192                                     | 845                       | 623            | 860          | 1,426 | 1,039 | 1,519           | 1,791                  | 639                 |
| Exterior appearance . . . . .                         | 2,061                           | 638    | 1,423  | 143                                              | 55                                         | 323                       | 360           | 140                                     | 372                       | 295            | 376          | 774   | 616   | 733             | 982                    | 346                 |
| Yard/trees/view . . . . .                             | 1,801                           | 623    | 1,178  | 74                                               | 69                                         | 195                       | 228           | 113                                     | 299                       | 288            | 382          | 603   | 528   | 609             | 895                    | 297                 |
| Quality of construction . . . . .                     | 1,511                           | 536    | 975    | 143                                              | 47                                         | 173                       | 248           | 100                                     | 277                       | 216            | 300          | 526   | 469   | 609             | 649                    | 252                 |
| Only one available . . . . .                          | 794                             | 71     | 723    | 9                                                | 55                                         | 158                       | 120           | 48                                      | 305                       | 108            | 200          | 299   | 188   | 272             | 307                    | 216                 |
| Other . . . . .                                       | 3,884                           | 760    | 3,125  | 149                                              | 160                                        | 532                       | 606           | 311                                     | 944                       | 545            | 812          | 1,469 | 1,058 | 1,553           | 1,656                  | 675                 |
| Not reported . . . . .                                | 616                             | 143    | 473    | 32                                               | 35                                         | 136                       | 71            | 123                                     | 156                       | 84             | 123          | 273   | 135   | 235             | 283                    | 97                  |
| <b>Main Reason for Choice of Present Home</b>         |                                 |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |       |       |                 |                        |                     |
| All reported reasons equal . . . . .                  | 2,462                           | 661    | 1,801  | 127                                              | 71                                         | 321                       | 385           | 144                                     | 482                       | 412            | 505          | 830   | 715   | 901             | 1,173                  | 388                 |
| Financial reasons . . . . .                           | 4,346                           | 775    | 3,571  | 75                                               | 337                                        | 718                       | 806           | 197                                     | 1,287                     | 512            | 931          | 1,762 | 1,140 | 1,725           | 1,842                  | 779                 |
| Room layout/design . . . . .                          | 2,049                           | 512    | 1,537  | 115                                              | 35                                         | 333                       | 339           | 109                                     | 441                       | 293            | 462          | 736   | 558   | 832             | 954                    | 262                 |
| Kitchen . . . . .                                     | 117                             | 30     | 88     | 4                                                | 1                                          | 19                        | 9             | 3                                       | 24                        | 27             | 20           | 34    | 36    | 58              | 41                     | 18                  |
| Size . . . . .                                        | 1,861                           | 339    | 1,522  | 77                                               | 75                                         | 377                       | 396           | 76                                      | 445                       | 251            | 384          | 749   | 477   | 725             | 768                    | 368                 |
| Exterior appearance . . . . .                         | 468                             | 119    | 349    | 35                                               | 12                                         | 98                        | 98            | 15                                      | 95                        | 37             | 69           | 224   | 138   | 155             | 228                    | 85                  |
| Yard/trees/view . . . . .                             | 508                             | 182    | 325    | 15                                               | 38                                         | 41                        | 46            | 39                                      | 93                        | 61             | 112          | 177   | 157   | 141             | 253                    | 113                 |
| Quality of construction . . . . .                     | 477                             | 145    | 332    | 59                                               | 18                                         | 72                        | 79            | 28                                      | 109                       | 58             | 90           | 197   | 131   | 214             | 195                    | 67                  |
| Only one available . . . . .                          | 653                             | 54     | 599    | 5                                                | 45                                         | 139                       | 100           | 43                                      | 251                       | 90             | 177          | 240   | 146   | 233             | 244                    | 176                 |
| Other . . . . .                                       | 3,202                           | 601    | 2,601  | 117                                              | 142                                        | 466                       | 531           | 267                                     | 790                       | 447            | 645          | 1,267 | 843   | 1,296           | 1,354                  | 552                 |
| Not reported . . . . .                                | 726                             | 175    | 551    | 36                                               | 43                                         | 161                       | 85            | 142                                     | 183                       | 103            | 150          | 314   | 159   | 258             | 345                    | 123                 |
| <b>Recent Mover Comparison to Previous Home</b>       |                                 |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |       |       |                 |                        |                     |
| Better home . . . . .                                 | 8,504                           | 2,232  | 6,273  | 427                                              | 421                                        | 1,365                     | 1,552         | 436                                     | 2,054                     | 1,189          | 1,797        | 3,258 | 2,261 | 3,302           | 3,644                  | 1,558               |
| Worse home . . . . .                                  | 2,933                           | 335    | 2,598  | 44                                               | 168                                        | 442                       | 448           | 163                                     | 748                       | 324            | 612          | 1,119 | 879   | 1,160           | 1,327                  | 445                 |
| About the same . . . . .                              | 4,812                           | 855    | 3,957  | 164                                              | 193                                        | 807                       | 823           | 326                                     | 1,242                     | 679            | 1,022        | 1,894 | 1,218 | 1,851           | 2,137                  | 824                 |
| Not reported . . . . .                                | 614                             | 169    | 445    | 30                                               | 34                                         | 130                       | 52            | 138                                     | 153                       | 99             | 113          | 260   | 141   | 222             | 288                    | 104                 |
| <b>Neighborhood Search</b>                            |                                 |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |       |       |                 |                        |                     |
| Looked at just this neighborhood. . . . .             | 7,221                           | 1,341  | 5,879  | 238                                              | 546                                        | 1,063                     | 1,374         | 506                                     | 2,039                     | 930            | 1,521        | 2,897 | 1,873 | 2,735           | 3,120                  | 1,365               |
| Looked at other neighborhood(s) . . . . .             | 9,059                           | 2,100  | 6,959  | 402                                              | 239                                        | 1,553                     | 1,460         | 427                                     | 2,017                     | 1,273          | 1,911        | 3,391 | 2,484 | 3,585           | 4,007                  | 1,467               |
| Not reported . . . . .                                | 583                             | 149    | 435    | 24                                               | 31                                         | 128                       | 41            | 130                                     | 142                       | 87             | 112          | 243   | 142   | 216             | 269                    | 99                  |
| <b>Choice of Present Neighborhood<sup>2</sup></b>     |                                 |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |       |       |                 |                        |                     |
| Convenient to job. . . . .                            | 3,474                           | 539    | 2,935  | 115                                              | 166                                        | 416                       | 627           | 50                                      | 554                       | 519            | 674          | 1,416 | 866   | 1,371           | 1,564                  | 539                 |
| Convenient to friends or relatives . . . . .          | 2,597                           | 495    | 2,102  | 66                                               | 188                                        | 356                       | 407           | 227                                     | 745                       | 423            | 653          | 930   | 591   | 974             | 1,138                  | 485                 |
| Convenient to leisure activities . . . . .            | 1,131                           | 257    | 873    | 50                                               | 34                                         | 124                       | 134           | 79                                      | 179                       | 199            | 229          | 396   | 306   | 562             | 449                    | 119                 |
| Convenient to public transportation . . . . .         | 766                             | 78     | 688    | 30                                               | 2                                          | 143                       | 127           | 59                                      | 213                       | 214            | 158          | 210   | 184   | 491             | 237                    | 38                  |
| Good schools. . . . .                                 | 1,618                           | 370    | 1,248  | 41                                               | 31                                         | 224                       | 268           | 11                                      | 437                       | 250            | 361          | 515   | 492   | 592             | 759                    | 266                 |
| Other public services. . . . .                        | 561                             | 80     | 481    | 25                                               | 17                                         | 121                       | 80            | 53                                      | 152                       | 131            | 118          | 171   | 141   | 271             | 216                    | 74                  |
| Looks/design of neighborhood . . . . .                | 2,342                           | 696    | 1,646  | 129                                              | 99                                         | 356                       | 353           | 136                                     | 412                       | 371            | 500          | 881   | 591   | 901             | 1,016                  | 425                 |
| House was most important consideration . . . . .      | 1,843                           | 548    | 1,296  | 78                                               | 62                                         | 263                       | 226           | 156                                     | 374                       | 294            | 368          | 712   | 471   | 655             | 797                    | 392                 |
| Other . . . . .                                       | 2,867                           | 635    | 2,232  | 128                                              | 137                                        | 460                       | 482           | 251                                     | 802                       | 369            | 634          | 1,117 | 748   | 1,121           | 1,229                  | 517                 |
| Not reported <sup>3</sup> . . . . .                   | 5,284                           | 1,225  | 4,059  | 246                                              | 221                                        | 972                       | 976           | 354                                     | 1,377                     | 653            | 976          | 2,109 | 1,546 | 2,038           | 2,438                  | 808                 |
| <b>Main Reason for Choice of Present Neighborhood</b> |                                 |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |       |       |                 |                        |                     |
| All reported reasons equal . . . . .                  | 1,175                           | 206    | 969    | 42                                               | 38                                         | 166                       | 189           | 57                                      | 248                       | 229            | 231          | 399   | 317   | 515             | 497                    | 164                 |
| Convenient to job. . . . .                            | 2,305                           | 294    | 2,012  | 71                                               | 134                                        | 291                       | 426           | 25                                      | 376                       | 300            | 456          | 999   | 550   | 870             | 1,033                  | 402                 |
| Convenient to friends or relatives . . . . .          | 1,539                           | 300    | 1,239  | 38                                               | 147                                        | 223                       | 255           | 163                                     | 498                       | 210            | 435          | 564   | 330   | 560             | 668                    | 311                 |
| Convenient to leisure activities . . . . .            | 280                             | 77     | 203    | 12                                               | 12                                         | 28                        | 37            | 33                                      | 46                        | 24             | 54           | 114   | 89    | 142             | 111                    | 28                  |
| Convenient to public transportation . . . . .         | 186                             | 6      | 180    | 7                                                | Z                                          | 43                        | 39            | 14                                      | 60                        | 57             | 39           | 52    | 38    | 126             | 47                     | 14                  |
| Good schools. . . . .                                 | 978                             | 204    | 774    | 20                                               | 24                                         | 144                       | 161           | 5                                       | 288                       | 149            | 225          | 310   | 293   | 330             | 470                    | 178                 |
| Other public services. . . . .                        | 152                             | 5      | 147    | 5                                                | 5                                          | 53                        | 27            | 12                                      | 71                        | 16             | 42           | 47    | 47    | 82              | 42                     | 28                  |
| Looks/design of neighborhood . . . . .                | 1,235                           | 386    | 850    | 69                                               | 55                                         | 224                       | 180           | 73                                      | 234                       | 171            | 287          | 455   | 322   | 455             | 549                    | 231                 |
| House was most important consideration . . . . .      | 1,293                           | 363    | 930    | 62                                               | 45                                         | 200                       | 170           | 118                                     | 277                       | 184            | 249          | 528   | 332   | 452             | 522                    | 318                 |
| Other . . . . .                                       | 2,435                           | 526    | 1,909  | 92                                               | 135                                        | 401                       | 415           | 208                                     | 723                       | 296            | 550          | 955   | 634   | 965             | 1,020                  | 450                 |
| Not reported . . . . .                                | 5,287                           | 1,227  | 4,060  | 246                                              | 221                                        | 972                       | 976           | 354                                     | 1,378                     | 653            | 978          | 2,109 | 1,547 | 2,041           | 2,438                  | 808                 |

See footnotes at end of table.

Table C-07-AO.

**Housing and Neighborhood Search and Satisfaction—All Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                         | Total occupied units | Tenure |        | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |          |       |       | Inside MSA   |                  | Outside MSA |
|---------------------------------------------------------|----------------------|--------|--------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|----------|-------|-------|--------------|------------------|-------------|
|                                                         |                      | Owner  | Renter | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Mid-west | South | West  | Central city | Not central city |             |
| <b>Recent Mover Comparison to Previous Neighborhood</b> |                      |        |        |                               |                           |                           |          |                             |                     |            |          |       |       |              |                  |             |
| Better neighborhood . . . . .                           | 6,548                | 1,609  | 4,939  | 276                           | 351                       | 1,079                     | 1,286    | 322                         | 1,530               | 852        | 1,369    | 2,593 | 1,734 | 2,402        | 2,968            | 1,178       |
| Worse neighborhood . . . . .                            | 2,176                | 246    | 1,930  | 46                            | 110                       | 340                       | 367      | 88                          | 634                 | 267        | 475      | 809   | 625   | 1,058        | 858              | 261         |
| About the same . . . . .                                | 6,580                | 1,353  | 5,227  | 269                           | 288                       | 1,042                     | 1,001    | 448                         | 1,620               | 874        | 1,412    | 2,513 | 1,781 | 2,474        | 2,871            | 1,235       |
| Same neighborhood . . . . .                             | 906                  | 202    | 704    | 41                            | 32                        | 151                       | 165      | 60                          | 259                 | 190        | 165      | 333   | 218   | 364          | 396              | 147         |
| Not reported . . . . .                                  | 653                  | 181    | 472    | 33                            | 35                        | 133                       | 56       | 144                         | 155                 | 107        | 123      | 283   | 141   | 239          | 304              | 111         |

<sup>1</sup> Restricted to units where the respondent (the person who answered the survey) moved in the past year from within the United States. Figures are not comparable to 2009; see Appendix C for details.<sup>2</sup> Figures may not add to total because more than one category may apply to a unit.<sup>3</sup> In 2011, there was an error which caused some eligible respondents to not be asked this question. This increased the number of values that were not reported.

Table C-08-AO.

**Household Demographics—All Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                         | Total occupied units | Tenure        |               | Housing unit characteristics  |                           | Household characteristics |               |                             |                     | Regions       |               |               |               | Inside MSA    |                  | Out-side MSA  |
|---------------------------------------------------------|----------------------|---------------|---------------|-------------------------------|---------------------------|---------------------------|---------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                         |                      | Owner         | Renter        | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic      | Elderly (65 years and over) | Below poverty level | North-east    | Mid-west      | South         | West          | Central city  | Not central city |               |
| <b>Total . . . . .</b>                                  | <b>114,907</b>       | <b>76,091</b> | <b>38,816</b> | <b>2,571</b>                  | <b>7,190</b>              | <b>14,694</b>             | <b>13,841</b> | <b>25,058</b>               | <b>18,129</b>       | <b>21,066</b> | <b>25,682</b> | <b>42,584</b> | <b>25,575</b> | <b>33,892</b> | <b>58,218</b>    | <b>22,797</b> |
| <b>HOUSEHOLDER CHARACTERISTICS</b>                      |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| <b>Race and Hispanic Origin</b>                         |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| White alone . . . . .                                   | 92,820               | 65,357        | 27,463        | 2,031                         | 6,378                     | X                         | 12,630        | 21,635                      | 12,709              | 17,230        | 21,976        | 32,719        | 20,895        | 24,062        | 48,400           | 20,358        |
| Non-Hispanic . . . . .                                  | 80,190               | 59,274        | 20,916        | 1,814                         | 5,576                     | X                         | X             | 20,087                      | 9,475               | 15,435        | 20,962        | 27,884        | 15,910        | 18,764        | 42,311           | 19,115        |
| Hispanic . . . . .                                      | 12,630               | 6,083         | 6,547         | 217                           | 803                       | X                         | 12,630        | 1,548                       | 3,233               | 1,795         | 1,015         | 4,834         | 4,986         | 5,298         | 6,089            | 1,243         |
| Black alone . . . . .                                   | 14,694               | 6,662         | 8,033         | 293                           | 595                       | 14,694                    | 535           | 2,429                       | 4,186               | 2,510         | 2,659         | 8,144         | 1,381         | 7,032         | 6,043            | 1,619         |
| Non-Hispanic . . . . .                                  | 14,159               | 6,496         | 7,664         | 285                           | 583                       | 14,159                    | X             | 2,374                       | 4,036               | 2,288         | 2,596         | 7,963         | 1,312         | 6,730         | 5,846            | 1,583         |
| Hispanic . . . . .                                      | 535                  | 166           | 369           | 8                             | 11                        | 535                       | 535           | 55                          | 150                 | 222           | 63            | 181           | 69            | 303           | 196              | 36            |
| American Indian or Alaska Native alone . . . . .        | 965                  | 409           | 556           | 21                            | 82                        | X                         | 232           | 147                         | 270                 | 69            | 168           | 252           | 475           | 289           | 289              | 386           |
| Asian alone . . . . .                                   | 4,620                | 2,714         | 1,907         | 180                           | 42                        | X                         | 134           | 563                         | 626                 | 1,019         | 547           | 908           | 2,146         | 1,880         | 2,601            | 140           |
| Pacific Islander alone <sup>1</sup> . . . . .           | 328                  | 158           | 170           | 17                            | 3                         | X                         | 58            | 45                          | 47                  | 23            | 37            | 72            | 196           | 106           | 205              | 17            |
| Two or more races . . . . .                             | 1,480                | 793           | 688           | 28                            | 91                        | X                         | 253           | 240                         | 291                 | 215           | 295           | 489           | 482           | 524           | 680              | 276           |
| Hispanic or Latino (any race) <sup>2</sup> . . . . .    | 13,841               | 6,530         | 7,311         | 239                           | 841                       | 535                       | 13,841        | 1,668                       | 3,547               | 2,119         | 1,151         | 5,155         | 5,416         | 5,882         | 6,613            | 1,346         |
| <b>Age of Householder</b>                               |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Under 25 years old . . . . .                            | 5,398                | 830           | 4,568         | 167                           | 322                       | 815                       | 990           | X                           | 1,996               | 772           | 1,249         | 2,087         | 1,290         | 2,387         | 1,976            | 1,035         |
| 25 to 29 years old . . . . .                            | 8,745                | 3,136         | 5,610         | 337                           | 416                       | 1,242                     | 1,429         | X                           | 1,575               | 1,373         | 1,970         | 3,277         | 2,124         | 3,380         | 3,860            | 1,505         |
| 30 to 34 years old . . . . .                            | 10,735               | 5,391         | 5,343         | 413                           | 518                       | 1,527                     | 1,723         | X                           | 1,646               | 1,811         | 2,304         | 4,146         | 2,473         | 3,709         | 5,291            | 1,735         |
| 35 to 44 years old . . . . .                            | 20,447               | 12,847        | 7,600         | 629                           | 1,240                     | 2,956                     | 3,348         | X                           | 2,967               | 3,603         | 4,404         | 7,653         | 4,787         | 6,097         | 10,796           | 3,553         |
| 45 to 54 years old . . . . .                            | 23,416               | 16,994        | 6,422         | 415                           | 1,472                     | 3,197                     | 2,855         | X                           | 3,096               | 4,502         | 5,228         | 8,560         | 5,125         | 6,496         | 12,645           | 4,275         |
| 55 to 64 years old . . . . .                            | 21,108               | 16,643        | 4,466         | 370                           | 1,420                     | 2,530                     | 1,829         | X                           | 2,683               | 4,084         | 4,719         | 7,755         | 4,551         | 5,436         | 11,098           | 4,574         |
| 65 to 74 years old . . . . .                            | 13,168               | 10,802        | 2,366         | 165                           | 1,051                     | 1,434                     | 989           | 13,168                      | 1,923               | 2,440         | 3,015         | 4,945         | 2,768         | 3,214         | 6,709            | 3,245         |
| 75 years old and over . . . . .                         | 11,890               | 9,448         | 2,442         | 75                            | 751                       | 995                       | 679           | 11,890                      | 2,242               | 2,481         | 2,794         | 4,160         | 2,456         | 3,173         | 5,842            | 2,875         |
| <b>Median (years old) . . . . .</b>                     | <b>50</b>            | <b>54</b>     | <b>39</b>     | <b>40</b>                     | <b>52</b>                 | <b>47</b>                 | <b>43</b>     | <b>74</b>                   | <b>48</b>           | <b>51</b>     | <b>50</b>     | <b>49</b>     | <b>49</b>     | <b>47</b>     | <b>50</b>        | <b>53</b>     |
| <b>Educational Attainment of the Householder</b>        |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Less than 9th grade . . . . .                           | 5,107                | 2,867         | 2,240         | 39                            | 725                       | 581                       | 2,471         | 2,276                       | 1,966               | 730           | 730           | 2,361         | 1,286         | 1,838         | 2,063            | 1,206         |
| 9th to 12th grade, no diploma . . . . .                 | 10,030               | 5,217         | 4,813         | 111                           | 1,316                     | 1,992                     | 2,264         | 2,992                       | 3,466               | 1,797         | 2,029         | 4,347         | 1,857         | 3,075         | 4,538            | 2,416         |
| High school graduate (includes equivalency) . . . . .   | 33,934               | 22,177        | 11,757        | 628                           | 3,140                     | 4,731                     | 4,060         | 8,502                       | 6,132               | 6,404         | 8,674         | 12,448        | 6,407         | 8,693         | 16,644           | 8,597         |
| Additional vocational training . . . . .                | 4,149                | 2,828         | 1,321         | 124                           | 339                       | 514                       | 408           | 866                         | 629                 | 699           | 1,181         | 1,403         | 866           | 1,019         | 2,126            | 1,003         |
| Some college, no degree . . . . .                       | 20,582               | 12,601        | 7,981         | 430                           | 959                       | 3,076                     | 2,139         | 4,073                       | 3,420               | 3,036         | 4,723         | 7,500         | 5,323         | 6,388         | 10,229           | 3,965         |
| Associate's degree . . . . .                            | 9,802                | 6,766         | 3,037         | 245                           | 556                       | 1,316                     | 947           | 1,310                       | 1,109               | 1,715         | 2,279         | 3,569         | 2,239         | 2,708         | 5,093            | 2,001         |
| Bachelor's degree . . . . .                             | 22,288               | 16,088        | 6,201         | 713                           | 395                       | 1,986                     | 1,332         | 3,236                       | 1,451               | 4,363         | 4,639         | 7,900         | 5,386         | 6,986         | 12,351           | 2,952         |
| Graduate or professional degree . . . . .               | 13,164               | 10,375        | 2,789         | 405                           | 99                        | 1,012                     | 629           | 2,670                       | 585                 | 3,020         | 2,608         | 4,458         | 3,078         | 4,204         | 7,300            | 1,660         |
| <b>Percent high school graduate or higher . . . . .</b> | <b>86.8</b>          | <b>89.4</b>   | <b>81.8</b>   | <b>94.1</b>                   | <b>71.6</b>               | <b>82.5</b>               | <b>65.8</b>   | <b>79.0</b>                 | <b>70.0</b>         | <b>88.0</b>   | <b>89.3</b>   | <b>84.2</b>   | <b>87.7</b>   | <b>85.5</b>   | <b>88.7</b>      | <b>84.1</b>   |
| <b>Percent bachelor's degree or higher . . . . .</b>    | <b>30.9</b>          | <b>34.8</b>   | <b>23.2</b>   | <b>43.5</b>                   | <b>6.9</b>                | <b>20.4</b>               | <b>14.2</b>   | <b>23.6</b>                 | <b>11.2</b>         | <b>35.1</b>   | <b>28.2</b>   | <b>29.0</b>   | <b>33.1</b>   | <b>33.0</b>   | <b>33.8</b>      | <b>20.2</b>   |
| <b>Citizenship of Householder</b>                       |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Citizen of the United States . . . . .                  | 107,220              | 73,130        | 34,090        | 2,428                         | 6,753                     | 14,008                    | 9,528         | 24,542                      | 16,010              | 19,599        | 24,851        | 39,915        | 22,855        | 30,646        | 54,290           | 22,284        |
| Naturalized citizen of the United States . . . . .      | 7,865                | 5,095         | 2,770         | 214                           | 190                       | 872                       | 2,477         | 1,823                       | 1,281               | 2,068         | 862           | 2,118         | 2,817         | 3,062         | 4,441            | 362           |
| Not citizen of the United States . . . . .              | 7,687                | 2,962         | 4,725         | 143                           | 437                       | 686                       | 4,313         | 516                         | 2,118               | 1,467         | 831           | 2,668         | 2,721         | 3,247         | 3,928            | 512           |
| <b>Year Householder Immigrated to the United States</b> |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| 2010 to 2014 . . . . .                                  | 382                  | 21            | 361           | 11                            | 9                         | 42                        | 70            | 5                           | 134                 | 83            | 54            | 135           | 110           | 195           | 168              | 19            |
| 2005 to 2009 . . . . .                                  | 1,513                | 317           | 1,196         | 44                            | 48                        | 172                       | 539           | 40                          | 397                 | 333           | 198           | 579           | 403           | 701           | 736              | 76            |
| 2000 to 2004 . . . . .                                  | 2,167                | 701           | 1,466         | 57                            | 139                       | 240                       | 1,116         | 65                          | 543                 | 485           | 249           | 722           | 711           | 897           | 1,126            | 145           |
| 1995 to 1999 . . . . .                                  | 2,196                | 1,024         | 1,173         | 60                            | 112                       | 246                       | 1,084         | 101                         | 546                 | 468           | 250           | 753           | 726           | 913           | 1,131            | 153           |
| 1990 to 1994 . . . . .                                  | 2,042                | 1,091         | 952           | 45                            | 54                        | 207                       | 932           | 133                         | 416                 | 425           | 247           | 571           | 799           | 811           | 1,125            | 107           |
| 1980 to 1989 . . . . .                                  | 3,423                | 2,100         | 1,323         | 59                            | 129                       | 391                       | 1,603         | 355                         | 713                 | 760           | 288           | 989           | 1,386         | 1,421         | 1,892            | 111           |
| 1979 or before . . . . .                                | 3,827                | 2,803         | 1,024         | 81                            | 135                       | 261                       | 1,447         | 1,641                       | 651                 | 981           | 406           | 1,037         | 1,403         | 1,372         | 2,191            | 264           |

See footnotes at end of table.

Table C-08-AO.

**Household Demographics—All Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                       | Total occupied units | Tenure |        | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |          |        |        | Inside MSA   |                  |        | Out-side MSA |
|-------------------------------------------------------|----------------------|--------|--------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|----------|--------|--------|--------------|------------------|--------|--------------|
|                                                       |                      | Owner  | Renter | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Mid-west | South  | West   | Central city | Not central city |        |              |
|                                                       |                      |        |        |                               |                           |                           |          |                             |                     |            |          |        |        |              |                  |        |              |
| Year Householder Moved Into Unit                      |                      |        |        |                               |                           |                           |          |                             |                     |            |          |        |        |              |                  |        |              |
| 2010 to 2014 . . . . .                                | 24,126               | 5,902  | 18,225 | 1,045                         | 1,138                     | 3,892                     | 3,993    | 1,499                       | 5,670               | 3,483      | 4,992    | 9,162  | 6,489  | 9,202        | 10,751           | 4,173  |              |
| 2005 to 2009 . . . . .                                | 32,416               | 18,966 | 13,450 | 1,511                         | 2,119                     | 4,659                     | 4,588    | 3,641                       | 5,331               | 5,640      | 6,910    | 12,510 | 7,356  | 10,290       | 16,338           | 5,788  |              |
| 2000 to 2004 . . . . .                                | 18,326               | 14,921 | 3,405  | 3                             | 1,505                     | 1,959                     | 2,206    | 3,250                       | 2,263               | 3,265      | 4,075    | 6,794  | 4,192  | 4,604        | 10,081           | 3,641  |              |
| 1995 to 1999 . . . . .                                | 11,626               | 10,106 | 1,521  | 4                             | 1,151                     | 1,227                     | 1,178    | 2,737                       | 1,350               | 2,224      | 2,612    | 4,268  | 2,522  | 2,786        | 6,381            | 2,459  |              |
| 1990 to 1994 . . . . .                                | 7,994                | 7,115  | 879    | 3                             | 622                       | 821                       | 626      | 2,171                       | 962                 | 1,574      | 1,953    | 2,929  | 1,538  | 1,971        | 4,242            | 1,780  |              |
| 1985 to 1989 . . . . .                                | 5,712                | 5,279  | 434    | Z                             | 290                       | 533                       | 399      | 1,863                       | 539                 | 1,209      | 1,390    | 1,959  | 1,155  | 1,344        | 3,173            | 1,195  |              |
| 1980 to 1984 . . . . .                                | 3,347                | 3,052  | 295    | 3                             | 159                       | 356                       | 254      | 1,391                       | 407                 | 891        | 772      | 1,170  | 514    | 829          | 1,704            | 814    |              |
| 1975 to 1979 . . . . .                                | 3,771                | 3,542  | 229    | 2                             | 114                       | 406                       | 219      | 2,133                       | 441                 | 797        | 1,001    | 1,300  | 672    | 950          | 1,804            | 1,017  |              |
| 1970 to 1974 . . . . .                                | 2,612                | 2,471  | 141    | Z                             | 70                        | 305                       | 172      | 1,963                       | 365                 | 601        | 676      | 941    | 394    | 638          | 1,262            | 712    |              |
| 1960 to 1969 . . . . .                                | 3,078                | 2,939  | 139    | Z                             | 20                        | 349                       | 127      | 2,717                       | 462                 | 800        | 816      | 991    | 472    | 820          | 1,564            | 694    |              |
| 1950 to 1959 . . . . .                                | 1,494                | 1,427  | 67     | Z                             | Z                         | 158                       | 70       | 1,309                       | 233                 | 443        | 385      | 433    | 234    | 374          | 734              | 387    |              |
| 1940 to 1949 . . . . .                                | 297                  | 271    | 26     | Z                             | Z                         | 22                        | 11       | 276                         | 72                  | 112        | 71       | 93     | 22     | 60           | 155              | 82     |              |
| 1939 or earlier . . . . .                             | 108                  | 102    | 6      | Z                             | Z                         | 8                         | Z        | 108                         | 34                  | 28         | 29       | 36     | 15     | 23           | 30               | 54     |              |
| Median (year) . . . . .                               | 2004                 | 2000   | 2009   | 2009                          | 2004                      | 2006                      | 2007     | 1991                        | 2007                | 2003       | 2004     | 2005   | 2005   | 2006         | 2004             | 2003   |              |
| HOUSEHOLD CHARACTERISTICS                             |                      |        |        |                               |                           |                           |          |                             |                     |            |          |        |        |              |                  |        |              |
| Household Moves and Formation in Last Year            |                      |        |        |                               |                           |                           |          |                             |                     |            |          |        |        |              |                  |        |              |
| Total with a move in last year . . . . .              | 22,709               | 7,349  | 15,359 | 827                           | 1,274                     | 3,474                     | 3,771    | 1,548                       | 5,209               | 3,268      | 4,810    | 8,681  | 5,949  | 8,355        | 10,306           | 4,048  |              |
| Household all moved here from one unit . . . . .      | 14,516               | 3,107  | 11,409 | 615                           | 687                       | 2,425                     | 2,475    | 997                         | 3,744               | 1,937      | 3,014    | 5,770  | 3,795  | 5,597        | 6,411            | 2,508  |              |
| Previous householder moved here . . . . .             | 10,490               | 2,476  | 8,014  | 486                           | 507                       | 1,725                     | 1,749    | 793                         | 2,359               | 1,345      | 2,171    | 4,141  | 2,832  | 3,922        | 4,692            | 1,875  |              |
| Previous householder did not move here . . . . .      | 2,786                | 401    | 2,385  | 73                            | 121                       | 487                       | 542      | 102                         | 1,010               | 405        | 606      | 1,125  | 649    | 1,138        | 1,179            | 468    |              |
| Previous householder not reported . . . . .           | 1,241                | 230    | 1,010  | 57                            | 59                        | 213                       | 184      | 102                         | 375                 | 187        | 236      | 504    | 314    | 537          | 540              | 164    |              |
| Household moved here from two or more units . . . . . | 1,898                | 273    | 1,625  | 38                            | 77                        | 230                       | 295      | 24                          | 376                 | 283        | 438      | 619    | 558    | 814          | 763              | 321    |              |
| 1 previous householder moved here . . . . .           | 464                  | 53     | 411    | 6                             | 23                        | 51                        | 65       | 3                           | 81                  | 66         | 107      | 160    | 131    | 179          | 207              | 78     |              |
| 2 or more previous householders moved here . . . . .  | 697                  | 113    | 583    | 15                            | 29                        | 84                        | 96       | 16                          | 95                  | 93         | 149      | 226    | 229    | 316          | 289              | 92     |              |
| No previous householder moved here . . . . .          | 398                  | 60     | 337    | 10                            | 13                        | 47                        | 74       | Z                           | 87                  | 73         | 101      | 126    | 97     | 147          | 169              | 81     |              |
| Previous householder(s) not reported . . . . .        | 340                  | 46     | 293    | 7                             | 12                        | 48                        | 60       | 5                           | 114                 | 50         | 82       | 107    | 102    | 171          | 98               | 70     |              |
| Some already here, rest moved in . . . . .            | 6,292                | 3,968  | 2,324  | 174                           | 509                       | 819                       | 1,002    | 527                         | 1,087               | 1,049      | 1,355    | 2,293  | 1,595  | 1,941        | 3,132            | 1,219  |              |
| 1 or more previous householders moved here . . . . .  | 2,164                | 1,415  | 749    | 56                            | 179                       | 279                       | 310      | 271                         | 329                 | 306        | 457      | 826    | 574    | 655          | 1,069            | 440    |              |
| No previous householder moved here . . . . .          | 3,499                | 2,173  | 1,326  | 105                           | 285                       | 440                       | 594      | 189                         | 640                 | 618        | 759      | 1,273  | 849    | 1,054        | 1,753            | 692    |              |
| Previous householder(s) not reported . . . . .        | 629                  | 379    | 250    | 13                            | 44                        | 99                        | 98       | 67                          | 118                 | 125        | 139      | 194    | 171    | 231          | 310              | 87     |              |
| Number of previous units not reported . . . . .       | 3                    | 2      | 1      | Z                             | Z                         | Z                         | Z        | Z                           | 1                   | Z          | 2        | Z      | 1      | 3            | Z                | Z      |              |
| Persons                                               |                      |        |        |                               |                           |                           |          |                             |                     |            |          |        |        |              |                  |        |              |
| 1 person . . . . .                                    | 31,332               | 17,563 | 13,769 | 565                           | 2,000                     | 4,680                     | 2,490    | 10,778                      | 7,294               | 6,086      | 7,320    | 11,425 | 6,501  | 10,808       | 14,281           | 6,243  |              |
| 2 persons . . . . .                                   | 38,420               | 27,896 | 10,524 | 860                           | 2,419                     | 3,942                     | 3,235    | 11,552                      | 3,795               | 6,847      | 8,842    | 14,455 | 8,276  | 10,621       | 19,302           | 8,497  |              |
| 3 persons . . . . .                                   | 17,863               | 11,889 | 5,974  | 479                           | 1,084                     | 2,613                     | 2,510    | 1,645                       | 2,198               | 3,090      | 3,654    | 7,005  | 4,114  | 5,043        | 9,469            | 3,351  |              |
| 4 persons . . . . .                                   | 15,591               | 10,922 | 4,669  | 426                           | 803                       | 1,810                     | 2,541    | 608                         | 2,027               | 2,938      | 3,499    | 5,642  | 3,511  | 4,051        | 8,851            | 2,689  |              |
| 5 persons . . . . .                                   | 7,391                | 4,988  | 2,403  | 162                           | 479                       | 1,000                     | 1,783    | 274                         | 1,551               | 1,380      | 1,525    | 2,577  | 1,908  | 2,096        | 4,085            | 1,210  |              |
| 6 persons . . . . .                                   | 2,607                | 1,702  | 905    | 61                            | 209                       | 376                       | 696      | 137                         | 635                 | 435        | 527      | 880    | 766    | 766          | 1,363            | 478    |              |
| 7 persons or more . . . . .                           | 1,704                | 1,131  | 572    | 18                            | 196                       | 274                       | 586      | 63                          | 629                 | 291        | 315      | 599    | 498    | 508          | 866              | 330    |              |
| Household Composition by Age of Householder           |                      |        |        |                               |                           |                           |          |                             |                     |            |          |        |        |              |                  |        |              |
| 2-or-more-person households . . . . .                 | 83,575               | 58,529 | 25,047 | 2,006                         | 5,190                     | 10,015                    | 11,352   | 14,280                      | 10,835              | 14,980     | 18,362   | 31,159 | 19,074 | 23,085       | 43,937           | 16,554 |              |
| Married-couple families, no nonrelatives . . . . .    | 55,753               | 45,408 | 10,345 | 1,486                         | 3,222                     | 4,157                     | 6,568    | 10,998                      | 4,305               | 10,041     | 12,584   | 20,593 | 12,536 | 13,172       | 30,942           | 11,639 |              |
| Under 25 years old . . . . .                          | 918                  | 234    | 684    | 35                            | 99                        | 72                        | 227      | X                           | 221                 | 117        | 162      | 397    | 243    | 298          | 405              | 215    |              |
| 25 to 29 years old . . . . .                          | 3,028                | 1,601  | 1,427  | 173                           | 155                       | 184                       | 549      | X                           | 339                 | 401        | 708      | 1,144  | 775    | 929          | 1,449            | 650    |              |
| 30 to 34 years old . . . . .                          | 5,170                | 3,339  | 1,831  | 237                           | 215                       | 378                       | 822      | X                           | 485                 | 822        | 1,170    | 1,977  | 1,201  | 1,494        | 2,874            | 803    |              |
| 35 to 44 years old . . . . .                          | 11,720               | 9,000  | 2,719  | 432                           | 715                       | 997                       | 1,904    | X                           | 1,081               | 2,103      | 2,486    | 4,374  | 2,756  | 2,908        | 6,666            | 2,146  |              |
| 45 to 64 years old . . . . .                          | 23,920               | 21,120 | 2,799  | 494                           | 1,289                     | 1,895                     | 2,406    | X                           | 1,377               | 4,613      | 5,529    | 8,568  | 5,209  | 5,290        | 13,695           | 4,935  |              |
| 65 years old and over . . . . .                       | 10,998               | 10,114 | 884    | 115                           | 749                       | 633                       | 660      | 10,998                      | 802                 | 1,984      | 2,528    | 4,134  | 2,351  | 2,253        | 5,853            | 2,891  |              |
| Other male householder . . . . .                      | 9,987                | 4,813  | 5,174  | 181                           | 817                       | 1,351                     | 1,852    | 872                         | 1,428               | 1,710      | 2,084    | 3,600  | 2,593  | 3,472        | 4,617            | 1,899  |              |
| Under 45 years old . . . . .                          | 5,897                | 1,993  | 3,904  | 130                           | 372                       | 775                       | 1,254    | X                           | 898                 | 931        | 1,282    | 2,112  | 1,572  | 2,276        | 2,549            | 1,073  |              |
| 45 to 64 years old . . . . .                          | 3,218                | 2,120  | 1,097  | 49                            | 330                       | 445                       | 503      | X                           | 404                 | 626        | 641      | 1,164  | 787    | 950          | 1,631            | 637    |              |
| 65 years old and over . . . . .                       | 872                  | 699    | 173    | 3                             | 114                       | 131                       | 95       | 872                         | 126                 | 153        | 160      | 324    | 234    | 246          | 436              | 189    |              |
| Other female householder . . . . .                    | 17,835               | 8,308  | 9,527  | 339                           | 1,151                     | 4,506                     | 2,931    | 2,410                       | 5,102               | 3,230      | 3,694    | 6,965  | 3,946  | 6,441        | 8,378            | 3,016  |              |
| Under 45 years old . . . . .                          | 9,436                | 2,806  | 6,631  | 245                           | 578                       | 2,542                     | 1,734    | X                           | 3,250               | 1,597      | 2,080    | 3,669  | 2,092  | 3,706        | 4,123            | 1,607  |              |
| 45 to 64 years old . . . . .                          | 5,989                | 3,625  | 2,364  | 82                            | 406                       | 1,476                     | 924      | X                           | 1,363               | 1,169      | 1,140    | 2,320  | 1,359  | 1,953        | 3,059            | 977    |              |
| 65 years old and over . . . . .                       | 2,410                | 1,877  | 532    | 12                            | 167                       | 488                       | 274      | 2,410                       | 488                 | 465        | 475      | 976    | 495    | 782          | 1,196            | 432    |              |

See footnotes at end of table.

Table C-08-AO.

**Household Demographics—All Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                        | Total<br>occu-<br>pied<br>units | Tenure |        | Housing unit<br>characteristics                  |                                            | Household characteristics |               |                                         |                           | Regions        |              |        |        | Inside MSA      |                        |        | Out-<br>side<br>MSA |
|------------------------------------------------------------------------|---------------------------------|--------|--------|--------------------------------------------------|--------------------------------------------|---------------------------|---------------|-----------------------------------------|---------------------------|----------------|--------------|--------|--------|-----------------|------------------------|--------|---------------------|
|                                                                        |                                 | Owner  | Renter | New<br>con-<br>struc-<br>tion<br>past 4<br>years | Manu-<br>fac-<br>tured/<br>mobile<br>homes | Black<br>alone            | His-<br>panic | Elderly<br>(65<br>years<br>and<br>over) | Below<br>poverty<br>level | North-<br>east | Mid-<br>west | South  | West   | Central<br>city | Not<br>central<br>city |        |                     |
|                                                                        |                                 |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |        |        |                 |                        |        |                     |
| <b>Household Composition by Age of Householder—Con.</b>                |                                 |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |        |        |                 |                        |        |                     |
| 1-person households . . . . .                                          | 31,332                          | 17,563 | 13,769 | 565                                              | 2,000                                      | 4,680                     | 2,490         | 10,778                                  | 7,294                     | 6,086          | 7,320        | 11,425 | 6,501  | 10,808          | 14,281                 | 6,243  |                     |
| Male householder . . . . .                                             | 14,220                          | 7,351  | 6,868  | 280                                              | 977                                        | 2,144                     | 1,331         | 3,187                                   | 2,859                     | 2,655          | 3,353        | 5,103  | 3,109  | 4,962           | 6,504                  | 2,754  |                     |
| Under 45 years old . . . . .                                           | 5,450                           | 2,046  | 3,403  | 181                                              | 254                                        | 831                       | 657           | X                                       | 999                       | 931            | 1,209        | 2,060  | 1,249  | 2,195           | 2,437                  | 817    |                     |
| 45 to 64 years old. . . . .                                            | 5,583                           | 3,136  | 2,447  | 72                                               | 470                                        | 933                       | 433           | X                                       | 1,202                     | 1,043          | 1,362        | 2,008  | 1,169  | 1,834           | 2,579                  | 1,170  |                     |
| 65 years old and over. . . . .                                         | 3,187                           | 2,169  | 1,018  | 27                                               | 253                                        | 381                       | 240           | 3,187                                   | 658                       | 681            | 782          | 1,034  | 691    | 934             | 1,487                  | 766    |                     |
| Female householder . . . . .                                           | 17,112                          | 10,211 | 6,901  | 285                                              | 1,023                                      | 2,535                     | 1,159         | 7,591                                   | 4,435                     | 3,431          | 3,967        | 6,322  | 3,392  | 5,845           | 7,778                  | 3,489  |                     |
| Under 45 years old. . . . .                                            | 3,706                           | 1,185  | 2,520  | 113                                              | 108                                        | 762                       | 342           | X                                       | 911                       | 657            | 830          | 1,431  | 787    | 1,768           | 1,420                  | 518    |                     |
| 45 to 64 years old. . . . .                                            | 5,815                           | 3,635  | 2,180  | 90                                               | 396                                        | 977                       | 418           | X                                       | 1,432                     | 1,136          | 1,273        | 2,255  | 1,152  | 1,906           | 2,779                  | 1,131  |                     |
| 65 years old and over. . . . .                                         | 7,591                           | 5,390  | 2,201  | 83                                               | 518                                        | 796                       | 399           | 7,591                                   | 2,092                     | 1,637          | 1,864        | 2,637  | 1,453  | 2,172           | 3,579                  | 1,840  |                     |
| <b>Households With Single Children Under 18 Years Old</b>              |                                 |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |        |        |                 |                        |        |                     |
| Total households with children. . . . .                                | 37,573                          | 23,783 | 13,790 | 1,057                                            | 2,377                                      | 5,717                     | 6,903         | 1,005                                   | 7,198                     | 6,448          | 8,104        | 14,260 | 8,760  | 10,587          | 20,089                 | 6,897  |                     |
| Married couples . . . . .                                              | 24,675                          | 18,479 | 6,195  | 779                                              | 1,417                                      | 2,139                     | 4,272         | 432                                     | 2,729                     | 4,321          | 5,335        | 9,092  | 5,927  | 6,133           | 14,054                 | 4,487  |                     |
| One child under 6 years old only . . . . .                             | 3,476                           | 2,291  | 1,185  | 183                                              | 180                                        | 266                       | 503           | 46                                      | 228                       | 543            | 709          | 1,357  | 867    | 985             | 1,911                  | 580    |                     |
| One under 6 years old, one or more 6 to 17 years old. . . . .          | 4,175                           | 2,919  | 1,257  | 126                                              | 273                                        | 404                       | 1,027         | 38                                      | 634                       | 748            | 870          | 1,500  | 1,057  | 1,194           | 2,291                  | 690    |                     |
| Two or more under 6 years old only . . . . .                           | 2,400                           | 1,634  | 766    | 111                                              | 116                                        | 137                       | 374           | 27                                      | 305                       | 485            | 574          | 811    | 530    | 581             | 1,357                  | 463    |                     |
| Two or more under 6 years old, one or more 6 to 17 years old . . . . . | 1,351                           | 878    | 472    | 49                                               | 128                                        | 132                       | 326           | 18                                      | 395                       | 192            | 298          | 476    | 385    | 349             | 670                    | 331    |                     |
| One or more 6 to 17 years old only . . . . .                           | 13,273                          | 10,757 | 2,516  | 311                                              | 719                                        | 1,199                     | 2,042         | 302                                     | 1,166                     | 2,353          | 2,884        | 4,948  | 3,088  | 3,024           | 7,826                  | 2,423  |                     |
| Other households with two or more adults. . . . .                      | 6,374                           | 3,027  | 3,347  | 111                                              | 517                                        | 1,532                     | 1,546         | 466                                     | 1,831                     | 1,102          | 1,309        | 2,428  | 1,534  | 2,134           | 3,083                  | 1,157  |                     |
| One child under 6 years old only . . . . .                             | 1,259                           | 493    | 766    | 19                                               | 108                                        | 282                       | 274           | 81                                      | 285                       | 247            | 260          | 437    | 315    | 439             | 555                    | 265    |                     |
| One under 6 years old, one or more 6 to 17 years old. . . . .          | 1,008                           | 455    | 553    | 18                                               | 109                                        | 253                       | 299           | 63                                      | 360                       | 149            | 205          | 393    | 262    | 360             | 472                    | 176    |                     |
| Two or more under 6 years old only . . . . .                           | 444                             | 144    | 300    | 5                                                | 26                                         | 105                       | 137           | 23                                      | 180                       | 73             | 89           | 163    | 119    | 156             | 199                    | 89     |                     |
| Two or more under 6 years old, one or more 6 to 17 years old . . . . . | 325                             | 107    | 218    | 3                                                | 25                                         | 72                        | 118           | 10                                      | 173                       | 33             | 69           | 131    | 92     | 112             | 151                    | 63     |                     |
| One or more 6 to 17 years old only . . . . .                           | 3,337                           | 1,828  | 1,509  | 66                                               | 250                                        | 821                       | 719           | 289                                     | 834                       | 600            | 685          | 1,305  | 747    | 1,067           | 1,706                  | 564    |                     |
| Households with one adult or none . . . . .                            | 6,525                           | 2,277  | 4,248  | 167                                              | 443                                        | 2,045                     | 1,085         | 107                                     | 2,638                     | 1,025          | 1,461        | 2,740  | 1,299  | 2,321           | 2,951                  | 1,253  |                     |
| One child under 6 years old only . . . . .                             | 893                             | 237    | 657    | 41                                               | 59                                         | 298                       | 133           | 3                                       | 373                       | 111            | 213          | 417    | 152    | 331             | 386                    | 177    |                     |
| One under 6 years old, one or more 6 to 17 years old. . . . .          | 984                             | 264    | 719    | 29                                               | 92                                         | 367                       | 207           | 3                                       | 521                       | 147            | 216          | 444    | 177    | 388             | 432                    | 163    |                     |
| Two or more under 6 years old only . . . . .                           | 349                             | 56     | 293    | 15                                               | 26                                         | 138                       | 60            | 1                                       | 229                       | 61             | 67           | 164    | 56     | 117             | 150                    | 82     |                     |
| Two or more under 6 years old, one or more 6 to 17 years old . . . . . | 297                             | 43     | 254    | 7                                                | 18                                         | 108                       | 68            | 2                                       | 195                       | 61             | 56           | 126    | 54     | 110             | 136                    | 52     |                     |
| One or more 6 to 17 years old only . . . . .                           | 4,001                           | 1,677  | 2,324  | 75                                               | 247                                        | 1,134                     | 617           | 97                                      | 1,320                     | 645            | 908          | 1,589  | 859    | 1,375           | 1,847                  | 779    |                     |
| Total households with no children . . . . .                            | 77,334                          | 52,309 | 25,026 | 1,514                                            | 4,813                                      | 8,978                     | 6,938         | 24,053                                  | 10,931                    | 14,618         | 17,578       | 28,323 | 16,815 | 23,305          | 38,129                 | 15,900 |                     |
| Married couples . . . . .                                              | 31,761                          | 27,411 | 4,350  | 709                                              | 1,863                                      | 2,065                     | 2,486         | 10,638                                  | 1,640                     | 5,821          | 7,361        | 11,750 | 6,830  | 7,216           | 17,254                 | 7,291  |                     |
| Other households with two or more adults. . . . .                      | 14,255                          | 7,337  | 6,918  | 243                                              | 950                                        | 2,237                     | 1,962         | 2,637                                   | 2,007                     | 2,712          | 2,897        | 5,157  | 3,489  | 5,283           | 6,600                  | 2,372  |                     |
| Households with one adult. . . . .                                     | 31,318                          | 17,560 | 13,758 | 563                                              | 2,000                                      | 4,676                     | 2,490         | 10,778                                  | 7,284                     | 6,085          | 7,320        | 11,417 | 6,496  | 10,805          | 14,275                 | 6,238  |                     |
| <b>Number of Single Children Under 18 Years Old</b>                    |                                 |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |        |        |                 |                        |        |                     |
| None . . . . .                                                         | 77,334                          | 52,309 | 25,026 | 1,514                                            | 4,813                                      | 8,978                     | 6,938         | 24,053                                  | 10,931                    | 14,618         | 17,578       | 28,323 | 16,815 | 23,305          | 38,129                 | 15,900 |                     |
| 1. . . . .                                                             | 15,636                          | 9,851  | 5,785  | 450                                              | 964                                        | 2,567                     | 2,388         | 549                                     | 2,320                     | 2,670          | 3,205        | 6,218  | 3,544  | 4,453           | 8,249                  | 2,934  |                     |
| 2. . . . .                                                             | 13,899                          | 9,201  | 4,698  | 391                                              | 793                                        | 1,834                     | 2,524         | 312                                     | 2,294                     | 2,489          | 3,139        | 5,132  | 3,139  | 3,790           | 7,644                  | 2,465  |                     |
| 3. . . . .                                                             | 5,556                           | 3,348  | 2,208  | 168                                              | 385                                        | 861                       | 1,359         | 119                                     | 1,544                     | 932            | 1,184        | 2,013  | 1,427  | 1,574           | 3,012                  | 970    |                     |
| 4. . . . .                                                             | 1,664                           | 896    | 768    | 34                                               | 122                                        | 267                       | 458           | 13                                      | 622                       | 252            | 378          | 569    | 465    | 549             | 789                    | 325    |                     |
| 5. . . . .                                                             | 595                             | 350    | 245    | 10                                               | 93                                         | 139                       | 128           | 11                                      | 304                       | 67             | 144          | 239    | 144    | 164             | 286                    | 145    |                     |
| 6 or more . . . . .                                                    | 223                             | 136    | 86     | 3                                                | 20                                         | 49                        | 45            | 1                                       | 113                       | 36             | 54           | 90     | 42     | 56              | 108                    | 58     |                     |

See footnotes at end of table.

Table C-08-AO.

**Household Demographics—All Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                   | Total<br>occupied<br>units | Tenure |        | Housing unit<br>characteristics                  |                                            | Household characteristics |               |                                         |                           | Regions        |              |        |        | Inside MSA      |                        | Out-<br>side<br>MSA |
|-------------------------------------------------------------------|----------------------------|--------|--------|--------------------------------------------------|--------------------------------------------|---------------------------|---------------|-----------------------------------------|---------------------------|----------------|--------------|--------|--------|-----------------|------------------------|---------------------|
|                                                                   |                            | Owner  | Renter | New<br>con-<br>struc-<br>tion<br>past 4<br>years | Manu-<br>fac-<br>tured/<br>mobile<br>homes | Black<br>alone            | His-<br>panic | Elderly<br>(65<br>years<br>and<br>over) | Below<br>poverty<br>level | North-<br>east | Mid-<br>west | South  | West   | Central<br>city | Not<br>central<br>city |                     |
|                                                                   |                            |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |        |        |                 |                        |                     |
| Own Never-Married Children Under 18 Years Old                     |                            |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |        |        |                 |                        |                     |
| No own children under 18 years old . . .                          | 81,242                     | 54,891 | 26,351 | 1,555                                            | 5,223                                      | 9,872                     | 7,762         | 24,861                                  | 11,837                    | 15,222         | 18,344       | 29,987 | 17,689 | 24,505          | 39,991                 | 16,745              |
| With own children under 18 years old . .                          | 33,665                     | 21,201 | 12,464 | 1,016                                            | 1,967                                      | 4,822                     | 6,080         | 198                                     | 6,292                     | 5,844          | 7,339        | 12,596 | 7,886  | 9,387           | 18,227                 | 6,052               |
| Under 6 years old only . . . . .                                  | 7,696                      | 4,098  | 3,597  | 365                                              | 380                                        | 992                       | 1,206         | 18                                      | 1,404                     | 1,345          | 1,671        | 2,866  | 1,813  | 2,317           | 3,989                  | 1,390               |
| 1 . . . . .                                                       | 4,848                      | 2,484  | 2,364  | 234                                              | 278                                        | 678                       | 746           | 15                                      | 776                       | 774            | 994          | 1,915  | 1,164  | 1,548           | 2,444                  | 856                 |
| 2 . . . . .                                                       | 2,460                      | 1,422  | 1,038  | 118                                              | 74                                         | 257                       | 393           | 2                                       | 492                       | 489            | 575          | 842    | 554    | 651             | 1,332                  | 478                 |
| 3 or more . . . . .                                               | 388                        | 193    | 195    | 13                                               | 29                                         | 57                        | 68            | Z                                       | 137                       | 83             | 102          | 109    | 95     | 118             | 213                    | 57                  |
| 6 to 17 years old only . . . . .                                  | 19,044                     | 13,152 | 5,892  | 435                                              | 1,101                                      | 2,774                     | 3,186         | 167                                     | 3,037                     | 3,359          | 4,184        | 7,133  | 4,368  | 4,942           | 10,687                 | 3,415               |
| 1 . . . . .                                                       | 9,196                      | 6,276  | 2,920  | 200                                              | 565                                        | 1,533                     | 1,399         | 109                                     | 1,299                     | 1,654          | 1,877        | 3,618  | 2,048  | 2,426           | 5,058                  | 1,713               |
| 2 . . . . .                                                       | 7,008                      | 5,034  | 1,975  | 159                                              | 342                                        | 783                       | 1,194         | 35                                      | 992                       | 1,248          | 1,626        | 2,515  | 1,619  | 1,766           | 4,053                  | 1,190               |
| 3 or more . . . . .                                               | 2,840                      | 1,842  | 997    | 76                                               | 193                                        | 458                       | 593           | 23                                      | 746                       | 457            | 682          | 999    | 701    | 750             | 1,576                  | 513                 |
| Both age groups . . . . .                                         | 6,926                      | 3,950  | 2,975  | 217                                              | 486                                        | 1,056                     | 1,687         | 13                                      | 1,851                     | 1,139          | 1,483        | 2,597  | 1,705  | 2,128           | 3,551                  | 1,247               |
| 2 . . . . .                                                       | 3,099                      | 1,854  | 1,244  | 98                                               | 190                                        | 483                       | 641           | 2                                       | 534                       | 559            | 670          | 1,182  | 688    | 956             | 1,671                  | 471                 |
| 3 or more . . . . .                                               | 3,827                      | 2,096  | 1,731  | 119                                              | 295                                        | 573                       | 1,046         | 11                                      | 1,317                     | 580            | 813          | 1,416  | 1,018  | 1,172           | 1,879                  | 775                 |
| Persons 65 Years Old and Over                                     |                            |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |        |        |                 |                        |                     |
| None . . . . .                                                    | 86,391                     | 53,053 | 33,337 | 2,246                                            | 5,152                                      | 11,828                    | 11,699        | X                                       | 13,628                    | 15,394         | 19,302       | 32,194 | 19,501 | 26,609          | 43,715                 | 16,067              |
| 1 person . . . . .                                                | 19,008                     | 14,329 | 4,679  | 223                                              | 1,420                                      | 2,312                     | 1,567         | 15,829                                  | 3,785                     | 3,946          | 4,179        | 6,881  | 4,002  | 5,271           | 9,449                  | 4,288               |
| 2 persons or more . . . . .                                       | 9,508                      | 8,709  | 799    | 102                                              | 618                                        | 554                       | 575           | 9,229                                   | 716                       | 1,726          | 2,201        | 3,509  | 2,072  | 2,012           | 5,054                  | 2,442               |
| Persons Other Than Spouse or Children <sup>3</sup>                |                            |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |        |        |                 |                        |                     |
| With other relatives . . . . .                                    | 24,940                     | 17,964 | 6,976  | 374                                              | 1,688                                      | 4,323                     | 4,615         | 4,185                                   | 3,689                     | 4,974          | 4,802        | 9,320  | 5,843  | 7,097           | 13,675                 | 4,168               |
| Single adult offspring 18 to 29 years<br>old . . . . .            | 13,841                     | 10,385 | 3,456  | 221                                              | 856                                        | 2,223                     | 2,412         | 450                                     | 1,855                     | 2,981          | 2,832        | 4,900  | 3,128  | 3,621           | 7,963                  | 2,257               |
| Single adult offspring 30 years old or<br>over . . . . .          | 4,545                      | 3,699  | 846    | 44                                               | 360                                        | 903                       | 696           | 2,635                                   | 716                       | 854            | 831          | 1,843  | 1,017  | 1,339           | 2,362                  | 844                 |
| Households with three generations . . .                           | 3,731                      | 2,595  | 1,136  | 45                                               | 347                                        | 864                       | 894           | 706                                     | 892                       | 703            | 626          | 1,443  | 960    | 1,166           | 1,899                  | 667                 |
| Households with 1 subfamily . . . . .                             | 2,972                      | 2,040  | 932    | 37                                               | 288                                        | 601                       | 824           | 620                                     | 687                       | 546            | 494          | 1,123  | 809    | 899             | 1,513                  | 560                 |
| Subfamily householder under 30<br>years old . . . . .             | 1,400                      | 861    | 539    | 20                                               | 163                                        | 325                       | 426           | 85                                      | 386                       | 255            | 243          | 580    | 321    | 423             | 675                    | 301                 |
| 30 to 64 years old . . . . .                                      | 1,487                      | 1,102  | 385    | 15                                               | 123                                        | 268                       | 377           | 530                                     | 300                       | 281            | 232          | 517    | 457    | 456             | 781                    | 250                 |
| 65 years old and over . . . . .                                   | 85                         | 77     | 8      | 2                                                | 3                                          | 8                         | 21            | 5                                       | 1                         | 10             | 19           | 26     | 30     | 20              | 56                     | 9                   |
| Households with 2 or more subfamilies .                           | 126                        | 93     | 33     | Z                                                | 20                                         | 16                        | 58            | 12                                      | 42                        | 22             | 15           | 42     | 47     | 44              | 69                     | 12                  |
| Households with other types of<br>relatives . . . . .             | 7,730                      | 4,775  | 2,956  | 114                                              | 555                                        | 1,600                     | 1,766         | 1,364                                   | 1,399                     | 1,412          | 1,281        | 3,020  | 2,018  | 2,539           | 3,955                  | 1,236               |
| With nonrelatives . . . . .                                       | 11,548                     | 4,895  | 6,653  | 224                                              | 878                                        | 1,293                     | 1,855         | 729                                     | 1,825                     | 1,975          | 2,520        | 4,020  | 3,033  | 4,290           | 5,063                  | 2,195               |
| Co-owners or co-renters . . . . .                                 | 3,999                      | 938    | 3,062  | 81                                               | 199                                        | 410                       | 530           | 165                                     | 649                       | 763            | 907          | 1,220  | 1,109  | 1,728           | 1,623                  | 648                 |
| Lodgers . . . . .                                                 | 1,383                      | 611    | 772    | 10                                               | 67                                         | 128                       | 308           | 83                                      | 173                       | 215            | 244          | 430    | 493    | 628             | 596                    | 159                 |
| Unrelated children, under 18 years old .                          | 872                        | 446    | 426    | 14                                               | 79                                         | 124                       | 164           | 44                                      | 176                       | 100            | 256          | 320    | 195    | 271             | 384                    | 217                 |
| Other nonrelatives . . . . .                                      | 6,350                      | 3,389  | 2,960  | 138                                              | 635                                        | 758                       | 1,079         | 475                                     | 1,006                     | 1,022          | 1,379        | 2,411  | 1,538  | 2,025           | 2,919                  | 1,406               |
| One or more secondary families . . . . .                          | 541                        | 267    | 274    | 15                                               | 42                                         | 71                        | 105           | 14                                      | 80                        | 73             | 169          | 179    | 120    | 171             | 247                    | 124                 |
| 2-person households, none related to<br>each other . . . . .      | 5,848                      | 2,486  | 3,361  | 121                                              | 408                                        | 537                       | 606           | 479                                     | 692                       | 1,074          | 1,320        | 1,964  | 1,490  | 2,332           | 2,472                  | 1,043               |
| 3-to-8-person households, none<br>related to each other . . . . . | 1,082                      | 208    | 875    | 27                                               | 41                                         | 90                        | 172           | 29                                      | 230                       | 168            | 220          | 367    | 328    | 548             | 371                    | 164                 |

<sup>1</sup> Native Hawaiian and Other Pacific Islander.<sup>2</sup> Because Hispanics may be any race, data can overlap slightly with other groups. Most Hispanics report themselves as White, but some report themselves as Black or in other categories.<sup>3</sup> Figures may not add to total because more than one category may apply to a unit.

Table C-09-AO.

**Income Characteristics—All Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                                              | Total occupied units | Tenure        |               | Housing unit characteristics  |                           | Household characteristics |               |                             |                     | Regions       |               |               |               | Inside MSA    |                  | Outside MSA   |
|----------------------------------------------------------------------------------------------|----------------------|---------------|---------------|-------------------------------|---------------------------|---------------------------|---------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                                                              |                      | Owner         | Renter        | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic      | Elderly (65 years and over) | Below poverty level | North-east    | Mid-west      | South         | West          | Central city  | Not central city |               |
| <b>Total</b> . . . . .                                                                       | <b>114,907</b>       | <b>76,091</b> | <b>38,816</b> | <b>2,571</b>                  | <b>7,190</b>              | <b>14,694</b>             | <b>13,841</b> | <b>25,058</b>               | <b>18,129</b>       | <b>21,066</b> | <b>25,682</b> | <b>42,584</b> | <b>25,575</b> | <b>33,892</b> | <b>58,218</b>    | <b>22,797</b> |
| <b>Household Income</b>                                                                      |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Less than \$5,000 . . . . .                                                                  | 6,299                | 2,609         | 3,689         | 90                            | 492                       | 1,607                     | 931           | 1,478                       | 6,299               | 1,053         | 1,321         | 2,601         | 1,324         | 2,498         | 2,577            | 1,224         |
| \$5,000 to \$9,999 . . . . .                                                                 | 5,244                | 1,969         | 3,275         | 88                            | 552                       | 1,288                     | 754           | 1,780                       | 5,244               | 974           | 1,145         | 2,197         | 928           | 1,937         | 1,964            | 1,343         |
| \$10,000 to \$14,999 . . . . .                                                               | 6,390                | 2,859         | 3,531         | 74                            | 651                       | 1,221                     | 974           | 2,567                       | 3,536               | 1,084         | 1,456         | 2,513         | 1,337         | 2,266         | 2,568            | 1,556         |
| \$15,000 to \$19,999 . . . . .                                                               | 6,317                | 3,062         | 3,255         | 78                            | 676                       | 1,071                     | 1,050         | 2,310                       | 1,382               | 995           | 1,438         | 2,524         | 1,359         | 2,018         | 2,695            | 1,604         |
| \$20,000 to \$24,999 . . . . .                                                               | 6,248                | 3,216         | 3,033         | 64                            | 594                       | 954                       | 1,063         | 2,056                       | 880                 | 1,005         | 1,466         | 2,382         | 1,394         | 2,012         | 2,776            | 1,460         |
| \$25,000 to \$29,999 . . . . .                                                               | 8,092                | 4,817         | 3,275         | 114                           | 762                       | 1,145                     | 1,236         | 2,559                       | 583                 | 1,392         | 1,775         | 3,195         | 1,731         | 2,485         | 3,768            | 1,839         |
| \$30,000 to \$34,999 . . . . .                                                               | 6,311                | 3,687         | 2,624         | 125                           | 608                       | 887                       | 888           | 1,615                       | 162                 | 997           | 1,520         | 2,463         | 1,331         | 1,904         | 2,877            | 1,530         |
| \$35,000 to \$39,999 . . . . .                                                               | 5,594                | 3,508         | 2,086         | 112                           | 457                       | 750                       | 772           | 1,505                       | 31                  | 944           | 1,257         | 2,271         | 1,122         | 1,595         | 2,753            | 1,246         |
| \$40,000 to \$49,999 . . . . .                                                               | 10,107               | 6,652         | 3,456         | 203                           | 738                       | 1,220                     | 1,412         | 2,203                       | 13                  | 1,584         | 2,382         | 3,916         | 2,226         | 2,993         | 4,943            | 2,171         |
| \$50,000 to \$59,999 . . . . .                                                               | 8,647                | 6,064         | 2,582         | 196                           | 507                       | 918                       | 1,008         | 1,698                       | Z                   | 1,449         | 2,116         | 3,164         | 1,917         | 2,364         | 4,482            | 1,801         |
| \$60,000 to \$79,999 . . . . .                                                               | 14,058               | 10,532        | 3,525         | 348                           | 637                       | 1,483                     | 1,506         | 2,066                       | Z                   | 2,612         | 3,218         | 4,920         | 3,306         | 3,782         | 7,557            | 2,718         |
| \$80,000 to \$99,999 . . . . .                                                               | 9,830                | 7,922         | 1,908         | 306                           | 262                       | 845                       | 855           | 1,161                       | Z                   | 2,026         | 2,323         | 3,320         | 2,160         | 2,482         | 5,597            | 1,750         |
| \$100,000 to \$119,999 . . . . .                                                             | 6,842                | 5,845         | 997           | 196                           | 119                       | 459                       | 486           | 690                         | Z                   | 1,490         | 1,493         | 2,199         | 1,659         | 1,676         | 4,160            | 1,005         |
| \$120,000 or more . . . . .                                                                  | 14,929               | 13,349        | 1,580         | 577                           | 135                       | 848                       | 906           | 1,371                       | Z                   | 3,458         | 2,772         | 4,918         | 3,782         | 3,880         | 9,501            | 1,549         |
| <b>Median (dollars)</b> . . . . .                                                            | <b>46,000</b>        | <b>58,919</b> | <b>28,000</b> | <b>68,082</b>                 | <b>27,984</b>             | <b>30,000</b>             | <b>35,000</b> | <b>29,100</b>               | <b>8,088</b>        | <b>52,000</b> | <b>45,000</b> | <b>42,000</b> | <b>50,000</b> | <b>40,000</b> | <b>53,700</b>    | <b>38,000</b> |
| <b>As percent of poverty level<sup>1</sup>:</b>                                              |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Less than 50 percent . . . . .                                                               | 8,475                | 3,284         | 5,190         | 120                           | 752                       | 2,174                     | 1,476         | 1,683                       | 8,475               | 1,398         | 1,757         | 3,463         | 1,856         | 3,319         | 3,450            | 1,705         |
| 50 to 99 percent . . . . .                                                                   | 9,654                | 3,719         | 5,935         | 136                           | 1,064                     | 2,012                     | 2,070         | 2,483                       | 9,654               | 1,583         | 2,006         | 4,044         | 2,021         | 3,563         | 3,832            | 2,258         |
| 100 to 149 percent . . . . .                                                                 | 11,336               | 5,785         | 5,551         | 158                           | 1,203                     | 1,923                     | 2,142         | 3,410                       | X                   | 1,840         | 2,416         | 4,618         | 2,463         | 3,607         | 4,882            | 2,847         |
| 150 to 199 percent . . . . .                                                                 | 11,401               | 6,708         | 4,694         | 158                           | 1,098                     | 1,703                     | 1,772         | 3,488                       | X                   | 1,795         | 2,652         | 4,420         | 2,534         | 3,378         | 5,264            | 2,760         |
| 200 percent or more . . . . .                                                                | 74,041               | 56,596        | 17,445        | 1,999                         | 3,072                     | 6,882                     | 6,382         | 13,994                      | X                   | 14,449        | 16,852        | 26,037        | 16,702        | 20,025        | 40,789           | 13,227        |
| <b>Income of Families and Primary Individuals</b>                                            |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Less than \$5,000 . . . . .                                                                  | 7,287                | 2,840         | 4,446         | 103                           | 565                       | 1,717                     | 1,136         | 1,518                       | 6,684               | 1,205         | 1,569         | 2,937         | 1,576         | 2,918         | 2,960            | 1,408         |
| \$5,000 to \$9,999 . . . . .                                                                 | 5,723                | 2,096         | 3,628         | 96                            | 634                       | 1,351                     | 816           | 1,831                       | 5,286               | 1,037         | 1,232         | 2,351         | 1,104         | 2,128         | 2,136            | 1,460         |
| \$10,000 to \$14,999 . . . . .                                                               | 6,725                | 2,953         | 3,771         | 81                            | 662                       | 1,227                     | 1,023         | 2,584                       | 3,313               | 1,126         | 1,531         | 2,611         | 1,457         | 2,416         | 2,723            | 1,586         |
| \$15,000 to \$19,999 . . . . .                                                               | 6,672                | 3,200         | 3,473         | 82                            | 700                       | 1,123                     | 1,152         | 2,341                       | 1,269               | 1,061         | 1,504         | 2,664         | 1,442         | 2,134         | 2,875            | 1,664         |
| \$20,000 to \$24,999 . . . . .                                                               | 6,619                | 3,440         | 3,178         | 87                            | 644                       | 976                       | 1,121         | 2,091                       | 827                 | 1,034         | 1,579         | 2,552         | 1,454         | 2,144         | 2,935            | 1,540         |
| \$25,000 to \$29,999 . . . . .                                                               | 8,409                | 4,967         | 3,441         | 121                           | 783                       | 1,185                     | 1,289         | 2,555                       | 557                 | 1,495         | 1,827         | 3,321         | 1,765         | 2,577         | 3,916            | 1,915         |
| \$30,000 to \$34,999 . . . . .                                                               | 6,464                | 3,799         | 2,664         | 123                           | 580                       | 891                       | 922           | 1,601                       | 154                 | 1,038         | 1,545         | 2,489         | 1,391         | 1,964         | 2,991            | 1,508         |
| \$35,000 to \$39,999 . . . . .                                                               | 5,590                | 3,573         | 2,017         | 111                           | 435                       | 749                       | 731           | 1,503                       | 26                  | 978           | 1,264         | 2,250         | 1,098         | 1,569         | 2,748            | 1,273         |
| \$40,000 to \$49,999 . . . . .                                                               | 9,928                | 6,733         | 3,195         | 205                           | 682                       | 1,179                     | 1,331         | 2,160                       | 13                  | 1,582         | 2,341         | 3,799         | 2,206         | 2,906         | 4,944            | 2,079         |
| \$50,000 to \$59,999 . . . . .                                                               | 8,426                | 6,048         | 2,378         | 192                           | 434                       | 909                       | 925           | 1,680                       | Z                   | 1,506         | 2,030         | 3,044         | 1,846         | 2,320         | 4,394            | 1,711         |
| \$60,000 to \$79,999 . . . . .                                                               | 13,346               | 10,285        | 3,062         | 342                           | 593                       | 1,422                     | 1,368         | 2,055                       | Z                   | 2,474         | 3,039         | 4,675         | 3,159         | 3,516         | 7,258            | 2,572         |
| \$80,000 to \$99,999 . . . . .                                                               | 9,274                | 7,708         | 1,566         | 299                           | 239                       | 773                       | 770           | 1,130                       | Z                   | 1,906         | 2,157         | 3,141         | 2,070         | 2,266         | 5,350            | 1,658         |
| \$100,000 to \$119,999 . . . . .                                                             | 6,468                | 5,662         | 806           | 180                           | 111                       | 413                       | 447           | 675                         | Z                   | 1,393         | 1,420         | 2,090         | 1,565         | 1,535         | 3,981            | 952           |
| \$120,000 or more . . . . .                                                                  | 13,977               | 12,787        | 1,189         | 549                           | 126                       | 780                       | 810           | 1,333                       | Z                   | 3,231         | 2,645         | 4,659         | 3,442         | 3,499         | 9,006            | 1,472         |
| <b>Median (dollars)</b> . . . . .                                                            | <b>43,000</b>        | <b>56,000</b> | <b>25,000</b> | <b>65,000</b>                 | <b>26,000</b>             | <b>27,900</b>             | <b>31,137</b> | <b>28,776</b>               | <b>8,000</b>        | <b>49,541</b> | <b>42,052</b> | <b>40,000</b> | <b>46,000</b> | <b>36,000</b> | <b>50,000</b>    | <b>35,800</b> |
| <b>Income Sources of Families and Primary Individuals<sup>2</sup></b>                        |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Wages and salaries . . . . .                                                                 | 81,430               | 54,127        | 27,303        | 2,123                         | 4,468                     | 9,998                     | 10,665        | 6,797                       | 6,621               | 14,696        | 18,309        | 30,296        | 18,128        | 23,981        | 42,451           | 14,998        |
| Wages and salaries were majority of income . . . . .                                         | 72,349               | 47,153        | 25,196        | 1,942                         | 3,873                     | 9,103                     | 9,811         | 3,554                       | 5,689               | 13,070        | 16,105        | 27,137        | 16,037        | 21,775        | 37,700           | 12,874        |
| 2 or more people each earned over 20 percent of wages and salaries . . . . .                 | 23,001               | 18,090        | 4,911         | 710                           | 998                       | 2,298                     | 3,232         | 741                         | 555                 | 4,369         | 5,283         | 8,503         | 4,847         | 5,849         | 12,959           | 4,193         |
| Self-employment . . . . .                                                                    | 13,263               | 10,076        | 3,186         | 318                           | 665                       | 1,049                     | 1,362         | 1,680                       | 1,115               | 2,355         | 2,890         | 4,464         | 3,553         | 3,483         | 7,169            | 2,611         |
| Interest . . . . .                                                                           | 21,533               | 18,588        | 2,945         | 544                           | 622                       | 878                       | 928           | 7,669                       | 1,048               | 4,505         | 5,225         | 6,990         | 4,813         | 5,366         | 12,181           | 3,985         |
| Dividends . . . . .                                                                          | 9,614                | 8,647         | 966           | 221                           | 153                       | 300                       | 279           | 3,566                       | 339                 | 2,166         | 2,417         | 2,876         | 2,154         | 2,424         | 5,675            | 1,515         |
| Rental income . . . . .                                                                      | 6,220                | 5,572         | 648           | 190                           | 137                       | 364                       | 543           | 1,750                       | 243                 | 1,172         | 1,375         | 1,822         | 1,850         | 1,716         | 3,189            | 1,315         |
| Social Security or Railroad Retirement . . . . .                                             | 30,337               | 24,188        | 6,149         | 396                           | 2,445                     | 3,193                     | 2,206         | 22,502                      | 4,714               | 5,792         | 7,039         | 11,332        | 6,174         | 7,421         | 15,249           | 7,667         |
| Retirement or survivor pensions . . . . .                                                    | 17,203               | 14,872        | 2,331         | 303                           | 1,010                     | 1,579                     | 875           | 11,567                      | 971                 | 3,363         | 4,194         | 5,908         | 3,737         | 3,938         | 9,394            | 3,871         |
| Supplementary Security Income (SSI) . . . . .                                                | 5,241                | 2,445         | 2,797         | 47                            | 550                       | 1,304                     | 783           | 1,580                       | 2,467               | 1,102         | 1,019         | 1,975         | 1,145         | 1,947         | 2,102            | 1,192         |
| Child support or alimony . . . . .                                                           | 4,759                | 2,531         | 2,227         | 85                            | 387                       | 878                       | 627           | 239                         | 1,261               | 737           | 1,160         | 1,987         | 874           | 1,292         | 2,345            | 1,121         |
| Public assistance or public welfare . . . . .                                                | 2,393                | 618           | 1,775         | 14                            | 195                       | 639                       | 614           | 275                         | 1,471               | 576           | 479           | 667           | 671           | 1,000         | 988              | 405           |
| Food stamp benefits . . . . .                                                                | 8,790                | 2,054         | 6,736         | 83                            | 979                       | 2,621                     | 1,973         | 1,278                       | 6,557               | 1,547         | 2,049         | 3,535         | 1,658         | 3,634         | 3,138            | 2,017         |
| Disability payments, workers' compensation, veterans' disability, other disability . . . . . | 6,069                | 3,984         | 2,085         | 123                           | 594                       | 944                       | 595           | 1,233                       | 1,135               | 1,176         | 1,236         | 2,303         | 1,353         | 1,691         | 2,920            | 1,458         |
| Other income (VA payments, unemployment, royalty, estates, and more) . . . . .               | 8,151                | 5,155         | 2,996         | 142                           | 575                       | 1,094                     | 1,003         | 1,013                       | 1,345               | 1,522         | 1,923         | 2,331         | 2,376         | 2,292         | 4,290            | 1,569         |
| <b>Food Stamps</b>                                                                           |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Families and primary individuals with incomes of \$25,000 or less . . . . .                  | 34,920               | 15,443        | 19,477        | 475                           | 3,429                     | 6,709                     | 5,639         | 10,656                      | 17,566              | 5,791         | 7,787         | 13,907        | 7,434         | 12,378        | 14,469           | 8,073         |
| Received food stamps . . . . .                                                               | 8,790                | 2,054         | 6,736         | 83                            | 979                       | 2,621                     | 1,973         | 1,278                       | 6,557               | 1,547         | 2,049         | 3,535         | 1,658         | 3,634         | 3,138            | 2,017         |
| Did not receive food stamps . . . . .                                                        | 23,698               | 12,001        | 11,697        | 349                           | 2,278                     | 3,594                     | 3,389         | 8,558                       | 9,641               | 3,847         | 5,225         | 9,401         | 5,225         | 7,968         | 10,221           | 5,509         |
| Not reported . . . . .                                                                       | 2,433                | 1,388         | 1,044         | 42                            | 172                       | 494                       | 276           | 820                         | 1,368               | 398           | 513           | 971           | 551           | 777           | 1,110            | 547           |

<sup>1</sup> See "poverty status" in Appendix A, Table A-1, for poverty thresholds. Households in poverty are those below 100 percent of their poverty threshold. Households with income 149 percent of their poverty threshold include those in poverty (below 100 percent of their poverty threshold), plus those who have income 49 percent above their poverty threshold. Likewise, households with a poverty threshold of 50 percent include those households with income 50 percent below their poverty threshold.

<sup>2</sup> Figures may not add to total because more than one category may apply to a unit.

Table C-10-AO.

**Housing Costs—All Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                       | Total occupied units | Tenure        |               | Housing unit characteristics  |                           | Household characteristics |               |                             |                     | Regions       |               |               |               | Inside MSA    |                  | Out-side MSA  |
|-----------------------------------------------------------------------|----------------------|---------------|---------------|-------------------------------|---------------------------|---------------------------|---------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                                       |                      | Owner         | Renter        | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic      | Elderly (65 years and over) | Below poverty level | North-east    | Mid-west      | South         | West          | Central city  | Not central city |               |
| <b>Total</b> .....                                                    | <b>114,907</b>       | <b>76,091</b> | <b>38,816</b> | <b>2,571</b>                  | <b>7,190</b>              | <b>14,694</b>             | <b>13,841</b> | <b>25,058</b>               | <b>18,129</b>       | <b>21,066</b> | <b>25,682</b> | <b>42,584</b> | <b>25,575</b> | <b>33,892</b> | <b>58,218</b>    | <b>22,797</b> |
| <b>Monthly Housing Costs</b>                                          |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Less than \$100 .....                                                 | 473                  | 192           | 281           | 8                             | 55                        | 151                       | 54            | 89                          | 262                 | 66            | 121           | 163           | 122           | 192           | 120              | 160           |
| \$100 to \$199 .....                                                  | 2,425                | 1,687         | 738           | 50                            | 546                       | 449                       | 247           | 1,068                       | 1,079               | 242           | 537           | 1,248         | 399           | 629           | 777              | 1,019         |
| \$200 to \$249 .....                                                  | 2,667                | 1,906         | 761           | 27                            | 470                       | 426                       | 292           | 1,296                       | 1,034               | 342           | 570           | 1,323         | 431           | 704           | 941              | 1,021         |
| \$250 to \$299 .....                                                  | 3,190                | 2,557         | 633           | 37                            | 472                       | 440                       | 339           | 1,537                       | 853                 | 330           | 756           | 1,447         | 657           | 757           | 1,236            | 1,197         |
| \$300 to \$349 .....                                                  | 3,622                | 2,942         | 681           | 29                            | 456                       | 471                       | 359           | 1,689                       | 834                 | 422           | 949           | 1,688         | 563           | 856           | 1,526            | 1,241         |
| \$350 to \$399 .....                                                  | 3,630                | 2,946         | 685           | 37                            | 392                       | 372                       | 353           | 1,654                       | 764                 | 449           | 974           | 1,556         | 653           | 912           | 1,549            | 1,169         |
| \$400 to \$449 .....                                                  | 3,629                | 2,765         | 864           | 50                            | 338                       | 399                       | 316           | 1,601                       | 703                 | 518           | 1,065         | 1,404         | 642           | 1,001         | 1,517            | 1,111         |
| \$450 to \$499 .....                                                  | 3,554                | 2,415         | 1,139         | 33                            | 338                       | 444                       | 322           | 1,340                       | 737                 | 513           | 1,001         | 1,445         | 595           | 1,003         | 1,650            | 900           |
| \$500 to \$599 .....                                                  | 7,708                | 4,694         | 3,014         | 88                            | 782                       | 1,066                     | 905           | 2,367                       | 1,708               | 1,200         | 2,194         | 2,974         | 1,340         | 2,369         | 3,260            | 2,079         |
| \$600 to \$699 .....                                                  | 7,959                | 4,196         | 3,764         | 95                            | 757                       | 1,235                     | 989           | 2,012                       | 1,699               | 1,297         | 2,200         | 3,112         | 1,351         | 2,546         | 3,463            | 1,950         |
| \$700 to \$799 .....                                                  | 8,100                | 4,041         | 4,059         | 122                           | 663                       | 1,245                     | 1,143         | 1,649                       | 1,527               | 1,309         | 2,092         | 3,202         | 1,498         | 2,586         | 3,705            | 1,809         |
| \$800 to \$999 .....                                                  | 13,988               | 7,359         | 6,629         | 253                           | 816                       | 2,147                     | 2,015         | 2,338                       | 2,158               | 2,419         | 3,349         | 5,432         | 2,788         | 4,596         | 6,821            | 2,571         |
| \$1,000 to \$1,249 .....                                              | 13,963               | 8,520         | 5,443         | 344                           | 428                       | 1,957                     | 1,913         | 1,889                       | 1,521               | 2,643         | 3,157         | 5,085         | 3,079         | 4,512         | 7,283            | 2,168         |
| \$1,250 to \$1,499 .....                                              | 10,530               | 7,186         | 3,344         | 326                           | 196                       | 1,218                     | 1,405         | 1,194                       | 878                 | 2,062         | 2,166         | 3,530         | 2,771         | 3,135         | 6,080            | 1,315         |
| \$1,500 to \$1,999 .....                                              | 12,315               | 9,441         | 2,873         | 402                           | 145                       | 1,185                     | 1,558         | 1,269                       | 780                 | 2,689         | 2,251         | 3,895         | 3,480         | 3,592         | 7,491            | 1,232         |
| \$2,000 to \$2,499 .....                                              | 6,481                | 5,556         | 925           | 242                           | 30                        | 563                       | 669           | 674                         | 291                 | 1,800         | 981           | 1,817         | 1,883         | 1,669         | 4,299            | 513           |
| \$2,500 or more .....                                                 | 8,403                | 7,690         | 713           | 401                           | 91                        | 517                       | 699           | 898                         | 354                 | 2,415         | 858           | 2,217         | 2,914         | 2,222         | 5,627            | 554           |
| No cash rent .....                                                    | 2,271                | X             | 2,271         | 28                            | 216                       | 408                       | 263           | 494                         | 946                 | 351           | 463           | 1,047         | 409           | 612           | 871              | 787           |
| <b>Median (excludes no cash rent) (dollars)</b> .....                 | <b>927</b>           | <b>1,008</b>  | <b>845</b>    | <b>1,340</b>                  | <b>545</b>                | <b>840</b>                | <b>939</b>    | <b>582</b>                  | <b>638</b>          | <b>1,105</b>  | <b>808</b>    | <b>839</b>    | <b>1,122</b>  | <b>924</b>    | <b>1,064</b>     | <b>657</b>    |
| <b>Monthly Housing Costs as Percent of Current Income<sup>1</sup></b> |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Less than 5 percent .....                                             | 2,532                | 2,349         | 183           | 95                            | 236                       | 187                       | 132           | 597                         | 20                  | 277           | 567           | 1,089         | 599           | 552           | 1,182            | 797           |
| 5 to 9 percent .....                                                  | 9,815                | 8,935         | 880           | 135                           | 871                       | 696                       | 631           | 2,823                       | 74                  | 1,560         | 2,431         | 4,166         | 1,658         | 2,172         | 4,911            | 2,732         |
| 10 to 14 percent .....                                                | 12,935               | 10,829        | 2,106         | 231                           | 885                       | 1,050                     | 927           | 3,325                       | 127                 | 2,191         | 3,418         | 4,986         | 2,340         | 3,157         | 6,710            | 3,068         |
| 15 to 19 percent .....                                                | 14,358               | 11,346        | 3,012         | 367                           | 780                       | 1,444                     | 1,186         | 2,987                       | 244                 | 2,449         | 3,722         | 5,390         | 2,797         | 3,702         | 7,674            | 2,981         |
| 20 to 24 percent .....                                                | 13,657               | 9,955         | 3,701         | 378                           | 755                       | 1,431                     | 1,407         | 2,485                       | 460                 | 2,456         | 3,356         | 4,880         | 2,964         | 3,659         | 7,251            | 2,747         |
| 25 to 29 percent .....                                                | 11,330               | 7,345         | 3,984         | 321                           | 614                       | 1,454                     | 1,404         | 2,146                       | 768                 | 2,170         | 2,584         | 4,007         | 2,568         | 3,388         | 5,889            | 2,053         |
| 30 to 34 percent .....                                                | 8,543                | 5,286         | 3,257         | 224                           | 459                       | 1,186                     | 1,196         | 1,723                       | 718                 | 1,758         | 1,749         | 2,943         | 2,093         | 2,592         | 4,446            | 1,505         |
| 35 to 39 percent .....                                                | 6,416                | 3,715         | 2,701         | 129                           | 339                       | 960                       | 935           | 1,330                       | 642                 | 1,276         | 1,250         | 2,300         | 1,590         | 2,045         | 3,376            | 995           |
| 40 to 49 percent .....                                                | 8,341                | 4,606         | 3,735         | 164                           | 502                       | 1,292                     | 1,396         | 1,705                       | 1,158               | 1,712         | 1,596         | 2,914         | 2,119         | 2,926         | 4,150            | 1,265         |
| 50 to 59 percent .....                                                | 5,214                | 2,609         | 2,605         | 101                           | 269                       | 899                       | 964           | 1,071                       | 1,167               | 1,006         | 937           | 1,833         | 1,439         | 1,825         | 2,635            | 755           |
| 60 to 69 percent .....                                                | 3,392                | 1,711         | 1,681         | 69                            | 152                       | 601                       | 643           | 738                         | 1,053               | 721           | 587           | 1,200         | 884           | 1,227         | 1,654            | 511           |
| 70 to 99 percent .....                                                | 5,034                | 2,387         | 2,648         | 134                           | 341                       | 955                       | 982           | 1,149                       | 2,139               | 985           | 949           | 1,746         | 1,354         | 1,822         | 2,482            | 730           |
| 100 percent or more <sup>2</sup> .....                                | 8,676                | 4,066         | 4,610         | 157                           | 567                       | 1,584                     | 1,332         | 2,280                       | 6,472               | 1,788         | 1,615         | 3,104         | 2,169         | 3,256         | 3,976            | 1,444         |
| Zero or negative income .....                                         | 2,395                | 952           | 1,443         | 39                            | 203                       | 547                       | 443           | 206                         | 2,140               | 365           | 460           | 977           | 593           | 958           | 1,011            | 425           |
| No cash rent .....                                                    | 2,271                | X             | 2,271         | 28                            | 216                       | 408                       | 263           | 494                         | 946                 | 351           | 463           | 1,047         | 409           | 612           | 871              | 787           |
| <b>Median (excludes 2 previous lines) (percent)</b> .....             | <b>25</b>            | <b>21</b>     | <b>35</b>     | <b>25</b>                     | <b>24</b>                 | <b>32</b>                 | <b>33</b>     | <b>24</b>                   | <b>83</b>           | <b>27</b>     | <b>23</b>     | <b>24</b>     | <b>28</b>     | <b>29</b>     | <b>25</b>        | <b>22</b>     |
| <b>Median (excludes 3 lines before medians) (percent)</b> .....       | <b>24</b>            | <b>20</b>     | <b>31</b>     | <b>24</b>                     | <b>21</b>                 | <b>29</b>                 | <b>30</b>     | <b>22</b>                   | <b>50</b>           | <b>25</b>     | <b>21</b>     | <b>23</b>     | <b>26</b>     | <b>26</b>     | <b>23</b>        | <b>20</b>     |
| <b>Rent Paid by Lodgers</b>                                           |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Lodgers in housing units .....                                        | 1,383                | 611           | 772           | 10                            | 67                        | 128                       | 308           | 83                          | 173                 | 215           | 244           | 430           | 493           | 628           | 596              | 159           |
| Less than \$200 per month .....                                       | 277                  | 136           | 140           | 1                             | 20                        | 22                        | 51            | 13                          | 39                  | 32            | 66            | 96            | 83            | 135           | 104              | 38            |
| \$200 to \$299 .....                                                  | 157                  | 53            | 104           | Z                             | 22                        | 13                        | 49            | 10                          | 16                  | 9             | 34            | 77            | 37            | 63            | 60               | 34            |
| \$300 to \$399 .....                                                  | 181                  | 76            | 105           | 4                             | 11                        | 21                        | 37            | 6                           | 28                  | 21            | 46            | 61            | 53            | 81            | 69               | 32            |
| \$400 to \$499 .....                                                  | 194                  | 79            | 115           | Z                             | 5                         | 19                        | 47            | 11                          | 21                  | 21            | 25            | 73            | 75            | 82            | 98               | 13            |
| \$500 to \$599 .....                                                  | 154                  | 84            | 70            | 1                             | 6                         | 11                        | 35            | 8                           | 17                  | 19            | 31            | 31            | 72            | 69            | 79               | 6             |
| \$600 to \$799 .....                                                  | 149                  | 69            | 80            | Z                             | 1                         | 16                        | 30            | 12                          | 24                  | 43            | 12            | 32            | 61            | 62            | 79               | 9             |
| \$800 or more per month .....                                         | 167                  | 65            | 102           | 3                             | 2                         | 11                        | 32            | 12                          | 13                  | 40            | 18            | 24            | 85            | 92            | 63               | 11            |
| Not reported .....                                                    | 105                  | 50            | 55            | Z                             | Z                         | 15                        | 26            | 11                          | 13                  | 30            | 11            | 36            | 28            | 44            | 45               | 15            |
| <b>Median (dollars per month)</b> .....                               | <b>400</b>           | <b>400</b>    | <b>400</b>    | <b>400</b>                    | <b>250</b>                | <b>400</b>                | <b>400</b>    | <b>433</b>                  | <b>350</b>          | <b>500</b>    | <b>300</b>    | <b>300</b>    | <b>450</b>    | <b>400</b>    | <b>400</b>       | <b>280</b>    |
| <b>Monthly Cost Paid for Electricity</b>                              |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Units using electricity .....                                         | 114,848              | 76,043        | 38,805        | 2,566                         | 7,190                     | 14,689                    | 13,841        | 25,053                      | 18,113              | 21,045        | 25,660        | 42,569        | 25,574        | 33,890        | 58,193           | 22,765        |
| Less than \$25 .....                                                  | 1,816                | 420           | 1,397         | 35                            | 37                        | 250                       | 369           | 404                         | 494                 | 121           | 501           | 79            | 1,115         | 918           | 736              | 163           |
| \$25 to \$49 .....                                                    | 8,230                | 3,564         | 4,666         | 111                           | 295                       | 921                       | 1,383         | 2,016                       | 1,887               | 1,517         | 2,518         | 885           | 3,309         | 3,211         | 3,768            | 1,250         |
| \$50 to \$74 .....                                                    | 15,447               | 8,852         | 6,595         | 289                           | 664                       | 1,757                     | 1,982         | 4,102                       | 2,851               | 3,279         | 4,517         | 2,848         | 4,803         | 5,379         | 7,136            | 2,932         |
| \$75 to \$99 .....                                                    | 19,364               | 12,954        | 6,410         | 429                           | 1,150                     | 2,153                     | 2,356         | 4,684                       | 2,844               | 3,775         | 5,056         | 5,203         | 5,329         | 5,728         | 9,523            | 4,112         |
| \$100 to \$149 .....                                                  | 29,441               | 21,535        | 7,906         | 745                           | 2,075                     | 3,570                     | 3,106         | 6,003                       | 3,908               | 6,129         | 5,902         | 12,369        | 5,041         | 7,540         | 15,678           | 6,222         |
| \$150 to \$199 .....                                                  | 16,194               | 12,762        | 3,431         | 431                           | 1,378                     | 2,115                     | 1,796         | 3,002                       | 1,958               | 2,480         | 2,366         | 9,328         | 2,020         | 3,563         | 9,046            | 3,586         |
| \$200 or more .....                                                   | 15,060               | 12,297        | 2,763         | 370                           | 1,210                     | 2,365                     | 1,579         | 2,572                       | 1,769               | 2,251         | 1,464         | 9,493         | 1,852         | 3,233         | 9,050            | 2,777         |
| <b>Median (dollars)</b> .....                                         | <b>111</b>           | <b>121</b>    | <b>90</b>     | <b>121</b>                    | <b>130</b>                | <b>117</b>                | <b>102</b>    | <b>101</b>                  | <b>98</b>           | <b>106</b>    | <b>92</b>     | <b>144</b>    | <b>85</b>     | <b>97</b>     | <b>117</b>       | <b>114</b>    |
| Included in rent, other fee, or obtained free .....                   | 9,296                | 3,659         | 5,638         | 156                           | 381                       | 1,559                     | 1,269         | 2,270                       | 2,402               | 1,494         | 3,337         | 2,362         | 2,104         | 4,317         | 3,256            | 1,723         |

See footnotes at end of table.

Table C-10-AO.

**Housing Costs—All Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                | Total<br>occu-<br>pied<br>units | Tenure     |            | Housing unit<br>characteristics                  |                                            | Household characteristics |               |                                         |                           | Regions        |              |            |            | Inside MSA      |                        | Out-<br>side<br>MSA |
|----------------------------------------------------------------|---------------------------------|------------|------------|--------------------------------------------------|--------------------------------------------|---------------------------|---------------|-----------------------------------------|---------------------------|----------------|--------------|------------|------------|-----------------|------------------------|---------------------|
|                                                                |                                 | Owner      | Renter     | New<br>con-<br>struc-<br>tion<br>past 4<br>years | Manu-<br>fac-<br>tured/<br>mobile<br>homes | Black<br>alone            | His-<br>panic | Elderly<br>(65<br>years<br>and<br>over) | Below<br>poverty<br>level | North-<br>east | Mid-<br>west | South      | West       | Central<br>city | Not<br>central<br>city |                     |
|                                                                |                                 |            |            |                                                  |                                            |                           |               |                                         |                           |                |              |            |            |                 |                        |                     |
| <b>Monthly Cost Paid for Piped Gas</b>                         |                                 |            |            |                                                  |                                            |                           |               |                                         |                           |                |              |            |            |                 |                        |                     |
| Units using piped gas . . . . .                                | 69,992                          | 46,535     | 23,458     | 1,302                                            | 1,867                                      | 9,326                     | 9,528         | 14,792                                  | 10,542                    | 13,435         | 19,472       | 17,650     | 19,435     | 25,215          | 34,804                 | 9,973               |
| Less than \$25 . . . . .                                       | 4,732                           | 1,967      | 2,765      | 110                                              | 162                                        | 573                       | 1,116         | 990                                     | 1,063                     | 699            | 358          | 832        | 2,843      | 2,242           | 2,110                  | 379                 |
| \$25 to \$49 . . . . .                                         | 12,859                          | 8,225      | 4,634      | 289                                              | 486                                        | 1,407                     | 2,400         | 2,853                                   | 2,121                     | 1,068          | 1,960        | 4,033      | 5,798      | 4,651           | 6,361                  | 1,847               |
| \$50 to \$74 . . . . .                                         | 15,914                          | 11,664     | 4,250      | 367                                              | 543                                        | 1,829                     | 2,101         | 3,236                                   | 1,977                     | 1,914          | 4,388        | 5,111      | 4,502      | 5,325           | 7,892                  | 2,697               |
| \$75 to \$99 . . . . .                                         | 10,526                          | 8,364      | 2,161      | 172                                              | 202                                        | 1,317                     | 940           | 2,288                                   | 1,144                     | 2,075          | 3,726        | 2,758      | 1,967      | 3,181           | 5,734                  | 1,611               |
| \$100 to \$149 . . . . .                                       | 9,571                           | 7,741      | 1,830      | 130                                              | 135                                        | 1,214                     | 760           | 2,159                                   | 1,044                     | 2,648          | 3,484        | 1,908      | 1,531      | 3,002           | 5,312                  | 1,257               |
| \$150 to \$199 . . . . .                                       | 3,642                           | 2,976      | 666        | 57                                               | 55                                         | 524                       | 351           | 754                                     | 381                       | 1,267          | 1,129        | 633        | 613        | 1,162           | 1,999                  | 482                 |
| \$200 or more . . . . .                                        | 3,495                           | 2,797      | 699        | 65                                               | 46                                         | 659                       | 333           | 710                                     | 412                       | 1,223          | 967          | 804        | 502        | 1,037           | 1,872                  | 586                 |
| <b>Median (dollars)</b> . . . . .                              | <b>69</b>                       | <b>75</b>  | <b>54</b>  | <b>61</b>                                        | <b>55</b>                                  | <b>74</b>                 | <b>53</b>     | <b>70</b>                               | <b>59</b>                 | <b>95</b>      | <b>82</b>    | <b>64</b>  | <b>50</b>  | <b>64</b>       | <b>72</b>              | <b>69</b>           |
| Included in rent, other fee, or obtained<br>free . . . . .     | 9,253                           | 2,799      | 6,454      | 111                                              | 238                                        | 1,802                     | 1,527         | 1,802                                   | 2,400                     | 2,542          | 3,461        | 1,571      | 1,679      | 4,614           | 3,524                  | 1,115               |
| <b>Monthly Cost Paid for Fuel Oil<sup>1</sup></b>              |                                 |            |            |                                                  |                                            |                           |               |                                         |                           |                |              |            |            |                 |                        |                     |
| Units using fuel oil . . . . .                                 | 9,217                           | 6,198      | 3,018      | 55                                               | 268                                        | 887                       | 932           | 2,428                                   | 1,290                     | 7,436          | 639          | 903        | 239        | 2,740           | 4,721                  | 1,756               |
| Less than \$25 . . . . .                                       | 312                             | 235        | 76         | 3                                                | 28                                         | 31                        | 16            | 60                                      | 72                        | 167            | 43           | 72         | 30         | 71              | 136                    | 104                 |
| \$25 to \$49 . . . . .                                         | 373                             | 278        | 96         | Z                                                | 15                                         | 39                        | 7             | 105                                     | 50                        | 195            | 64           | 93         | 23         | 53              | 172                    | 149                 |
| \$50 to \$74 . . . . .                                         | 492                             | 392        | 100        | 2                                                | 38                                         | 28                        | 15            | 142                                     | 65                        | 303            | 70           | 102        | 17         | 54              | 284                    | 154                 |
| \$75 to \$99 . . . . .                                         | 614                             | 484        | 130        | Z                                                | 39                                         | 34                        | 17            | 174                                     | 87                        | 439            | 90           | 72         | 13         | 67              | 375                    | 172                 |
| \$100 to \$149 . . . . .                                       | 1,386                           | 1,231      | 155        | 7                                                | 57                                         | 56                        | 56            | 436                                     | 111                       | 1,008          | 109          | 229        | 40         | 138             | 889                    | 359                 |
| \$150 to \$199 . . . . .                                       | 1,117                           | 1,020      | 97         | 4                                                | 30                                         | 52                        | 88            | 306                                     | 101                       | 899            | 82           | 105        | 31         | 127             | 758                    | 233                 |
| \$200 or more . . . . .                                        | 2,231                           | 2,078      | 153        | 19                                               | 29                                         | 139                       | 99            | 667                                     | 163                       | 2,007          | 77           | 132        | 16         | 302             | 1,519                  | 410                 |
| <b>Median (dollars)</b> . . . . .                              | <b>150</b>                      | <b>159</b> | <b>100</b> | <b>200</b>                                       | <b>96</b>                                  | <b>150</b>                | <b>162</b>    | <b>150</b>                              | <b>123</b>                | <b>167</b>     | <b>100</b>   | <b>108</b> | <b>100</b> | <b>167</b>      | <b>160</b>             | <b>125</b>          |
| Included in rent, other fee, or obtained<br>free . . . . .     | 2,691                           | 481        | 2,210      | 21                                               | 31                                         | 509                       | 635           | 538                                     | 641                       | 2,418          | 105          | 99         | 69         | 1,929           | 588                    | 174                 |
| <b>Property Insurance</b>                                      |                                 |            |            |                                                  |                                            |                           |               |                                         |                           |                |              |            |            |                 |                        |                     |
| Property insurance paid . . . . .                              | 83,017                          | 71,568     | 11,449     | 2,150                                            | 4,540                                      | 7,946                     | 6,821         | 20,491                                  | 7,413                     | 14,806         | 20,042       | 30,546     | 17,625     | 20,583          | 45,495                 | 16,939              |
| <b>Median per month (dollars)</b> . . . . .                    | <b>50</b>                       | <b>58</b>  | <b>16</b>  | <b>50</b>                                        | <b>38</b>                                  | <b>45</b>                 | <b>50</b>     | <b>53</b>                               | <b>40</b>                 | <b>58</b>      | <b>48</b>    | <b>56</b>  | <b>50</b>  | <b>50</b>       | <b>58</b>              | <b>50</b>           |
| <b>Monthly Costs Paid for Selected<br/>Utilities and Fuels</b> |                                 |            |            |                                                  |                                            |                           |               |                                         |                           |                |              |            |            |                 |                        |                     |
| Water paid separately . . . . .                                | 63,269                          | 52,907     | 10,362     | 1,632                                            | 3,161                                      | 7,185                     | 6,532         | 14,409                                  | 7,050                     | 9,855          | 14,040       | 25,916     | 13,457     | 16,156          | 35,421                 | 11,692              |
| <b>Median (dollars)</b> . . . . .                              | <b>40</b>                       | <b>42</b>  | <b>30</b>  | <b>40</b>                                        | <b>31</b>                                  | <b>40</b>                 | <b>46</b>     | <b>39</b>                               | <b>35</b>                 | <b>42</b>      | <b>38</b>    | <b>40</b>  | <b>50</b>  | <b>42</b>       | <b>42</b>              | <b>35</b>           |
| Trash paid separately . . . . .                                | 53,150                          | 44,630     | 8,520      | 1,355                                            | 2,610                                      | 4,859                     | 5,567         | 12,167                                  | 5,627                     | 5,454          | 13,116       | 20,569     | 14,011     | 12,829          | 28,504                 | 11,817              |
| <b>Median (dollars)</b> . . . . .                              | <b>22</b>                       | <b>23</b>  | <b>20</b>  | <b>24</b>                                        | <b>19</b>                                  | <b>25</b>                 | <b>28</b>     | <b>21</b>                               | <b>20</b>                 | <b>22</b>      | <b>20</b>    | <b>22</b>  | <b>25</b>  | <b>25</b>       | <b>23</b>              | <b>19</b>           |
| Bottled gas paid separately . . . . .                          | 6,518                           | 5,792      | 727        | 171                                              | 1,024                                      | 357                       | 369           | 1,861                                   | 748                       | 1,353          | 1,479        | 2,839      | 847        | 288             | 3,177                  | 3,054               |
| <b>Median (dollars)</b> . . . . .                              | <b>54</b>                       | <b>54</b>  | <b>53</b>  | <b>58</b>                                        | <b>50</b>                                  | <b>58</b>                 | <b>47</b>     | <b>50</b>                               | <b>49</b>                 | <b>76</b>      | <b>55</b>    | <b>52</b>  | <b>47</b>  | <b>52</b>       | <b>59</b>              | <b>52</b>           |
| Other fuel paid separately . . . . .                           | 3,483                           | 2,905      | 577        | 38                                               | 426                                        | 208                       | 170           | 696                                     | 427                       | 1,267          | 495          | 863        | 857        | 350             | 1,785                  | 1,348               |
| <b>Median (dollars)</b> . . . . .                              | <b>25</b>                       | <b>27</b>  | <b>17</b>  | <b>27</b>                                        | <b>33</b>                                  | <b>17</b>                 | <b>17</b>     | <b>25</b>                               | <b>25</b>                 | <b>38</b>      | <b>25</b>    | <b>21</b>  | <b>23</b>  | <b>13</b>       | <b>25</b>              | <b>33</b>           |

<sup>1</sup> This item uses current income in its calculation; see Appendix A.<sup>2</sup> May reflect a temporary situation, living off savings, or response error.<sup>3</sup> Monthly costs are calculated from yearly estimates.

Table C-11-AO.

**General Characteristics by Census Geography—All Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                          | Total<br>occupied<br>units | Regions and Divisions |                    |                          |                          |                   |                          |                          |          |         |
|----------------------------------------------------------|----------------------------|-----------------------|--------------------|--------------------------|--------------------------|-------------------|--------------------------|--------------------------|----------|---------|
|                                                          |                            | Northeast             |                    | Midwest                  |                          | South             |                          |                          | West     |         |
|                                                          |                            | New<br>England        | Middle<br>Atlantic | East<br>North<br>Central | West<br>North<br>Central | South<br>Atlantic | East<br>South<br>Central | West<br>South<br>Central | Mountain | Pacific |
| Total .....                                              | 114,907                    | 5,722                 | 15,344             | 17,542                   | 8,141                    | 22,227            | 7,167                    | 13,189                   | 8,160    | 17,416  |
| Year Structure Built <sup>1, 2</sup>                     |                            |                       |                    |                          |                          |                   |                          |                          |          |         |
| 2010 to 2014 .....                                       | 550                        | 16                    | 37                 | 63                       | 32                       | 111               | 71                       | 103                      | 27       | 90      |
| 2005 to 2009 .....                                       | 7,098                      | 187                   | 502                | 796                      | 356                      | 1,835             | 588                      | 1,089                    | 592      | 1,153   |
| 2000 to 2004 .....                                       | 8,206                      | 187                   | 531                | 1,178                    | 524                      | 1,959             | 658                      | 1,192                    | 617      | 1,361   |
| 1995 to 1999 .....                                       | 7,906                      | 189                   | 505                | 1,086                    | 539                      | 1,980             | 611                      | 1,173                    | 580      | 1,241   |
| 1990 to 1994 .....                                       | 6,264                      | 186                   | 465                | 933                      | 459                      | 1,387             | 464                      | 776                      | 519      | 1,076   |
| 1985 to 1989 .....                                       | 7,889                      | 326                   | 855                | 957                      | 420                      | 1,742             | 570                      | 1,012                    | 627      | 1,381   |
| 1980 to 1984 .....                                       | 6,605                      | 186                   | 493                | 716                      | 310                      | 1,730             | 586                      | 1,036                    | 515      | 1,034   |
| 1975 to 1979 .....                                       | 11,805                     | 462                   | 1,063              | 1,628                    | 1,001                    | 2,307             | 796                      | 1,554                    | 1,173    | 1,821   |
| 1970 to 1974 .....                                       | 9,535                      | 423                   | 988                | 1,320                    | 682                      | 2,119             | 563                      | 1,096                    | 854      | 1,490   |
| 1960 to 1969 .....                                       | 13,596                     | 705                   | 1,847              | 2,084                    | 913                      | 2,665             | 796                      | 1,432                    | 897      | 2,257   |
| 1950 to 1959 .....                                       | 11,905                     | 707                   | 1,882              | 2,156                    | 927                      | 1,872             | 570                      | 1,163                    | 736      | 1,889   |
| 1940 to 1949 .....                                       | 6,624                      | 393                   | 1,294              | 1,033                    | 379                      | 1,022             | 306                      | 764                      | 334      | 1,098   |
| 1930 to 1939 .....                                       | 4,705                      | 273                   | 1,187              | 894                      | 337                      | 549               | 273                      | 378                      | 196      | 618     |
| 1920 to 1929 .....                                       | 4,612                      | 382                   | 1,355              | 981                      | 432                      | 363               | 115                      | 232                      | 202      | 551     |
| 1919 or earlier .....                                    | 7,607                      | 1,102                 | 2,339              | 1,716                    | 828                      | 587               | 201                      | 189                      | 289      | 356     |
| Median (year) .....                                      | 1974                       | 1960                  | 1958               | 1970                     | 1972                     | 1979              | 1980                     | 1979                     | 1977     | 1976    |
| Rooms                                                    |                            |                       |                    |                          |                          |                   |                          |                          |          |         |
| 1 .....                                                  | 391                        | 26                    | 105                | 47                       | 15                       | 32                | 21                       | 14                       | 8        | 123     |
| 2 .....                                                  | 952                        | 82                    | 243                | 90                       | 37                       | 112               | 30                       | 45                       | 70       | 244     |
| 3 .....                                                  | 9,107                      | 560                   | 1,781              | 1,217                    | 599                      | 1,275             | 420                      | 887                      | 627      | 1,741   |
| 4 .....                                                  | 18,780                     | 859                   | 2,586              | 2,785                    | 1,207                    | 3,679             | 988                      | 2,087                    | 1,450    | 3,139   |
| 5 .....                                                  | 25,921                     | 1,069                 | 2,724              | 4,086                    | 1,691                    | 5,324             | 1,906                    | 3,494                    | 1,852    | 3,775   |
| 6 .....                                                  | 24,966                     | 1,190                 | 3,248              | 3,897                    | 1,598                    | 5,035             | 1,696                    | 3,161                    | 1,647    | 3,492   |
| 7 .....                                                  | 16,613                     | 915                   | 2,160              | 2,739                    | 1,355                    | 3,169             | 1,029                    | 1,807                    | 1,097    | 2,342   |
| 8 .....                                                  | 10,146                     | 557                   | 1,432              | 1,524                    | 917                      | 2,002             | 650                      | 933                      | 683      | 1,448   |
| 9 .....                                                  | 4,616                      | 274                   | 632                | 630                      | 403                      | 911               | 246                      | 393                      | 427      | 701     |
| 10 or more .....                                         | 3,415                      | 191                   | 434                | 526                      | 319                      | 688               | 179                      | 369                      | 297      | 411     |
| Bedrooms                                                 |                            |                       |                    |                          |                          |                   |                          |                          |          |         |
| None .....                                               | 912                        | 52                    | 267                | 102                      | 35                       | 76                | 24                       | 29                       | 49       | 277     |
| 1 .....                                                  | 12,067                     | 731                   | 2,366              | 1,604                    | 809                      | 1,681             | 526                      | 1,281                    | 770      | 2,299   |
| 2 .....                                                  | 28,656                     | 1,507                 | 3,866              | 4,465                    | 2,102                    | 5,483             | 1,570                    | 2,899                    | 2,187    | 4,577   |
| 3 .....                                                  | 48,565                     | 2,212                 | 5,649              | 7,676                    | 3,253                    | 10,207            | 3,595                    | 6,373                    | 3,180    | 6,420   |
| 4 or more .....                                          | 24,707                     | 1,220                 | 3,196              | 3,695                    | 1,942                    | 4,779             | 1,452                    | 2,607                    | 1,974    | 3,843   |
| Complete Bathrooms                                       |                            |                       |                    |                          |                          |                   |                          |                          |          |         |
| None .....                                               | 494                        | 27                    | 98                 | 52                       | 36                       | 85                | 45                       | 67                       | 27       | 57      |
| 1 .....                                                  | 39,268                     | 2,594                 | 7,169              | 6,777                    | 2,855                    | 5,712             | 2,179                    | 3,918                    | 2,403    | 5,662   |
| 1½ .....                                                 | 15,066                     | 1,057                 | 2,655              | 3,318                    | 1,463                    | 2,173             | 765                      | 1,096                    | 931      | 1,608   |
| 2 or more .....                                          | 60,079                     | 2,044                 | 5,421              | 7,394                    | 3,787                    | 14,258            | 4,178                    | 8,108                    | 4,799    | 10,089  |
| Square Footage of Unit                                   |                            |                       |                    |                          |                          |                   |                          |                          |          |         |
| Single detached and manufac-<br>tured/mobile homes ..... | 80,951                     | 3,654                 | 8,342              | 12,948                   | 6,243                    | 16,191            | 5,806                    | 10,389                   | 6,006    | 11,371  |
| Less than 500 .....                                      | 618                        | 16                    | 86                 | 67                       | 26                       | 116               | 47                       | 116                      | 48       | 96      |
| 500 to 749 .....                                         | 1,818                      | 73                    | 184                | 249                      | 160                      | 435               | 136                      | 247                      | 111      | 222     |
| 750 to 999 .....                                         | 5,150                      | 215                   | 440                | 928                      | 428                      | 1,082             | 317                      | 744                      | 421      | 575     |
| 1,000 to 1,499 .....                                     | 18,255                     | 668                   | 1,445              | 2,967                    | 1,396                    | 3,659             | 1,491                    | 2,431                    | 1,454    | 2,743   |
| 1,500 to 1,999 .....                                     | 18,470                     | 757                   | 1,691              | 2,633                    | 1,333                    | 3,836             | 1,324                    | 2,523                    | 1,365    | 3,009   |
| 2,000 to 2,499 .....                                     | 13,179                     | 662                   | 1,374              | 2,148                    | 1,062                    | 2,568             | 854                      | 1,708                    | 975      | 1,827   |
| 2,500 to 2,999 .....                                     | 7,021                      | 364                   | 807                | 1,119                    | 502                      | 1,469             | 493                      | 813                      | 511      | 942     |
| 3,000 to 3,999 .....                                     | 6,735                      | 359                   | 827                | 1,128                    | 611                      | 1,217             | 484                      | 772                      | 581      | 757     |
| 4,000 or more .....                                      | 4,034                      | 252                   | 531                | 679                      | 301                      | 865               | 300                      | 374                      | 279      | 452     |
| Not reported .....                                       | 5,671                      | 287                   | 957                | 1,029                    | 424                      | 944               | 359                      | 661                      | 261      | 747     |
| Median (square feet) .....                               | 1,800                      | 1,900                 | 1,900              | 1,800                    | 1,800                    | 1,769             | 1,700                    | 1,700                    | 1,760    | 1,700   |
| Air Conditioning <sup>3</sup>                            |                            |                       |                    |                          |                          |                   |                          |                          |          |         |
| Central .....                                            | 75,748                     | 1,403                 | 6,030              | 11,890                   | 6,419                    | 19,382            | 6,057                    | 11,238                   | 5,104    | 8,225   |
| Additional central .....                                 | 6,466                      | 99                    | 350                | 525                      | 292                      | 2,047             | 794                      | 1,270                    | 506      | 584     |
| Room (air conditioning) units:                           |                            |                       |                    |                          |                          |                   |                          |                          |          |         |
| 1 unit .....                                             | 11,923                     | 1,494                 | 2,711              | 2,501                    | 864                      | 776               | 331                      | 431                      | 878      | 1,937   |
| 2 units .....                                            | 8,474                      | 1,032                 | 2,869              | 1,346                    | 410                      | 988               | 379                      | 620                      | 228      | 603     |
| 3 units or more .....                                    | 5,637                      | 892                   | 2,104              | 522                      | 149                      | 663               | 274                      | 729                      | 57       | 246     |

See footnotes at end of table.

Table C-11-AO.

**General Characteristics by Census Geography—All Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                      | Total occupied units | Regions and Divisions |                 |                    |                    |                |                    |                    |          |         |
|----------------------------------------------------------------------|----------------------|-----------------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|
|                                                                      |                      | Northeast             |                 | Midwest            |                    | South          |                    |                    | West     |         |
|                                                                      |                      | New England           | Middle Atlantic | East North Central | West North Central | South Atlantic | East South Central | West South Central | Mountain | Pacific |
| Main Heating Equipment                                               |                      |                       |                 |                    |                    |                |                    |                    |          |         |
| Warm-air furnace . . . . .                                           | 73,687               | 2,154                 | 7,127           | 14,286             | 6,718              | 11,742         | 4,362              | 10,146             | 5,789    | 11,363  |
| Steam or hot water system . . . . .                                  | 12,624               | 2,830                 | 6,398           | 1,424              | 559                | 551            | 16                 | 24                 | 462      | 359     |
| Electric heat pump . . . . .                                         | 13,523               | 37                    | 382             | 503                | 265                | 7,823          | 1,824              | 1,156              | 870      | 664     |
| Built-in electric units . . . . .                                    | 4,865                | 396                   | 908             | 781                | 304                | 545            | 149                | 67                 | 337      | 1,379   |
| Floor, wall, or other built-in hot-air units without ducts . . . . . | 4,505                | 125                   | 235             | 253                | 108                | 404            | 242                | 455                | 312      | 2,371   |
| Room heaters with flue . . . . .                                     | 932                  | 64                    | 69              | 63                 | 38                 | 222            | 100                | 118                | 101      | 156     |
| Room heaters without flue . . . . .                                  | 1,094                | 13                    | 14              | 30                 | 48                 | 201            | 218                | 509                | 26       | 33      |
| Portable electric heaters . . . . .                                  | 1,431                | 5                     | 16              | 49                 | 18                 | 396            | 99                 | 465                | 56       | 327     |
| Stoves . . . . .                                                     | 1,067                | 74                    | 127             | 103                | 55                 | 168            | 91                 | 93                 | 149      | 206     |
| Fireplaces with inserts . . . . .                                    | 176                  | 4                     | 14              | 27                 | 14                 | 24             | 8                  | 13                 | 27       | 45      |
| Fireplaces without inserts . . . . .                                 | 63                   | Z                     | Z               | 2                  | 3                  | 9              | 15                 | 5                  | 6        | 23      |
| Cooking stove . . . . .                                              | 90                   | 12                    | 7               | Z                  | Z                  | 6              | 9                  | 42                 | 6        | 7       |
| Other . . . . .                                                      | 381                  | 8                     | 44              | 20                 | 12                 | 101            | 28                 | 74                 | 16       | 79      |
| None . . . . .                                                       | 468                  | Z                     | 3               | 1                  | Z                  | 32             | 7                  | 21                 | 2        | 403     |
| Primary Source of Water                                              |                      |                       |                 |                    |                    |                |                    |                    |          |         |
| Public or private system . . . . .                                   | 101,397              | 4,621                 | 13,234          | 14,482             | 7,323              | 18,807         | 6,767              | 12,160             | 7,474    | 16,531  |
| Well serving 1 to 5 units . . . . .                                  | 13,131               | 1,084                 | 2,036           | 3,019              | 813                | 3,332          | 361                | 977                | 663      | 846     |
| Drilled . . . . .                                                    | 11,849               | 929                   | 1,819           | 2,774              | 747                | 3,010          | 311                | 893                | 618      | 746     |
| Dug . . . . .                                                        | 808                  | 95                    | 138             | 153                | 35                 | 227            | 35                 | 53                 | 25       | 48      |
| Not reported . . . . .                                               | 473                  | 60                    | 79              | 92                 | 31                 | 95             | 16                 | 31                 | 20       | 51      |
| Other . . . . .                                                      | 380                  | 17                    | 74              | 41                 | 5                  | 89             | 40                 | 52                 | 22       | 40      |
| Means of Sewage Disposal                                             |                      |                       |                 |                    |                    |                |                    |                    |          |         |
| Public sewer . . . . .                                               | 92,636               | 4,172                 | 12,719          | 13,962             | 6,801              | 16,837         | 4,950              | 10,610             | 7,001    | 15,584  |
| Septic tank, cesspool, or chemical toilet . . . . .                  | 22,229               | 1,550                 | 2,615           | 3,577              | 1,340              | 5,383          | 2,201              | 2,576              | 1,159    | 1,829   |
| Other . . . . .                                                      | 42                   | Z                     | 10              | 3                  | Z                  | 7              | 16                 | 3                  | Z        | 3       |
| Units Using Each Fuel <sup>4</sup>                                   |                      |                       |                 |                    |                    |                |                    |                    |          |         |
| Electricity . . . . .                                                | 114,848              | 5,721                 | 15,324          | 17,520             | 8,141              | 22,223         | 7,157              | 13,189             | 8,159    | 17,414  |
| Piped gas . . . . .                                                  | 69,992               | 2,541                 | 10,894          | 13,589             | 5,883              | 7,397          | 3,108              | 7,145              | 5,855    | 13,581  |
| Bottled gas . . . . .                                                | 9,517                | 804                   | 1,363           | 1,514              | 888                | 1,892          | 813                | 968                | 625      | 650     |
| Fuel oil . . . . .                                                   | 9,217                | 2,809                 | 4,628           | 447                | 191                | 845            | 42                 | 16                 | 57       | 182     |
| Kerosene or other liquid fuel . . . . .                              | 551                  | 83                    | 112             | 16                 | 11                 | 199            | 24                 | 70                 | 11       | 26      |
| Coal or coke . . . . .                                               | 82                   | Z                     | 58              | 12                 | Z                  | 3              | 6                  | Z                  | 1        | Z       |
| Wood . . . . .                                                       | 1,977                | 193                   | 267             | 325                | 115                | 274            | 122                | 139                | 224      | 318     |
| Solar energy . . . . .                                               | 156                  | 8                     | 11              | 2                  | 2                  | 21             | 6                  | Z                  | 29       | 77      |
| Other . . . . .                                                      | 493                  | 44                    | 57              | 85                 | 47                 | 70             | 22                 | 27                 | 36       | 105     |
| All electric units . . . . .                                         | 31,674               | 441                   | 1,380           | 2,184              | 1,342              | 12,820         | 3,474              | 5,214              | 1,686    | 3,132   |
| Selected Amenities <sup>4</sup>                                      |                      |                       |                 |                    |                    |                |                    |                    |          |         |
| Porch, deck, balcony, or patio . . . . .                             | 97,550               | 4,490                 | 10,908          | 15,045             | 7,025              | 19,672         | 6,584              | 11,806             | 7,169    | 14,850  |
| Telephone available . . . . .                                        | 112,073              | 5,620                 | 15,025          | 17,175             | 8,031              | 21,749         | 6,973              | 12,852             | 7,897    | 16,751  |
| Usable fireplace . . . . .                                           | 40,371               | 2,089                 | 3,801           | 5,526              | 2,767              | 7,345          | 2,568              | 5,106              | 3,019    | 8,151   |
| Separate dining room . . . . .                                       | 54,923               | 2,945                 | 8,173           | 8,258              | 3,989              | 11,064         | 3,383              | 6,399              | 2,984    | 7,728   |
| With 2 or more living rooms or recreation rooms, etc. . . . .        | 34,576               | 1,956                 | 4,184           | 5,584              | 3,078              | 6,772          | 1,976              | 3,174              | 2,804    | 5,048   |
| Monthly Housing Costs                                                |                      |                       |                 |                    |                    |                |                    |                    |          |         |
| Less than \$100 . . . . .                                            | 473                  | 12                    | 54              | 75                 | 46                 | 54             | 55                 | 54                 | 62       | 60      |
| \$100 to \$199 . . . . .                                             | 2,425                | 60                    | 182             | 371                | 166                | 554            | 332                | 362                | 223      | 176     |
| \$200 to \$249 . . . . .                                             | 2,667                | 70                    | 272             | 389                | 181                | 608            | 337                | 378                | 226      | 205     |
| \$250 to \$299 . . . . .                                             | 3,190                | 72                    | 258             | 530                | 226                | 650            | 387                | 411                | 285      | 373     |
| \$300 to \$349 . . . . .                                             | 3,622                | 115                   | 307             | 648                | 300                | 724            | 406                | 558                | 286      | 277     |
| \$350 to \$399 . . . . .                                             | 3,630                | 88                    | 360             | 652                | 322                | 728            | 330                | 498                | 238      | 415     |
| \$400 to \$449 . . . . .                                             | 3,629                | 106                   | 411             | 748                | 317                | 611            | 341                | 452                | 286      | 357     |
| \$450 to \$499 . . . . .                                             | 3,554                | 116                   | 397             | 679                | 322                | 642            | 298                | 504                | 245      | 350     |
| \$500 to \$599 . . . . .                                             | 7,708                | 357                   | 843             | 1,454              | 740                | 1,347          | 569                | 1,058              | 521      | 819     |
| \$600 to \$699 . . . . .                                             | 7,959                | 390                   | 906             | 1,504              | 696                | 1,465          | 528                | 1,119              | 588      | 762     |
| \$700 to \$799 . . . . .                                             | 8,100                | 379                   | 929             | 1,494              | 598                | 1,537          | 596                | 1,069              | 590      | 908     |
| \$800 to \$999 . . . . .                                             | 13,988               | 638                   | 1,781           | 2,313              | 1,035              | 2,919          | 868                | 1,644              | 926      | 1,862   |
| \$1,000 to \$1,249 . . . . .                                         | 13,963               | 652                   | 1,991           | 2,115              | 1,042              | 2,871          | 675                | 1,539              | 1,118    | 1,960   |
| \$1,250 to \$1,499 . . . . .                                         | 10,530               | 541                   | 1,521           | 1,432              | 735                | 2,078          | 447                | 1,005              | 880      | 1,891   |
| \$1,500 to \$1,999 . . . . .                                         | 12,315               | 765                   | 1,924           | 1,520              | 731                | 2,353          | 429                | 1,113              | 877      | 2,603   |
| \$2,000 to \$2,499 . . . . .                                         | 6,481                | 652                   | 1,148           | 692                | 289                | 1,125          | 177                | 516                | 333      | 1,550   |
| \$2,500 or more . . . . .                                            | 8,403                | 645                   | 1,770           | 638                | 220                | 1,484          | 188                | 545                | 329      | 2,585   |
| No cash rent . . . . .                                               | 2,271                | 63                    | 288             | 289                | 174                | 477            | 204                | 366                | 148      | 261     |
| Median (excludes no cash rent) (dollars) . . . . .                   | 927                  | 1,154                 | 1,093           | 806                | 810                | 933            | 679                | 795                | 895      | 1,255   |

See footnotes at end of table.

Table C-1 I-AO.

**General Characteristics by Census Geography—All Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                 | Total<br>occupied<br>units | Regions and Divisions |                    |                          |                          |                   |                          |                          |          |         |
|-----------------------------------------------------------------|----------------------------|-----------------------|--------------------|--------------------------|--------------------------|-------------------|--------------------------|--------------------------|----------|---------|
|                                                                 |                            | Northeast             |                    | Midwest                  |                          | South             |                          |                          | West     |         |
|                                                                 |                            | New<br>England        | Middle<br>Atlantic | East<br>North<br>Central | West<br>North<br>Central | South<br>Atlantic | East<br>South<br>Central | West<br>South<br>Central | Mountain | Pacific |
| Monthly Housing Costs as Percent of Current Income <sup>5</sup> |                            |                       |                    |                          |                          |                   |                          |                          |          |         |
| Less than 5 percent . . . . .                                   | 2,532                      | 71                    | 206                | 349                      | 218                      | 506               | 282                      | 301                      | 247      | 352     |
| 5 to 9 percent . . . . .                                        | 9,815                      | 430                   | 1,130              | 1,584                    | 846                      | 1,948             | 881                      | 1,337                    | 668      | 990     |
| 10 to 14 percent . . . . .                                      | 12,935                     | 640                   | 1,551              | 2,365                    | 1,053                    | 2,426             | 888                      | 1,672                    | 898      | 1,443   |
| 15 to 19 percent . . . . .                                      | 14,358                     | 669                   | 1,780              | 2,484                    | 1,238                    | 2,744             | 943                      | 1,703                    | 997      | 1,800   |
| 20 to 24 percent . . . . .                                      | 13,657                     | 727                   | 1,730              | 2,231                    | 1,124                    | 2,538             | 840                      | 1,502                    | 1,035    | 1,929   |
| 25 to 29 percent . . . . .                                      | 11,330                     | 599                   | 1,571              | 1,719                    | 865                      | 2,173             | 632                      | 1,202                    | 724      | 1,844   |
| 30 to 34 percent . . . . .                                      | 8,543                      | 526                   | 1,233              | 1,238                    | 510                      | 1,589             | 405                      | 949                      | 641      | 1,451   |
| 35 to 39 percent . . . . .                                      | 6,416                      | 302                   | 974                | 894                      | 357                      | 1,222             | 361                      | 717                      | 451      | 1,139   |
| 40 to 49 percent . . . . .                                      | 8,341                      | 429                   | 1,283              | 1,078                    | 519                      | 1,632             | 396                      | 886                      | 585      | 1,534   |
| 50 to 59 percent . . . . .                                      | 5,214                      | 247                   | 758                | 661                      | 276                      | 988               | 270                      | 575                      | 421      | 1,017   |
| 60 to 69 percent . . . . .                                      | 3,392                      | 179                   | 542                | 452                      | 135                      | 675               | 173                      | 351                      | 233      | 651     |
| 70 to 99 percent . . . . .                                      | 5,034                      | 255                   | 730                | 696                      | 254                      | 1,023             | 242                      | 481                      | 309      | 1,046   |
| 100 percent or more <sup>6</sup> . . . . .                      | 8,676                      | 488                   | 1,300              | 1,140                    | 475                      | 1,778             | 498                      | 828                      | 625      | 1,544   |
| Zero or negative income . . . . .                               | 2,395                      | 97                    | 267                | 361                      | 98                       | 507               | 152                      | 318                      | 178      | 415     |
| No cash rent . . . . .                                          | 2,271                      | 63                    | 288                | 289                      | 174                      | 477               | 204                      | 366                      | 148      | 261     |
| Median (excludes 2 previous lines) (percent) . . . . .          | 25                         | 27                    | 28                 | 23                       | 22                       | 25                | 22                       | 24                       | 25       | 30      |
| Median (excludes 3 lines before medians) (percent) . . . . .    | 24                         | 25                    | 26                 | 22                       | 21                       | 24                | 20                       | 22                       | 23       | 27      |

<sup>1</sup> For manufactured/mobile homes, oldest category is 1939 or earlier.<sup>2</sup> Median is estimated from the printed distribution; see Appendix A.<sup>3</sup> Includes only those who responded they had some type of air conditioning.<sup>4</sup> Figures may not add to total because more than one category may apply to a unit.<sup>5</sup> This item uses current income in its calculation; see Appendix A.<sup>6</sup> May reflect a temporary situation, living off savings, or response error.

Table C-12-AO.

**General Characteristics by Units in Structure—All Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                     | Total occupied units | 1, detached   | 1, attached  | Multiunit     |              |              |              |              |              | Manufactured/mobile homes |
|-----------------------------------------------------|----------------------|---------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|---------------------------|
|                                                     |                      |               |              | Total         | 2 to 4       | 5 to 9       | 10 to 19     | 20 to 49     | 50 or more   |                           |
| <b>Total</b> .....                                  | <b>114,907</b>       | <b>73,761</b> | <b>6,744</b> | <b>27,212</b> | <b>8,956</b> | <b>5,410</b> | <b>5,032</b> | <b>3,665</b> | <b>4,150</b> | <b>7,190</b>              |
| <b>Year Structure Built<sup>1,2</sup></b>           |                      |               |              |               |              |              |              |              |              |                           |
| 2010 to 2014 .....                                  | 550                  | 390           | 37           | 110           | 15           | 15           | 17           | 30           | 32           | 13                        |
| 2005 to 2009 .....                                  | 7,098                | 4,691         | 622          | 1,314         | 291          | 220          | 254          | 256          | 293          | 472                       |
| 2000 to 2004 .....                                  | 8,206                | 5,457         | 631          | 1,357         | 285          | 231          | 366          | 232          | 242          | 762                       |
| 1995 to 1999 .....                                  | 7,906                | 4,741         | 453          | 1,224         | 286          | 285          | 334          | 173          | 146          | 1,488                     |
| 1990 to 1994 .....                                  | 6,264                | 3,951         | 439          | 1,001         | 235          | 212          | 255          | 148          | 152          | 874                       |
| 1985 to 1989 .....                                  | 7,889                | 4,210         | 675          | 2,248         | 432          | 622          | 613          | 280          | 300          | 756                       |
| 1980 to 1984 .....                                  | 6,605                | 3,313         | 590          | 1,955         | 515          | 510          | 437          | 226          | 267          | 746                       |
| 1975 to 1979 .....                                  | 11,805               | 6,981         | 741          | 3,335         | 999          | 766          | 658          | 426          | 486          | 747                       |
| 1970 to 1974 .....                                  | 9,535                | 5,149         | 459          | 3,177         | 803          | 639          | 636          | 469          | 630          | 749                       |
| 1960 to 1969 .....                                  | 13,596               | 9,227         | 467          | 3,480         | 960          | 683          | 668          | 511          | 658          | 422                       |
| 1950 to 1959 .....                                  | 11,905               | 9,761         | 405          | 1,673         | 676          | 287          | 218          | 174          | 318          | 67                        |
| 1940 to 1949 .....                                  | 6,624                | 4,973         | 293          | 1,313         | 655          | 216          | 135          | 141          | 166          | 44                        |
| 1930 to 1939 .....                                  | 4,705                | 3,187         | 247          | 1,222         | 646          | 197          | 95           | 136          | 148          | 48                        |
| 1920 to 1929 .....                                  | 4,612                | 2,889         | 278          | 1,445         | 752          | 176          | 135          | 209          | 174          | X                         |
| 1919 or earlier .....                               | 7,607                | 4,841         | 408          | 2,359         | 1,406        | 352          | 211          | 252          | 137          | X                         |
| <b>Median (year)</b> .....                          | <b>1974</b>          | <b>1972</b>   | <b>1981</b>  | <b>1973</b>   | <b>1964</b>  | <b>1976</b>  | <b>1978</b>  | <b>1974</b>  | <b>1974</b>  | <b>1990</b>               |
| <b>Rooms</b>                                        |                      |               |              |               |              |              |              |              |              |                           |
| 1 .....                                             | 391                  | 20            | 15           | 356           | 47           | 37           | 70           | 88           | 114          | Z                         |
| 2 .....                                             | 952                  | 80            | 30           | 827           | 120          | 126          | 124          | 174          | 282          | 15                        |
| 3 .....                                             | 9,107                | 774           | 371          | 7,752         | 1,603        | 1,409        | 1,476        | 1,438        | 1,826        | 210                       |
| 4 .....                                             | 18,780               | 4,710         | 1,481        | 10,652        | 3,663        | 2,339        | 2,107        | 1,273        | 1,271        | 1,936                     |
| 5 .....                                             | 25,921               | 15,947        | 1,893        | 5,296         | 2,157        | 1,109        | 979          | 542          | 509          | 2,784                     |
| 6 .....                                             | 24,966               | 19,940        | 1,787        | 1,814         | 1,037        | 313          | 223          | 115          | 126          | 1,425                     |
| 7 .....                                             | 16,613               | 14,885        | 754          | 378           | 243          | 58           | 32           | 30           | 14           | 597                       |
| 8 .....                                             | 10,146               | 9,595         | 264          | 98            | 60           | 16           | 13           | 3            | 7            | 189                       |
| 9 .....                                             | 4,616                | 4,499         | 78           | 18            | 9            | 3            | 5            | 2            | Z            | 20                        |
| 10 or more .....                                    | 3,415                | 3,310         | 70           | 21            | 18           | Z            | 2            | Z            | Z            | 14                        |
| <b>Bedrooms</b>                                     |                      |               |              |               |              |              |              |              |              |                           |
| None .....                                          | 912                  | 41            | 28           | 843           | 100          | 92           | 126          | 210          | 315          | Z                         |
| 1 .....                                             | 12,067               | 1,290         | 484          | 9,991         | 2,153        | 1,858        | 1,969        | 1,765        | 2,245        | 303                       |
| 2 .....                                             | 28,656               | 10,710        | 2,644        | 12,712        | 4,734        | 2,765        | 2,472        | 1,432        | 1,309        | 2,590                     |
| 3 .....                                             | 48,565               | 38,708        | 2,958        | 3,168         | 1,668        | 631          | 396          | 223          | 250          | 3,731                     |
| 4 or more .....                                     | 24,707               | 23,012        | 630          | 499           | 300          | 65           | 69           | 34           | 31           | 565                       |
| <b>Complete Bathrooms</b>                           |                      |               |              |               |              |              |              |              |              |                           |
| None .....                                          | 494                  | 228           | 36           | 181           | 37           | 41           | 40           | 28           | 35           | 49                        |
| 1 .....                                             | 39,268               | 16,510        | 1,839        | 19,009        | 6,561        | 3,473        | 3,268        | 2,641        | 3,066        | 1,910                     |
| 1½ .....                                            | 15,066               | 10,867        | 1,342        | 2,304         | 838          | 568          | 426          | 215          | 258          | 553                       |
| 2 or more .....                                     | 60,079               | 46,156        | 3,528        | 5,718         | 1,520        | 1,329        | 1,297        | 781          | 791          | 4,678                     |
| <b>Square Footage of Unit</b>                       |                      |               |              |               |              |              |              |              |              |                           |
| Single detached and manufactured/mobile homes ..... | 80,951               | 73,761        | X            | X             | X            | X            | X            | X            | X            | 7,190                     |
| Less than 500 .....                                 | 618                  | 442           | X            | X             | X            | X            | X            | X            | X            | 177                       |
| 500 to 749 .....                                    | 1,818                | 1,148         | X            | X             | X            | X            | X            | X            | X            | 670                       |
| 750 to 999 .....                                    | 5,150                | 3,550         | X            | X             | X            | X            | X            | X            | X            | 1,600                     |
| 1,000 to 1,499 .....                                | 18,255               | 15,824        | X            | X             | X            | X            | X            | X            | X            | 2,430                     |
| 1,500 to 1,999 .....                                | 18,470               | 17,378        | X            | X             | X            | X            | X            | X            | X            | 1,092                     |
| 2,000 to 2,499 .....                                | 13,179               | 12,822        | X            | X             | X            | X            | X            | X            | X            | 357                       |
| 2,500 to 2,999 .....                                | 7,021                | 6,932         | X            | X             | X            | X            | X            | X            | X            | 90                        |
| 3,000 to 3,999 .....                                | 6,735                | 6,674         | X            | X             | X            | X            | X            | X            | X            | 61                        |
| 4,000 or more .....                                 | 4,034                | 3,918         | X            | X             | X            | X            | X            | X            | X            | 116                       |
| Not reported .....                                  | 5,671                | 5,074         | X            | X             | X            | X            | X            | X            | X            | 597                       |
| <b>Median (square feet)</b> .....                   | <b>1,800</b>         | <b>1,800</b>  | <b>X</b>     | <b>X</b>      | <b>X</b>     | <b>X</b>     | <b>X</b>     | <b>X</b>     | <b>X</b>     | <b>1,120</b>              |
| <b>Air Conditioning<sup>3</sup></b>                 |                      |               |              |               |              |              |              |              |              |                           |
| Central .....                                       | 75,748               | 52,571        | 4,714        | 13,909        | 3,627        | 3,101        | 3,166        | 1,831        | 2,184        | 4,554                     |
| Additional central .....                            | 6,466                | 5,167         | 279          | 727           | 193          | 161          | 128          | 110          | 135          | 293                       |
| Room (air conditioning) units:                      |                      |               |              |               |              |              |              |              |              |                           |
| 1 unit .....                                        | 11,923               | 5,271         | 473          | 5,408         | 1,959        | 999          | 778          | 836          | 835          | 771                       |
| 2 units .....                                       | 8,474                | 4,526         | 458          | 2,729         | 1,233        | 427          | 289          | 320          | 460          | 762                       |
| 3 units or more .....                               | 5,637                | 3,782         | 423          | 1,042         | 571          | 103          | 86           | 91           | 190          | 390                       |

See footnotes at end of table.

Table C-12-AO.

**General Characteristics by Units in Structure—All Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                      | Total occupied units | 1, detached | 1, attached | Multiunit |        |        |          |          |            | Manufactured/mobile homes |
|----------------------------------------------------------------------|----------------------|-------------|-------------|-----------|--------|--------|----------|----------|------------|---------------------------|
|                                                                      |                      |             |             | Total     | 2 to 4 | 5 to 9 | 10 to 19 | 20 to 49 | 50 or more |                           |
| Main Heating Equipment                                               |                      |             |             |           |        |        |          |          |            |                           |
| Warm-air furnace . . . . .                                           | 73,687               | 50,235      | 4,490       | 13,850    | 4,690  | 2,899  | 2,827    | 1,622    | 1,811      | 5,114                     |
| Steam or hot water system . . . . .                                  | 12,624               | 6,528       | 676         | 5,392     | 1,904  | 726    | 611      | 935      | 1,215      | 27                        |
| Electric heat pump . . . . .                                         | 13,523               | 8,857       | 870         | 2,651     | 563    | 645    | 618      | 397      | 428        | 1,145                     |
| Built-in electric units . . . . .                                    | 4,865                | 2,008       | 245         | 2,553     | 719    | 533    | 516      | 411      | 373        | 60                        |
| Floor, wall, or other built-in hot-air units without ducts . . . . . | 4,505                | 2,216       | 284         | 1,870     | 643    | 435    | 331      | 226      | 236        | 134                       |
| Room heaters with flue . . . . .                                     | 932                  | 662         | 27          | 192       | 114    | 30     | 18       | 10       | 21         | 51                        |
| Room heaters without flue . . . . .                                  | 1,094                | 854         | 27          | 82        | 62     | 12     | 5        | 1        | 2          | 131                       |
| Portable electric heaters . . . . .                                  | 1,431                | 809         | 72          | 244       | 129    | 38     | 47       | 17       | 14         | 306                       |
| Stoves . . . . .                                                     | 1,067                | 882         | 18          | 19        | 12     | 6      | Z        | Z        | 1          | 149                       |
| Fireplaces with inserts . . . . .                                    | 176                  | 166         | 2           | 7         | 2      | Z      | 3        | 2        | Z          | 1                         |
| Fireplaces without inserts . . . . .                                 | 63                   | 53          | Z           | 5         | 5      | Z      | Z        | Z        | Z          | 4                         |
| Cooking stove . . . . .                                              | 90                   | 42          | 2           | 32        | 15     | 15     | Z        | 2        | Z          | 14                        |
| Other . . . . .                                                      | 381                  | 228         | 11          | 103       | 41     | 17     | 21       | 16       | 7          | 40                        |
| None . . . . .                                                       | 468                  | 221         | 21          | 211       | 57     | 53     | 33       | 25       | 43         | 15                        |
| Primary Source of Water                                              |                      |             |             |           |        |        |          |          |            |                           |
| Public or private system . . . . .                                   | 101,397              | 62,539      | 6,592       | 27,055    | 8,827  | 5,399  | 5,030    | 3,661    | 4,137      | 5,211                     |
| Well serving 1 to 5 units . . . . .                                  | 13,131               | 10,946      | 145         | 125       | 121    | 4      | Z        | Z        | Z          | 1,915                     |
| Drilled . . . . .                                                    | 11,849               | 9,893       | 134         | 100       | 96     | 4      | Z        | Z        | Z          | 1,723                     |
| Dug . . . . .                                                        | 808                  | 643         | 4           | 6         | 6      | Z      | Z        | Z        | Z          | 155                       |
| Not reported . . . . .                                               | 473                  | 410         | 7           | 19        | 19     | Z      | Z        | Z        | Z          | 36                        |
| Other . . . . .                                                      | 380                  | 276         | 7           | 33        | 8      | 7      | 1        | 3        | 13         | 65                        |
| Means of Sewage Disposal                                             |                      |             |             |           |        |        |          |          |            |                           |
| Public sewer . . . . .                                               | 92,636               | 55,705      | 6,525       | 26,967    | 8,736  | 5,405  | 5,020    | 3,661    | 4,145      | 3,438                     |
| Septic tank, cesspool, or chemical toilet . . . . .                  | 22,229               | 18,032      | 216         | 230       | 220    | 5      | 2        | 1        | 2          | 3,752                     |
| Other . . . . .                                                      | 42                   | 24          | 3           | 16        | Z      | Z      | 10       | 2        | 3          | Z                         |
| Units Using Each Fuel <sup>4</sup>                                   |                      |             |             |           |        |        |          |          |            |                           |
| Electricity . . . . .                                                | 114,848              | 73,705      | 6,743       | 27,211    | 8,956  | 5,410  | 5,032    | 3,663    | 4,150      | 7,190                     |
| Piped gas . . . . .                                                  | 69,992               | 46,991      | 4,656       | 16,478    | 6,208  | 2,993  | 2,624    | 2,098    | 2,555      | 1,867                     |
| Bottled gas . . . . .                                                | 9,517                | 7,498       | 117         | 295       | 179    | 41     | 25       | 18       | 32         | 1,606                     |
| Fuel oil . . . . .                                                   | 9,217                | 5,869       | 327         | 2,753     | 765    | 226    | 268      | 568      | 926        | 268                       |
| Kerosene or other liquid fuel . . . . .                              | 551                  | 276         | 17          | 35        | 21     | 8      | Z        | Z        | 6          | 223                       |
| Coal or coke . . . . .                                               | 82                   | 75          | 4           | Z         | Z      | Z      | Z        | Z        | Z          | 2                         |
| Wood . . . . .                                                       | 1,977                | 1,683       | 22          | 29        | 23     | 5      | Z        | 1        | 1          | 243                       |
| Solar energy . . . . .                                               | 156                  | 134         | 7           | 15        | 1      | 1      | 3        | 4        | 6          | Z                         |
| Other . . . . .                                                      | 493                  | 312         | 10          | 150       | 38     | 27     | 21       | 19       | 44         | 21                        |
| All electric units . . . . .                                         | 31,674               | 15,962      | 1,937       | 10,266    | 2,420  | 2,378  | 2,409    | 1,540    | 1,518      | 3,510                     |
| Selected Amenities <sup>4</sup>                                      |                      |             |             |           |        |        |          |          |            |                           |
| Porch, deck, balcony, or patio . . . . .                             | 97,550               | 68,137      | 5,717       | 17,326    | 6,271  | 3,676  | 3,481    | 2,019    | 1,879      | 6,370                     |
| Telephone available . . . . .                                        | 112,073              | 72,403      | 6,520       | 26,161    | 8,606  | 5,226  | 4,839    | 3,484    | 4,005      | 6,989                     |
| Usable fireplace . . . . .                                           | 40,371               | 34,283      | 2,141       | 2,749     | 848    | 742    | 687      | 315      | 156        | 1,198                     |
| Separate dining room . . . . .                                       | 54,923               | 42,859      | 3,232       | 6,798     | 2,724  | 1,377  | 1,225    | 740      | 732        | 2,034                     |
| With 2 or more living rooms or recreation rooms, etc. . . . .        | 34,576               | 31,168      | 1,387       | 983       | 480    | 166    | 166      | 77       | 94         | 1,038                     |
| Monthly Housing Costs                                                |                      |             |             |           |        |        |          |          |            |                           |
| Less than \$100 . . . . .                                            | 473                  | 121         | 35          | 262       | 60     | 59     | 43       | 32       | 68         | 55                        |
| \$100 to \$199 . . . . .                                             | 2,425                | 1,089       | 88          | 702       | 202    | 134    | 113      | 78       | 175        | 546                       |
| \$200 to \$249 . . . . .                                             | 2,667                | 1,430       | 85          | 681       | 161    | 99     | 82       | 81       | 259        | 470                       |
| \$250 to \$299 . . . . .                                             | 3,190                | 2,026       | 94          | 598       | 181    | 121    | 69       | 92       | 135        | 472                       |
| \$300 to \$349 . . . . .                                             | 3,622                | 2,435       | 160         | 572       | 194    | 103    | 82       | 61       | 131        | 456                       |
| \$350 to \$399 . . . . .                                             | 3,630                | 2,587       | 119         | 532       | 202    | 95     | 94       | 55       | 86         | 392                       |
| \$400 to \$449 . . . . .                                             | 3,629                | 2,482       | 179         | 630       | 257    | 116    | 95       | 78       | 84         | 338                       |
| \$450 to \$499 . . . . .                                             | 3,554                | 2,188       | 156         | 872       | 326    | 177    | 157      | 94       | 117        | 338                       |
| \$500 to \$599 . . . . .                                             | 7,708                | 4,319       | 328         | 2,280     | 811    | 512    | 388      | 329      | 240        | 782                       |
| \$600 to \$699 . . . . .                                             | 7,959                | 4,093       | 404         | 2,705     | 872    | 609    | 589      | 398      | 237        | 757                       |
| \$700 to \$799 . . . . .                                             | 8,100                | 4,122       | 432         | 2,883     | 1,004  | 650    | 588      | 382      | 260        | 663                       |
| \$800 to \$999 . . . . .                                             | 13,988               | 7,635       | 883         | 4,653     | 1,500  | 1,038  | 1,014    | 651      | 450        | 816                       |
| \$1,000 to \$1,249 . . . . .                                         | 13,963               | 8,847       | 971         | 3,718     | 1,129  | 717    | 778      | 562      | 532        | 428                       |
| \$1,250 to \$1,499 . . . . .                                         | 10,530               | 7,445       | 758         | 2,132     | 663    | 385    | 422      | 306      | 356        | 196                       |
| \$1,500 to \$1,999 . . . . .                                         | 12,315               | 9,282       | 936         | 1,952     | 633    | 305    | 312      | 242      | 460        | 145                       |
| \$2,000 to \$2,499 . . . . .                                         | 6,481                | 5,255       | 455         | 741       | 266    | 112    | 92       | 83       | 188        | 30                        |
| \$2,500 or more . . . . .                                            | 8,403                | 6,999       | 492         | 821       | 262    | 86     | 51       | 102      | 320        | 91                        |
| No cash rent . . . . .                                               | 2,271                | 1,408       | 170         | 477       | 233    | 91     | 61       | 41       | 52         | 216                       |
| Median (excludes no cash rent) (dollars) . . . . .                   | 927                  | 1,042       | 1,078       | 824       | 810    | 796    | 834      | 838      | 900        | 545                       |

See footnotes at end of table.

Table C-12-AO.

**General Characteristics by Units in Structure—All Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                       | Total occupied units | 1, detached | 1, attached | Multiunit |           |           |           |           |            | Manufactured/ mobile homes |
|-----------------------------------------------------------------------|----------------------|-------------|-------------|-----------|-----------|-----------|-----------|-----------|------------|----------------------------|
|                                                                       |                      |             |             | Total     | 2 to 4    | 5 to 9    | 10 to 19  | 20 to 49  | 50 or more |                            |
| <b>Monthly Housing Costs as Percent of Current Income<sup>5</sup></b> |                      |             |             |           |           |           |           |           |            |                            |
| Less than 5 percent . . . . .                                         | 2,532                | 1,970       | 76          | 250       | 65        | 25        | 40        | 30        | 90         | 236                        |
| 5 to 9 percent . . . . .                                              | 9,815                | 7,724       | 405         | 815       | 287       | 135       | 122       | 104       | 166        | 871                        |
| 10 to 14 percent . . . . .                                            | 12,935               | 9,749       | 641         | 1,660     | 523       | 340       | 312       | 213       | 271        | 885                        |
| 15 to 19 percent . . . . .                                            | 14,358               | 10,628      | 679         | 2,270     | 757       | 428       | 434       | 305       | 347        | 780                        |
| 20 to 24 percent . . . . .                                            | 13,657               | 9,459       | 795         | 2,647     | 795       | 582       | 588       | 312       | 371        | 755                        |
| 25 to 29 percent . . . . .                                            | 11,330               | 7,080       | 775         | 2,860     | 834       | 565       | 562       | 381       | 518        | 614                        |
| 30 to 34 percent . . . . .                                            | 8,543                | 5,144       | 563         | 2,376     | 754       | 499       | 412       | 279       | 431        | 459                        |
| 35 to 39 percent . . . . .                                            | 6,416                | 3,715       | 378         | 1,983     | 683       | 420       | 385       | 271       | 225        | 339                        |
| 40 to 49 percent . . . . .                                            | 8,341                | 4,562       | 599         | 2,679     | 954       | 521       | 515       | 364       | 325        | 502                        |
| 50 to 59 percent . . . . .                                            | 5,214                | 2,806       | 314         | 1,825     | 650       | 351       | 342       | 245       | 237        | 269                        |
| 60 to 69 percent . . . . .                                            | 3,392                | 1,773       | 230         | 1,236     | 420       | 265       | 205       | 193       | 153        | 152                        |
| 70 to 99 percent . . . . .                                            | 5,034                | 2,592       | 372         | 1,729     | 601       | 322       | 310       | 263       | 235        | 341                        |
| 100 percent or more <sup>6</sup> . . . . .                            | 8,676                | 4,213       | 592         | 3,303     | 1,062     | 667       | 529       | 482       | 563        | 567                        |
| Zero or negative income . . . . .                                     | 2,395                | 937         | 153         | 1,101     | 337       | 199       | 216       | 183       | 166        | 203                        |
| No cash rent . . . . .                                                | 2,271                | 1,408       | 170         | 477       | 233       | 91        | 61        | 41        | 52         | 216                        |
| <b>Median (excludes 2 previous lines) (percent) . . . . .</b>         | <b>25</b>            | <b>22</b>   | <b>28</b>   | <b>34</b> | <b>36</b> | <b>34</b> | <b>33</b> | <b>36</b> | <b>31</b>  | <b>24</b>                  |
| <b>Median (excludes 3 lines before medians) (percent) . . . . .</b>   | <b>24</b>            | <b>21</b>   | <b>26</b>   | <b>31</b> | <b>32</b> | <b>31</b> | <b>30</b> | <b>32</b> | <b>29</b>  | <b>21</b>                  |

<sup>1</sup> For manufactured/mobile homes, oldest category is 1939 or earlier.<sup>2</sup> Median is estimated from the printed distribution; see Appendix A.<sup>3</sup> Includes only those who responded they had some type of air conditioning.<sup>4</sup> Figures may not add to total because more than one category may apply to a unit.<sup>5</sup> This item uses current income in its calculation; see Appendix A.<sup>6</sup> May reflect a temporary situation, living off savings, or response error.

Table S-01-AO.

**Health and Safety Characteristics—All Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                             | Total occupied units | Tenure        |               | Housing unit characteristics  |                           | Household characteristics |               |                             |                     | Regions       |               |               |               | Inside MSA    |                  | Outside MSA   |
|-----------------------------------------------------------------------------|----------------------|---------------|---------------|-------------------------------|---------------------------|---------------------------|---------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                                             |                      | Owner         | Renter        | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic      | Elderly (65 years and over) | Below poverty level | North-east    | Mid-west      | South         | West          | Central city  | Not central city |               |
| <b>Total</b>                                                                | <b>114,907</b>       | <b>76,091</b> | <b>38,816</b> | <b>2,571</b>                  | <b>7,190</b>              | <b>14,694</b>             | <b>13,841</b> | <b>25,058</b>               | <b>18,129</b>       | <b>21,066</b> | <b>25,682</b> | <b>42,584</b> | <b>25,575</b> | <b>33,892</b> | <b>58,218</b>    | <b>22,797</b> |
| <b>Health of Household</b>                                                  |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Health of householder:                                                      |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Excellent                                                                   | 39,078               | 25,878        | 13,201        | 1,238                         | 1,594                     | 4,235                     | 4,647         | 4,967                       | 4,646               | 7,356         | 8,607         | 13,870        | 9,246         | 11,921        | 20,595           | 6,562         |
| Very Good                                                                   | 51,992               | 35,572        | 16,419        | 1,009                         | 3,226                     | 6,599                     | 6,127         | 11,512                      | 7,185               | 9,520         | 12,085        | 19,102        | 11,285        | 14,816        | 26,749           | 10,427        |
| Fair                                                                        | 17,044               | 10,395        | 6,649         | 217                           | 1,768                     | 2,849                     | 2,382         | 6,158                       | 4,360               | 3,019         | 3,686         | 6,641         | 3,698         | 5,174         | 7,741            | 4,129         |
| Poor                                                                        | 4,149                | 2,472         | 1,676         | 47                            | 449                       | 621                       | 496           | 1,773                       | 1,423               | 730           | 776           | 1,823         | 821           | 1,271         | 1,758            | 1,119         |
| Not reported                                                                | 2,644                | 1,773         | 871           | 60                            | 154                       | 390                       | 189           | 648                         | 514                 | 442           | 529           | 1,148         | 525           | 710           | 1,374            | 559           |
| <b>Tobacco Smoke Inside the Home</b>                                        |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Households with smokers                                                     | 13,685               | 7,294         | 6,390         | 169                           | 1,751                     | 2,487                     | 1,019         | 2,193                       | 3,617               | 2,553         | 3,802         | 5,639         | 1,691         | 4,308         | 5,886            | 3,490         |
| Households with no smokers                                                  | 99,045               | 67,277        | 31,767        | 2,355                         | 5,314                     | 11,861                    | 12,679        | 22,373                      | 14,118              | 18,165        | 21,424        | 35,973        | 23,482        | 29,045        | 51,188           | 18,812        |
| Visitors smoke                                                              | 2,517                | 1,452         | 1,065         | 22                            | 225                       | 556                       | 248           | 627                         | 663                 | 496           | 735           | 975           | 311           | 782           | 1,111            | 624           |
| No visitors smoke                                                           | 96,475               | 65,802        | 30,674        | 2,333                         | 5,089                     | 11,288                    | 12,421        | 21,734                      | 13,444              | 17,650        | 20,685        | 34,981        | 23,159        | 28,242        | 50,049           | 18,183        |
| Not reported                                                                | 52                   | 24            | 29            | Z                             | Z                         | 17                        | 10            | 12                          | 11                  | 19            | 4             | 17            | 11            | 20            | 28               | 4             |
| Not reported                                                                | 2,178                | 1,520         | 658           | 47                            | 125                       | 346                       | 144           | 493                         | 394                 | 347           | 457           | 972           | 402           | 539           | 1,143            | 495           |
| <b>Secondhand Smoke Entering Home<sup>1</sup></b>                           |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Daily                                                                       | 1,753                | 598           | 1,155         | 32                            | 56                        | 238                       | 402           | 209                         | 389                 | 344           | 305           | 354           | 750           | 729           | 818              | 206           |
| Weekly                                                                      | 2,648                | 1,584         | 1,065         | 71                            | 132                       | 319                       | 366           | 537                         | 492                 | 429           | 502           | 884           | 833           | 875           | 1,242            | 531           |
| Monthly                                                                     | 595                  | 263           | 332           | 7                             | 29                        | 59                        | 109           | 78                          | 128                 | 94            | 101           | 173           | 227           | 239           | 278              | 79            |
| A few times                                                                 | 6,573                | 3,681         | 2,892         | 108                           | 341                       | 931                       | 1,011         | 970                         | 1,084               | 1,159         | 1,409         | 1,955         | 2,050         | 2,286         | 3,338            | 949           |
| Never                                                                       | 84,760               | 59,615        | 25,145        | 2,114                         | 4,524                     | 9,717                     | 10,519        | 19,913                      | 11,328              | 15,598        | 18,322        | 31,579        | 19,261        | 24,051        | 44,306           | 16,404        |
| Not reported                                                                | 146                  | 60            | 85            | 2                             | 8                         | 24                        | 13            | 26                          | 23                  | 26            | 47            | 36            | 38            | 62            | 69               | 15            |
| <b>Child Health and Safety</b>                                              |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Children younger than 5 live in or regularly visit household                |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
|                                                                             | 29,670               | 18,801        | 10,870        | 860                           | 2,100                     | 4,591                     | 5,218         | 3,403                       | 5,845               | 4,926         | 6,659         | 11,392        | 6,694         | 8,629         | 15,080           | 5,961         |
| All electrical outlets covered                                              |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
|                                                                             | 8,885                | 5,687         | 3,198         | 333                           | 544                       | 1,331                     | 1,633         | 819                         | 1,622               | 1,709         | 1,937         | 3,332         | 1,907         | 2,725         | 4,460            | 1,700         |
| Some electrical outlets covered                                             |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
|                                                                             | 8,934                | 6,180         | 2,754         | 198                           | 625                       | 1,262                     | 1,392         | 849                         | 1,498               | 1,488         | 2,101         | 3,344         | 2,000         | 2,427         | 4,735            | 1,772         |
| Electrical outlets not covered                                              |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
|                                                                             | 11,571               | 6,768         | 4,802         | 316                           | 915                       | 1,941                     | 2,160         | 1,708                       | 2,643               | 1,680         | 2,568         | 4,606         | 2,716         | 3,405         | 5,727            | 2,439         |
| Not reported                                                                |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
|                                                                             | 281                  | 166           | 116           | 12                            | 16                        | 57                        | 33            | 27                          | 82                  | 48            | 52            | 110           | 71            | 73            | 158              | 51            |
| Chemicals, pesticides, cleaning supplies and medicines stored out of reach: |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| All                                                                         |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
|                                                                             | 23,658               | 14,799        | 8,859         | 670                           | 1,751                     | 3,876                     | 4,173         | 2,615                       | 4,782               | 4,030         | 5,293         | 9,088         | 5,247         | 6,986         | 11,920           | 4,751         |
| Some                                                                        |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
|                                                                             | 3,625                | 2,566         | 1,059         | 116                           | 191                       | 331                       | 492           | 457                         | 480                 | 469           | 921           | 1,295         | 941           | 948           | 1,879            | 799           |
| None                                                                        |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
|                                                                             | 2,128                | 1,290         | 838           | 62                            | 143                       | 324                       | 523           | 310                         | 508                 | 379           | 397           | 895           | 457           | 639           | 1,114            | 374           |
| Not Reported                                                                |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
|                                                                             | 260                  | 146           | 113           | 12                            | 16                        | 59                        | 29            | 21                          | 74                  | 49            | 48            | 114           | 49            | 55            | 167              | 37            |
| Households with children 6 to 17 years of age                               |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
|                                                                             | 28,786               | 18,947        | 9,839         | 683                           | 1,862                     | 4,498                     | 5,432         | 823                         | 5,607               | 4,935         | 6,198         | 10,925        | 6,727         | 7,993         | 15,544           | 5,249         |
| Diagnosed with asthma                                                       |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
|                                                                             | 5,517                | 3,263         | 2,255         | 113                           | 415                       | 1,229                     | 972           | 146                         | 1,429               | 1,005         | 1,156         | 2,128         | 1,229         | 1,648         | 2,873            | 997           |
| Visited emergency room in past 12 months because of asthma                  |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
|                                                                             | 625                  | 277           | 348           | 8                             | 55                        | 199                       | 143           | 14                          | 207                 | 125           | 121           | 246           | 132           | 241           | 255              | 129           |
| Did not visit emergency room in past 12 months because of asthma            |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
|                                                                             | 4,540                | 2,806         | 1,733         | 98                            | 345                       | 933                       | 752           | 117                         | 1,074               | 811           | 949           | 1,766         | 1,013         | 1,281         | 2,450            | 809           |
| Not reported                                                                |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
|                                                                             | 353                  | 179           | 174           | 8                             | 15                        | 98                        | 77            | 16                          | 148                 | 69            | 86            | 115           | 83            | 126           | 168              | 59            |
| Has taken daily medicines for asthma in the past 12 months                  |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
|                                                                             | 2,004                | 1,136         | 868           | 37                            | 133                       | 507                       | 349           | 46                          | 539                 | 394           | 391           | 813           | 406           | 617           | 1,002            | 384           |
| Has not taken daily medicines for asthma in the past 12 months              |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
|                                                                             | 3,155                | 1,938         | 1,216         | 68                            | 264                       | 626                       | 546           | 85                          | 736                 | 539           | 678           | 1,199         | 739           | 905           | 1,700            | 550           |
| Not reported                                                                |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
|                                                                             | 359                  | 188           | 171           | 8                             | 18                        | 96                        | 78            | 16                          | 153                 | 72            | 87            | 116           | 84            | 125           | 171              | 63            |
| Not diagnosed with asthma                                                   |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
|                                                                             | 22,393               | 15,073        | 7,321         | 541                           | 1,396                     | 3,133                     | 4,352         | 644                         | 4,001               | 3,766         | 4,872         | 8,453         | 5,303         | 6,103         | 12,176           | 4,114         |
| Not reported                                                                |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
|                                                                             | 875                  | 611           | 264           | 28                            | 50                        | 136                       | 107           | 33                          | 178                 | 164           | 171           | 345           | 196           | 242           | 495              | 138           |
| <b>Water Temperature</b>                                                    |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Householder has access to water heating unit                                |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
|                                                                             | 101,640              | 74,886        | 26,754        | 2,348                         | 7,190                     | 11,810                    | 11,077        | 22,541                      | 14,202              | 16,376        | 23,087        | 39,641        | 22,536        | 26,445        | 53,284           | 21,911        |
| Has checked temperature of hot water                                        |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
|                                                                             | 35,797               | 26,787        | 9,009         | 955                           | 2,142                     | 4,442                     | 3,037         | 8,299                       | 4,845               | 7,039         | 7,475         | 13,533        | 7,750         | 9,256         | 19,060           | 7,480         |
| Has never checked temperature of hot water                                  |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
|                                                                             | 62,281               | 45,648        | 16,633        | 1,343                         | 4,849                     | 6,939                     | 7,746         | 13,440                      | 8,803               | 8,689         | 14,832        | 24,727        | 14,034        | 16,309        | 32,311           | 13,661        |
| Not reported                                                                |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
|                                                                             | 3,562                | 2,450         | 1,112         | 50                            | 200                       | 429                       | 294           | 802                         | 554                 | 649           | 779           | 1,382         | 752           | 879           | 1,913            | 770           |
| Household does not have access to water heating unit                        |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
|                                                                             | 11,335               | 1,052         | 10,283        | 150                           | Z                         | 2,418                     | 2,388         | 2,147                       | 3,321               | 4,272         | 2,254         | 2,304         | 2,506         | 6,430         | 4,134            | 771           |
| Not reported                                                                |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
|                                                                             | 1,932                | 154           | 1,779         | 73                            | Z                         | 467                       | 376           | 370                         | 606                 | 418           | 342           | 639           | 534           | 1,018         | 800              | 114           |

See footnotes at end of table.

Table S-01-AO.

**Health and Safety Characteristics—All Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                              | Total occupied units | Tenure |        | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |          |        |        | Inside MSA   |                  |        | Outside MSA |
|--------------------------------------------------------------|----------------------|--------|--------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|----------|--------|--------|--------------|------------------|--------|-------------|
|                                                              |                      | Owner  | Renter | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Mid-west | South  | West   | Central city | Not central city |        |             |
|                                                              |                      |        |        |                               |                           |                           |          |                             |                     |            |          |        |        |              |                  |        |             |
| <b>Stairs</b>                                                |                      |        |        |                               |                           |                           |          |                             |                     |            |          |        |        |              |                  |        |             |
| Stairs present inside home²                                  | 53,862               | 43,710 | 10,152 | 1,352                         | 347                       | 5,648                     | 3,559    | 11,236                      | 5,234               | 13,617     | 17,028   | 14,379 | 8,838  | 13,342       | 30,242           | 10,277 |             |
| All railings firmly attached                                 | 49,331               | 40,408 | 8,923  | 1,306                         | 255                       | 5,118                     | 3,148    | 10,451                      | 4,541               | 12,673     | 15,490   | 13,079 | 8,090  | 12,104       | 28,253           | 8,975  |             |
| Broken or missing railings present                           | 1,495                | 1,113  | 382    | 22                            | 1                         | 189                       | 118      | 259                         | 202                 | 440        | 488      | 332    | 235    | 491          | 767              | 236    |             |
| Steps missing or broken                                      | 698                  | 493    | 205    | 16                            | 19                        | 96                        | 59       | 128                         | 111                 | 232        | 182      | 200    | 85     | 214          | 342              | 143    |             |
| Steps have some form of nonslip covering                     | 34,929               | 28,599 | 6,330  | 929                           | 110                       | 3,383                     | 2,198    | 7,301                       | 3,047               | 8,382      | 11,678   | 8,446  | 6,422  | 8,400        | 20,358           | 6,170  |             |
| All stairs sufficiently illuminated                          | 51,474               | 41,956 | 9,518  | 1,293                         | 290                       | 5,334                     | 3,335    | 10,770                      | 4,861               | 13,043     | 16,399   | 13,577 | 8,456  | 12,722       | 29,068           | 9,684  |             |
| All stairs gated³                                            | 3,503                | 2,801  | 702    | 170                           | 15                        | 261                       | 269      | 229                         | 280                 | 914        | 1,131    | 806    | 652    | 791          | 2,024            | 687    |             |
| No stairs present inside home                                | 59,424               | 31,181 | 28,243 | 1,185                         | 6,751                     | 8,810                     | 10,156   | 13,438                      | 12,591              | 7,198      | 8,294    | 27,514 | 16,418 | 20,191       | 27,137           | 12,096 |             |
| Not reported                                                 | 1,621                | 1,200  | 420    | 35                            | 92                        | 236                       | 126      | 384                         | 304                 | 251        | 360      | 691    | 319    | 359          | 839              | 423    |             |
| <b>Potential Winter Heating Hazards</b>                      |                      |        |        |                               |                           |                           |          |                             |                     |            |          |        |        |              |                  |        |             |
| Ever used in winter to heat home²                            | 17,703               | 12,522 | 5,180  | 169                           | 1,554                     | 2,675                     | 1,699    | 3,732                       | 2,849               | 3,103      | 4,462    | 6,209  | 3,929  | 5,235        | 8,353            | 4,114  |             |
| Gas oven with an open door                                   | 1,327                | 704    | 622    | 3                             | 161                       | 431                       | 209      | 275                         | 405                 | 285        | 341      | 488    | 213    | 571          | 486              | 270    |             |
| Kerosene space heater                                        | 1,930                | 1,526  | 403    | 31                            | 271                       | 291                       | 91       | 403                         | 388                 | 339        | 468      | 954    | 168    | 351          | 912              | 667    |             |
| Electric space heater                                        | 15,081               | 10,723 | 4,358  | 138                           | 1,214                     | 2,154                     | 1,467    | 3,166                       | 2,234               | 2,612      | 3,784    | 5,080  | 3,606  | 4,549        | 7,198            | 3,334  |             |
| Outdoor wood fire broiler                                    | 222                  | 201    | 21     | 3                             | 25                        | 7                         | 7        | 28                          | 32                  | 58         | 97       | 45     | 21     | 20           | 81               | 121    |             |
| <b>Safety Equipment</b>                                      |                      |        |        |                               |                           |                           |          |                             |                     |            |          |        |        |              |                  |        |             |
| Smoke detectors:                                             |                      |        |        |                               |                           |                           |          |                             |                     |            |          |        |        |              |                  |        |             |
| Working smoke detector                                       | 106,733              | 70,801 | 35,932 | 2,481                         | 6,479                     | 13,521                    | 12,273   | 22,811                      | 16,048              | 20,034     | 24,233   | 38,595 | 23,871 | 31,628       | 54,514           | 20,591 |             |
| Powered by:                                                  |                      |        |        |                               |                           |                           |          |                             |                     |            |          |        |        |              |                  |        |             |
| Electricity                                                  | 7,167                | 4,506  | 2,661  | 188                           | 692                       | 852                       | 876      | 2,013                       | 1,164               | 1,471      | 1,400    | 2,716  | 1,581  | 2,181        | 3,759            | 1,228  |             |
| Batteries                                                    | 64,186               | 40,094 | 24,092 | 719                           | 3,451                     | 9,257                     | 8,558    | 13,921                      | 11,044              | 12,420     | 15,482   | 22,088 | 14,197 | 20,570       | 30,412           | 13,204 |             |
| Both                                                         | 34,053               | 25,763 | 8,290  | 1,528                         | 2,313                     | 3,230                     | 2,704    | 6,535                       | 3,551               | 5,897      | 7,127    | 13,293 | 7,736  | 8,415        | 19,632           | 6,006  |             |
| Not reported                                                 | 1,327                | 438    | 890    | 47                            | 23                        | 182                       | 134      | 341                         | 290                 | 246        | 224      | 499    | 358    | 463          | 711              | 153    |             |
| No working smoke detector                                    | 6,067                | 3,824  | 2,242  | 47                            | 578                       | 856                       | 1,408    | 1,725                       | 1,668               | 743        | 1,020    | 3,021  | 1,282  | 1,759        | 2,630            | 1,678  |             |
| Not reported                                                 | 2,108                | 1,466  | 641    | 42                            | 133                       | 317                       | 161      | 523                         | 413                 | 289        | 429      | 967    | 422    | 506          | 1,074            | 528    |             |
| Batteries replaced in last 6 months⁴                         | 72,731               | 48,895 | 23,836 | 1,587                         | 4,175                     | 9,359                     | 8,627    | 14,983                      | 11,082              | 14,439     | 17,105   | 25,964 | 15,222 | 21,184       | 37,279           | 14,268 |             |
| Batteries not replaced in last 6 months⁴                     | 23,343               | 16,190 | 7,154  | 612                           | 1,501                     | 2,864                     | 2,376    | 5,100                       | 3,064               | 3,543      | 5,007    | 8,674  | 6,118  | 7,016        | 11,776           | 4,552  |             |
| Not reported⁴                                                | 2,165                | 772    | 1,393  | 48                            | 88                        | 264                       | 259      | 373                         | 449                 | 335        | 496      | 742    | 592    | 784          | 990              | 390    |             |
| Carbon monoxide detectors:                                   |                      |        |        |                               |                           |                           |          |                             |                     |            |          |        |        |              |                  |        |             |
| Working carbon monoxide detector                             | 47,841               | 35,215 | 12,626 | 1,199                         | 1,775                     | 5,559                     | 4,093    | 10,242                      | 5,704               | 13,840     | 13,862   | 11,567 | 8,573  | 13,600       | 25,446           | 8,795  |             |
| Powered by:                                                  |                      |        |        |                               |                           |                           |          |                             |                     |            |          |        |        |              |                  |        |             |
| Electricity                                                  | 9,053                | 7,248  | 1,805  | 142                           | 339                       | 824                       | 623      | 2,480                       | 942                 | 2,270      | 3,367    | 2,014  | 1,401  | 2,286        | 4,961            | 1,806  |             |
| Batteries                                                    | 23,364               | 15,895 | 7,470  | 301                           | 968                       | 3,299                     | 2,478    | 4,878                       | 3,330               | 7,437      | 6,179    | 5,555  | 4,193  | 7,555        | 11,418           | 4,391  |             |
| Both                                                         | 14,916               | 11,810 | 3,105  | 740                           | 462                       | 1,378                     | 957      | 2,782                       | 1,331               | 3,965      | 4,186    | 3,882  | 2,883  | 3,575        | 8,798            | 2,543  |             |
| Not reported                                                 | 509                  | 262    | 247    | 16                            | 7                         | 57                        | 35       | 102                         | 102                 | 168        | 130      | 116    | 95     | 185          | 269              | 55     |             |
| No working carbon monoxide detector                          | 63,049               | 38,801 | 24,248 | 1,235                         | 5,259                     | 8,573                     | 9,297    | 13,944                      | 11,633              | 6,549      | 11,014   | 29,478 | 16,009 | 19,055       | 30,750           | 13,244 |             |
| Not reported                                                 | 4,017                | 2,076  | 1,941  | 137                           | 156                       | 563                       | 451      | 873                         | 792                 | 677        | 807      | 1,539  | 994    | 1,238        | 2,022            | 758    |             |
| Batteries replaced in last 6 months⁴                         | 29,285               | 20,760 | 8,526  | 721                           | 1,105                     | 3,693                     | 2,814    | 5,700                       | 3,650               | 9,064      | 7,877    | 7,237  | 5,108  | 8,543        | 15,458           | 5,285  |             |
| Batteries not replaced in last 6 months⁴                     | 8,463                | 6,667  | 1,795  | 305                           | 310                       | 935                       | 559      | 1,870                       | 933                 | 2,173      | 2,342    | 2,101  | 1,847  | 2,437        | 4,437            | 1,589  |             |
| Not reported⁴                                                | 532                  | 278    | 254    | 15                            | 14                        | 49                        | 62       | 90                          | 78                  | 165        | 146      | 99     | 122    | 150          | 321              | 60     |             |
| Fire extinguisher purchased or recharged in the last 2 years | 49,486               | 35,985 | 13,501 | 1,191                         | 3,163                     | 5,595                     | 4,573    | 10,026                      | 6,407               | 9,318      | 11,149   | 18,920 | 10,099 | 12,896       | 26,234           | 10,356 |             |
| Sprinkler system inside home                                 | 5,791                | 2,125  | 3,666  | 527                           | 74                        | 960                       | 679      | 1,399                       | 1,111               | 975        | 905      | 2,053  | 1,859  | 2,413        | 2,969            | 410    |             |
| <b>Extension Cords</b>                                       |                      |        |        |                               |                           |                           |          |                             |                     |            |          |        |        |              |                  |        |             |
| Extension cords used                                         | 65,581               | 43,164 | 22,417 | 1,237                         | 3,504                     | 9,059                     | 7,773    | 13,777                      | 10,106              | 12,672     | 14,452   | 22,642 | 15,815 | 20,760       | 33,275           | 11,546 |             |
| Extension cords are cracked or worn                          | 2,810                | 1,635  | 1,175  | 42                            | 110                       | 398                       | 484      | 532                         | 591                 | 760        | 624      | 788    | 637    | 925          | 1,483            | 402    |             |
| Extension cords are not cracked or worn                      | 62,723               | 41,503 | 21,220 | 1,195                         | 3,390                     | 8,649                     | 7,284    | 13,230                      | 9,503               | 11,905     | 13,813   | 21,837 | 15,168 | 19,825       | 31,766           | 11,132 |             |
| Not reported                                                 | 48                   | 25     | 23     | Z                             | 3                         | 12                        | 6        | 16                          | 12                  | 7          | 15       | 17     | 9      | 11           | 25               | 12     |             |
| Extension cords not used                                     | 46,938               | 31,308 | 15,630 | 1,285                         | 3,553                     | 5,264                     | 5,896    | 10,721                      | 7,546               | 8,001      | 10,743   | 18,892 | 9,302  | 12,557       | 23,677           | 10,704 |             |
| Not reported                                                 | 2,388                | 1,619  | 769    | 48                            | 134                       | 372                       | 172      | 560                         | 478                 | 393        | 488      | 1,049  | 458    | 575          | 1,266            | 547    |             |
| <b>Pool Safety</b>                                           |                      |        |        |                               |                           |                           |          |                             |                     |            |          |        |        |              |                  |        |             |
| Pool on property                                             | 18,067               | 9,667  | 8,401  | 432                           | 698                       | 2,121                     | 2,440    | 2,634                       | 2,400               | 2,590      | 2,551    | 7,765  | 5,162  | 5,447        | 10,971           | 1,650  |             |
| With fence completely surrounding pool⁵                      | 6,568                | 5,661  | 908    | 142                           | 488                       | 332                       | 607      | 1,201                       | 467                 | 1,401      | 837      | 2,707  | 1,623  | 1,378        | 4,467            | 723    |             |
| Without fence completely surrounding pool⁵                   | 3,016                | 2,699  | 317    | 38                            | 209                       | 89                        | 312      | 412                         | 256                 | 435        | 555      | 1,172  | 853    | 614          | 1,752            | 650    |             |
| Fence not reported⁵                                          | 57                   | 36     | 20     | 1                             | 2                         | 5                         | Z        | 8                           | 12                  | 10         | 8        | 24     | 15     | 19           | 30               | 7      |             |
| No pool on property                                          | 95,143               | 65,175 | 29,968 | 2,102                         | 6,397                     | 12,339                    | 11,280   | 21,993                      | 15,401              | 18,199     | 22,743   | 34,131 | 20,069 | 28,070       | 46,331           | 20,741 |             |
| Not reported                                                 | 1,697                | 1,250  | 447    | 38                            | 95                        | 234                       | 121      | 431                         | 327                 | 277        | 388      | 687    | 345    | 376          | 916              | 405    |             |

See footnotes at end of table.

Table S-01-AO.

**Health and Safety Characteristics—All Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                  | Total<br>occu-<br>pied<br>units | Tenure |        | Housing unit<br>characteristics                  |                                            | Household characteristics |               |                                         |                           | Regions        |              |        |        | Inside MSA      |                        | Out-<br>side<br>MSA |
|------------------------------------------------------------------|---------------------------------|--------|--------|--------------------------------------------------|--------------------------------------------|---------------------------|---------------|-----------------------------------------|---------------------------|----------------|--------------|--------|--------|-----------------|------------------------|---------------------|
|                                                                  |                                 | Owner  | Renter | New<br>con-<br>struc-<br>tion<br>past 4<br>years | Manu-<br>fac-<br>tured/<br>mobile<br>homes | Black<br>alone            | His-<br>panic | Elderly<br>(65<br>years<br>and<br>over) | Below<br>poverty<br>level | North-<br>east | Mid-<br>west | South  | West   | Central<br>city | Not<br>central<br>city |                     |
|                                                                  |                                 |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |        |        |                 |                        |                     |
| <b>Mold</b>                                                      |                                 |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |        |        |                 |                        |                     |
| Housing units with mold in last 12 months <sup>2</sup> . . . . . | 4,023                           | 2,015  | 2,008  | 26                                               | 294                                        | 708                       | 688           | 481                                     | 1,005                     | 1,077          | 855          | 1,214  | 877    | 1,419           | 1,878                  | 726                 |
| Kitchen . . . . .                                                | 569                             | 213    | 356    | 4                                                | 66                                         | 130                       | 84            | 57                                      | 168                       | 111            | 105          | 202    | 152    | 214             | 270                    | 85                  |
| Bathroom(s) . . . . .                                            | 1,823                           | 683    | 1,141  | 9                                                | 150                                        | 337                       | 400           | 155                                     | 534                       | 419            | 320          | 593    | 491    | 746             | 753                    | 325                 |
| Bedroom(s) . . . . .                                             | 884                             | 378    | 506    | 6                                                | 116                                        | 159                       | 195           | 108                                     | 298                       | 201            | 135          | 273    | 276    | 338             | 408                    | 138                 |
| Living room . . . . .                                            | 519                             | 219    | 300    | 5                                                | 62                                         | 104                       | 97            | 71                                      | 168                       | 116            | 93           | 197    | 112    | 176             | 256                    | 86                  |
| Basement . . . . .                                               | 818                             | 611    | 207    | Z                                                | Z                                          | 122                       | 42            | 134                                     | 127                       | 342            | 307          | 127    | 42     | 194             | 423                    | 202                 |
| Other room . . . . .                                             | 476                             | 277    | 200    | 12                                               | 37                                         | 71                        | 52            | 69                                      | 102                       | 129            | 109          | 147    | 92     | 132             | 257                    | 88                  |
| Mold not present . . . . .                                       | 108,980                         | 72,817 | 36,163 | 2,510                                            | 6,774                                      | 13,698                    | 12,983        | 24,109                                  | 16,719                    | 19,694         | 24,400       | 40,566 | 24,319 | 31,978          | 55,384                 | 21,618              |
| Not reported . . . . .                                           | 1,904                           | 1,259  | 645    | 35                                               | 122                                        | 289                       | 171           | 468                                     | 404                       | 294            | 428          | 803    | 379    | 495             | 956                    | 453                 |
| <b>Musty Smells</b>                                              |                                 |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |        |        |                 |                        |                     |
| Housing units with musty smells in last 12 months . . . . .      | 18,147                          | 11,238 | 6,909  | 291                                              | 1,155                                      | 2,529                     | 2,116         | 3,566                                   | 3,535                     | 3,704          | 4,510        | 6,385  | 3,548  | 5,568           | 8,817                  | 3,762               |
| Daily . . . . .                                                  | 1,812                           | 772    | 1,040  | 16                                               | 124                                        | 320                       | 256           | 215                                     | 553                       | 487            | 404          | 542    | 379    | 650             | 765                    | 397                 |
| Weekly . . . . .                                                 | 8,102                           | 5,235  | 2,867  | 209                                              | 586                                        | 1,090                     | 1,002         | 1,876                                   | 1,505                     | 1,313          | 1,673        | 3,419  | 1,697  | 2,415           | 4,093                  | 1,594               |
| Monthly . . . . .                                                | 660                             | 354    | 306    | 3                                                | 23                                         | 100                       | 90            | 85                                      | 158                       | 153            | 176          | 184    | 147    | 236             | 328                    | 96                  |
| A few times . . . . .                                            | 7,573                           | 4,877  | 2,696  | 62                                               | 421                                        | 1,020                     | 768           | 1,390                                   | 1,319                     | 1,751          | 2,257        | 2,240  | 1,325  | 2,266           | 3,631                  | 1,676               |
| Musty smells not present . . . . .                               | 94,843                          | 63,563 | 31,280 | 2,244                                            | 5,916                                      | 11,885                    | 11,571        | 21,033                                  | 14,216                    | 17,060         | 20,765       | 35,374 | 21,643 | 27,837          | 48,436                 | 18,570              |
| Not reported . . . . .                                           | 1,917                           | 1,291  | 626    | 37                                               | 119                                        | 280                       | 154           | 459                                     | 378                       | 301            | 407          | 825    | 384    | 488             | 965                    | 465                 |

<sup>1</sup> Asked only of nonsmoker households reporting "no visitors smoke."<sup>2</sup> Figures may not add to total because more than one category may apply to a unit.<sup>3</sup> Asked only of households with children younger than 5 years of age.<sup>4</sup> Restricted to units with detector powered by both electricity and batteries, or batteries only.<sup>5</sup> Asked only of detached/attached single units and mobile homes. Fence only counted if it is at least 4-feet tall with a gate that closes and locks automatically.

Table S-02-AO.

**Disabilities and Home Accessibility—All Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                           | Total occupied units | Tenure        |               | Housing unit characteristics  |                           | Household characteristics |               |                             |                     | Regions       |               |               |               | Inside MSA    |                  |               |
|-----------------------------------------------------------|----------------------|---------------|---------------|-------------------------------|---------------------------|---------------------------|---------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                           |                      | Owner         | Renter        | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic      | Elderly (65 years and over) | Below poverty level | North-east    | Mid-west      | South         | West          | Central city  | Not central city | Outside MSA   |
| <b>Total</b> .....                                        | <b>114,907</b>       | <b>76,091</b> | <b>38,816</b> | <b>2,571</b>                  | <b>7,190</b>              | <b>14,694</b>             | <b>13,841</b> | <b>25,058</b>               | <b>18,129</b>       | <b>21,066</b> | <b>25,682</b> | <b>42,584</b> | <b>25,575</b> | <b>33,892</b> | <b>58,218</b>    | <b>22,797</b> |
| <b>Hearing Disabilities</b>                               |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| With hearing disability .....                             | 6,123                | 4,544         | 1,580         | 79                            | 581                       | 426                       | 467           | 3,377                       | 1,080               | 1,027         | 1,421         | 2,379         | 1,296         | 1,464         | 3,028            | 1,631         |
| No hearing disability .....                               | 106,533              | 69,993        | 36,540        | 2,452                         | 6,477                     | 13,952                    | 13,222        | 21,103                      | 16,623              | 19,687        | 23,796        | 39,213        | 23,836        | 31,846        | 54,040           | 20,646        |
| Not reported .....                                        | 2,251                | 1,555         | 697           | 40                            | 132                       | 316                       | 152           | 579                         | 426                 | 352           | 465           | 991           | 443           | 582           | 1,149            | 520           |
| <b>Vision Disabilities</b>                                |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| With vision disability .....                              | 3,603                | 2,211         | 1,392         | 34                            | 398                       | 587                       | 411           | 1,608                       | 990                 | 646           | 704           | 1,458         | 795           | 1,067         | 1,684            | 852           |
| No vision disability .....                                | 109,020              | 72,295        | 36,725        | 2,491                         | 6,657                     | 13,783                    | 13,276        | 22,852                      | 16,706              | 20,060        | 24,508        | 40,127        | 24,326        | 32,233        | 55,368           | 21,419        |
| Not reported .....                                        | 2,285                | 1,586         | 699           | 47                            | 135                       | 324                       | 154           | 598                         | 433                 | 360           | 470           | 999           | 455           | 592           | 1,167            | 526           |
| <b>Mental Disabilities<sup>1</sup></b>                    |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| With mental disability .....                              | 6,334                | 3,679         | 2,656         | 113                           | 563                       | 853                       | 708           | 2,078                       | 1,888               | 1,106         | 1,433         | 2,367         | 1,428         | 1,837         | 2,956            | 1,541         |
| No mental disability .....                                | 106,354              | 70,862        | 35,492        | 2,422                         | 6,497                     | 13,535                    | 12,993        | 22,365                      | 15,824              | 19,622        | 23,776        | 39,271        | 23,685        | 31,466        | 54,141           | 20,746        |
| Not reported .....                                        | 2,219                | 1,550         | 669           | 37                            | 130                       | 307                       | 141           | 615                         | 417                 | 338           | 474           | 946           | 462           | 589           | 1,121            | 510           |
| <b>Physical Disabilities<sup>1</sup></b>                  |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| With physical disability .....                            | 12,445               | 8,100         | 4,346         | 170                           | 1,180                     | 1,824                     | 1,101         | 6,386                       | 3,134               | 2,339         | 2,783         | 4,785         | 2,538         | 3,770         | 5,595            | 3,080         |
| No physical disability .....                              | 100,266              | 66,447        | 33,819        | 2,365                         | 5,877                     | 12,568                    | 12,609        | 18,042                      | 14,596              | 18,381        | 22,436        | 36,855        | 22,594        | 29,552        | 51,512           | 19,202        |
| Not reported .....                                        | 2,196                | 1,545         | 651           | 36                            | 133                       | 301                       | 132           | 630                         | 398                 | 346           | 463           | 943           | 444           | 571           | 1,111            | 514           |
| <b>Self-Care Disabilities<sup>1</sup></b>                 |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| With self-care disability .....                           | 3,346                | 2,189         | 1,157         | 41                            | 294                       | 546                       | 386           | 1,600                       | 886                 | 610           | 671           | 1,302         | 763           | 1,060         | 1,508            | 778           |
| No self-care disability .....                             | 109,353              | 72,359        | 36,994        | 2,494                         | 6,763                     | 13,837                    | 13,311        | 22,836                      | 16,843              | 20,104        | 24,552        | 40,339        | 24,357        | 32,258        | 55,588           | 21,507        |
| Not reported .....                                        | 2,208                | 1,544         | 665           | 36                            | 133                       | 311                       | 144           | 622                         | 400                 | 351           | 460           | 942           | 455           | 574           | 1,123            | 512           |
| <b>Go-Outside-Home Disabilities<sup>1</sup></b>           |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| With go-outside-home disability .....                     | 7,004                | 4,516         | 2,488         | 71                            | 690                       | 977                       | 667           | 3,568                       | 1,852               | 1,347         | 1,517         | 2,618         | 1,522         | 2,102         | 3,276            | 1,627         |
| No go-outside-home disability .....                       | 105,980              | 70,257        | 35,723        | 2,472                         | 6,380                     | 13,440                    | 13,052        | 20,893                      | 15,941              | 19,413        | 23,777        | 39,143        | 23,647        | 31,299        | 53,973           | 20,708        |
| Not reported .....                                        | 1,923                | 1,318         | 605           | 28                            | 120                       | 277                       | 122           | 597                         | 336                 | 306           | 388           | 822           | 406           | 492           | 970              | 462           |
| <b>Motor Skill Problems Reported<sup>2,3</sup></b>        |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Stooping or kneeling .....                                | 11,262               | 7,485         | 3,777         | 134                           | 1,080                     | 1,533                     | 987           | 5,739                       | 2,746               | 2,064         | 2,555         | 4,236         | 2,407         | 3,222         | 5,087            | 2,952         |
| Reaching above head .....                                 | 4,315                | 2,731         | 1,583         | 47                            | 420                       | 687                       | 436           | 2,012                       | 1,189               | 796           | 890           | 1,666         | 962           | 1,289         | 1,939            | 1,086         |
| Grasping objects .....                                    | 3,910                | 2,571         | 1,338         | 43                            | 393                       | 546                       | 374           | 1,780                       | 978                 | 641           | 853           | 1,517         | 899           | 1,102         | 1,757            | 1,051         |
| <b>Mobility Devices</b>                                   |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Mobility device used <sup>2</sup> .....                   | 12,155               | 8,022         | 4,134         | 178                           | 997                       | 1,880                     | 1,199         | 5,945                       | 2,700               | 2,256         | 2,728         | 4,474         | 2,698         | 3,603         | 5,804            | 2,748         |
| Manually operated wheelchair .....                        | 1,798                | 1,231         | 566           | 21                            | 130                       | 286                       | 171           | 966                         | 404                 | 307           | 363           | 737           | 390           | 534           | 856              | 408           |
| Motorized wheelchair, cart, or scooter .....              | 3,384                | 2,128         | 1,256         | 92                            | 199                       | 535                       | 410           | 917                         | 573                 | 471           | 756           | 1,328         | 828           | 979           | 1,701            | 703           |
| Chairlift .....                                           | 415                  | 338           | 77            | 4                             | 29                        | 42                        | 10            | 273                         | 74                  | 110           | 87            | 156           | 61            | 69            | 210              | 135           |
| Crutches .....                                            | 457                  | 274           | 183           | 9                             | 43                        | 90                        | 62            | 144                         | 135                 | 78            | 104           | 156           | 118           | 147           | 203              | 106           |
| Cane or walker .....                                      | 7,971                | 5,362         | 2,609         | 96                            | 711                       | 1,231                     | 691           | 4,851                       | 1,864               | 1,606         | 1,802         | 2,871         | 1,692         | 2,388         | 3,679            | 1,904         |
| Other .....                                               | 753                  | 474           | 279           | 6                             | 47                        | 116                       | 64            | 240                         | 140                 | 144           | 185           | 249           | 175           | 262           | 350              | 141           |
| Mobility device not used .....                            | 100,491              | 66,484        | 34,007        | 2,350                         | 6,059                     | 12,488                    | 12,484        | 18,507                      | 14,994              | 18,454        | 22,484        | 37,140        | 22,413        | 29,710        | 51,244           | 19,536        |
| Not reported .....                                        | 2,261                | 1,586         | 675           | 43                            | 134                       | 326                       | 159           | 606                         | 435                 | 356           | 471           | 969           | 465           | 578           | 1,170            | 513           |
| <b>Home Accessibility Problems Reported<sup>2,3</sup></b> |                      |               |               |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Reaching kitchen cabinets .....                           | 5,946                | 3,779         | 2,167         | 95                            | 436                       | 680                       | 716           | 2,453                       | 1,375               | 1,103         | 1,375         | 2,032         | 1,436         | 1,816         | 2,982            | 1,148         |
| Opening kitchen cabinets .....                            | 2,336                | 1,472         | 864           | 35                            | 180                       | 341                       | 330           | 993                         | 519                 | 408           | 445           | 926           | 558           | 802           | 1,120            | 414           |
| Use of kitchen counters .....                             | 1,028                | 696           | 332           | 6                             | 91                        | 160                       | 138           | 548                         | 232                 | 192           | 177           | 466           | 193           | 385           | 461              | 182           |
| Use of stove .....                                        | 1,455                | 985           | 469           | 14                            | 137                       | 220                       | 200           | 623                         | 322                 | 289           | 287           | 584           | 295           | 478           | 718              | 258           |
| Getting to the bathroom .....                             | 1,442                | 954           | 488           | 26                            | 104                       | 245                       | 180           | 753                         | 370                 | 280           | 261           | 618           | 284           | 533           | 630              | 279           |
| Turning faucets on and off .....                          | 937                  | 616           | 320           | 7                             | 74                        | 170                       | 125           | 473                         | 249                 | 186           | 144           | 411           | 196           | 342           | 408              | 187           |
| Using the sink .....                                      | 912                  | 612           | 300           | 11                            | 70                        | 160                       | 125           | 457                         | 236                 | 173           | 157           | 393           | 190           | 332           | 402              | 178           |
| Getting into or out of the bathtub .....                  | 4,340                | 2,924         | 1,416         | 42                            | 395                       | 654                       | 403           | 2,398                       | 1,037               | 815           | 937           | 1,677         | 911           | 1,343         | 1,948            | 1,049         |
| Getting into or out of the walk-in shower .....           | 2,219                | 1,411         | 808           | 18                            | 170                       | 382                       | 286           | 1,155                       | 574                 | 449           | 417           | 887           | 465           | 788           | 981              | 450           |

See footnotes at end of table.

Table S-02-AO.

**Disabilities and Home Accessibility—All Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                      | Total<br>occu-<br>pied<br>units | Tenure |        | Housing unit<br>characteristics                  |                                            | Household characteristics |               |                                         |                           | Regions        |              |        |        | Inside MSA      |                        | Out-<br>side<br>MSA |
|------------------------------------------------------|---------------------------------|--------|--------|--------------------------------------------------|--------------------------------------------|---------------------------|---------------|-----------------------------------------|---------------------------|----------------|--------------|--------|--------|-----------------|------------------------|---------------------|
|                                                      |                                 | Owner  | Renter | New<br>con-<br>struc-<br>tion<br>past 4<br>years | Manu-<br>fac-<br>tured/<br>mobile<br>homes | Black<br>alone            | His-<br>panic | Elderly<br>(65<br>years<br>and<br>over) | Below<br>poverty<br>level | North-<br>east | Mid-<br>west | South  | West   | Central<br>city | Not<br>central<br>city |                     |
|                                                      |                                 |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |        |        |                 |                        |                     |
| <b>Accessibility Features in Home<sup>2</sup></b>    |                                 |        |        |                                                  |                                            |                           |               |                                         |                           |                |              |        |        |                 |                        |                     |
| Ramps . . . . .                                      | 684                             | 493    | 192    | 23                                               | Z                                          | 70                        | 40            | 250                                     | 132                       | 153            | 241          | 180    | 110    | 208             | 299                    | 178                 |
| In use due to a physical limitation . . .            | 145                             | 113    | 32     | 5                                                | Z                                          | 19                        | 3             | 89                                      | 35                        | 43             | 42           | 44     | 15     | 28              | 72                     | 45                  |
| Not in use due to a physical<br>limitation . . . . . | 539                             | 379    | 160    | 19                                               | Z                                          | 52                        | 36            | 161                                     | 98                        | 110            | 199          | 135    | 95     | 180             | 227                    | 132                 |
| Extra wide doors or hallways <sup>4</sup> . . . . .  | 9,034                           | 6,571  | 2,463  | 471                                              | 309                                        | 933                       | 630           | 2,978                                   | 1,236                     | 1,524          | 2,113        | 3,327  | 2,070  | 2,254           | 4,602                  | 2,179               |
| In use due to a physical limitation . . .            | 947                             | 593    | 354    | 33                                               | 58                                         | 130                       | 68            | 540                                     | 234                       | 123            | 193          | 429    | 202    | 275             | 417                    | 255                 |
| Not in use due to a physical<br>limitation . . . . . | 8,087                           | 5,978  | 2,109  | 437                                              | 251                                        | 803                       | 563           | 2,437                                   | 1,002                     | 1,401          | 1,919        | 2,898  | 1,868  | 1,979           | 4,185                  | 1,923               |
| Floors with no steps between rooms . . .             | 73,055                          | 45,641 | 27,414 | 1,677                                            | 5,190                                      | 9,333                     | 8,664         | 16,382                                  | 12,186                    | 12,412         | 16,681       | 27,227 | 16,735 | 22,183          | 35,677                 | 15,195              |
| In use due to a physical limitation . . .            | 3,806                           | 2,359  | 1,447  | 65                                               | 361                                        | 515                       | 351           | 1,903                                   | 949                       | 626            | 850          | 1,464  | 866    | 1,134           | 1,727                  | 945                 |
| Not in use due to a physical<br>limitation . . . . . | 69,249                          | 43,282 | 25,967 | 1,612                                            | 4,829                                      | 8,818                     | 8,313         | 14,479                                  | 11,237                    | 11,786         | 15,832       | 25,763 | 15,868 | 21,049          | 33,950                 | 14,250              |
| Elevators . . . . .                                  | 275                             | 166    | 110    | 13                                               | Z                                          | 29                        | 13            | 118                                     | 63                        | 62             | 69           | 93     | 51     | 103             | 136                    | 36                  |
| In use due to a physical limitation . . .            | 73                              | 40     | 33     | 3                                                | Z                                          | 10                        | 5             | 51                                      | 22                        | 14             | 24           | 23     | 12     | 30              | 37                     | 5                   |
| Not in use due to a physical<br>limitation . . . . . | 203                             | 126    | 77     | 11                                               | Z                                          | 19                        | 7             | 67                                      | 41                        | 47             | 46           | 71     | 39     | 73              | 99                     | 31                  |
| Hand rails or grab bars on steps . . . . .           | 18,009                          | 14,055 | 3,955  | 476                                              | Z                                          | 2,041                     | 1,270         | 4,536                                   | 2,073                     | 4,611          | 5,203        | 4,930  | 3,264  | 4,802           | 10,083                 | 3,124               |
| In use due to a physical limitation . . .            | 1,575                           | 1,262  | 313    | 23                                               | Z                                          | 183                       | 63            | 901                                     | 277                       | 461            | 475          | 351    | 288    | 411             | 882                    | 282                 |
| Not in use due to a physical<br>limitation . . . . . | 16,434                          | 12,792 | 3,642  | 453                                              | Z                                          | 1,858                     | 1,207         | 3,635                                   | 1,796                     | 4,150          | 4,728        | 4,579  | 2,977  | 4,391           | 9,201                  | 2,842               |
| Hand rails or grab bars in bathroom . . .            | 20,380                          | 14,357 | 6,023  | 379                                              | 1,156                                      | 2,150                     | 1,577         | 9,506                                   | 3,432                     | 4,044          | 4,768        | 6,918  | 4,650  | 5,478           | 10,194                 | 4,707               |
| In use due to a physical limitation . . .            | 5,753                           | 4,086  | 1,667  | 72                                               | 397                                        | 657                       | 360           | 3,819                                   | 1,217                     | 1,156          | 1,268        | 2,036  | 1,293  | 1,664           | 2,647                  | 1,441               |
| Not in use due to a physical<br>limitation . . . . . | 14,627                          | 10,271 | 4,356  | 307                                              | 758                                        | 1,493                     | 1,217         | 5,687                                   | 2,216                     | 2,888          | 3,499        | 4,882  | 3,357  | 3,814           | 7,547                  | 3,266               |
| Hand rails or grab bars in other areas . .           | 2,716                           | 2,149  | 567    | 53                                               | 179                                        | 294                       | 197           | 1,413                                   | 478                       | 522            | 631          | 991    | 572    | 704             | 1,424                  | 588                 |
| In use due to a physical limitation . . .            | 858                             | 719    | 139    | 12                                               | 57                                         | 89                        | 57            | 571                                     | 159                       | 139            | 209          | 312    | 198    | 225             | 436                    | 197                 |
| Not in use due to a physical<br>limitation . . . . . | 1,858                           | 1,430  | 428    | 41                                               | 122                                        | 205                       | 139           | 841                                     | 319                       | 384            | 422          | 678    | 374    | 479             | 988                    | 391                 |
| Entry-level bedroom <sup>5</sup> . . . . .           | 41,061                          | 23,421 | 17,640 | 975                                              | Z                                          | 5,288                     | 4,146         | 8,967                                   | 6,483                     | 9,646          | 12,810       | 10,736 | 7,869  | 13,727          | 19,809                 | 7,525               |
| In use due to a physical limitation . . .            | 2,090                           | 1,233  | 858    | 39                                               | Z                                          | 282                       | 168           | 991                                     | 523                       | 529            | 662          | 544    | 356    | 689             | 948                    | 454                 |
| Not in use due to a physical<br>limitation . . . . . | 38,971                          | 22,188 | 16,782 | 935                                              | Z                                          | 5,006                     | 3,978         | 7,976                                   | 5,959                     | 9,118          | 12,148       | 10,193 | 7,512  | 13,038          | 18,862                 | 7,071               |
| Entry-level bathroom <sup>5</sup> . . . . .          | 55,275                          | 34,865 | 20,410 | 1,393                                            | Z                                          | 6,692                     | 5,098         | 11,073                                  | 7,495                     | 14,097         | 16,387       | 14,181 | 10,609 | 17,250          | 28,805                 | 9,220               |
| In use due to a physical limitation . . .            | 2,316                           | 1,428  | 888    | 45                                               | Z                                          | 316                       | 171           | 1,107                                   | 520                       | 622            | 703          | 589    | 402    | 733             | 1,103                  | 481                 |
| Not in use due to a physical<br>limitation . . . . . | 52,958                          | 33,437 | 19,521 | 1,348                                            | Z                                          | 6,375                     | 4,927         | 9,965                                   | 6,975                     | 13,475         | 15,684       | 13,592 | 10,207 | 16,517          | 27,702                 | 8,739               |
| Built-in seats in shower . . . . .                   | 9,611                           | 8,108  | 1,503  | 438                                              | 703                                        | 624                       | 524           | 3,669                                   | 974                       | 1,314          | 2,393        | 3,750  | 2,154  | 2,022           | 5,251                  | 2,337               |
| In use due to a physical limitation . . .            | 1,779                           | 1,336  | 444    | 36                                               | 135                                        | 179                       | 143           | 1,159                                   | 339                       | 345            | 332          | 678    | 424    | 471             | 846                    | 463                 |
| Not in use due to a physical<br>limitation . . . . . | 7,831                           | 6,772  | 1,059  | 402                                              | 568                                        | 445                       | 380           | 2,511                                   | 635                       | 968            | 2,062        | 3,072  | 1,730  | 1,552           | 4,405                  | 1,874               |
| Raised toilets . . . . .                             | 7,749                           | 6,344  | 1,405  | 197                                              | 542                                        | 821                       | 402           | 4,000                                   | 1,139                     | 1,194          | 2,085        | 3,010  | 1,460  | 1,719           | 3,939                  | 2,090               |
| In use due to a physical limitation . . .            | 2,610                           | 2,035  | 575    | 35                                               | 228                                        | 349                       | 157           | 1,793                                   | 495                       | 441            | 591          | 1,057  | 522    | 649             | 1,246                  | 716                 |
| Not in use due to a physical<br>limitation . . . . . | 5,139                           | 4,309  | 830    | 162                                              | 314                                        | 472                       | 245           | 2,206                                   | 643                       | 754            | 1,494        | 1,954  | 938    | 1,071           | 2,693                  | 1,375               |
| Handles on doors instead of knobs . . . .            | 12,625                          | 9,409  | 3,216  | 710                                              | 407                                        | 1,001                     | 978           | 3,496                                   | 1,473                     | 1,922          | 3,042        | 3,842  | 3,819  | 3,310           | 7,043                  | 2,273               |
| In use due to a physical limitation . . .            | 952                             | 613    | 338    | 33                                               | 27                                         | 98                        | 54            | 555                                     | 209                       | 164            | 234          | 325    | 229    | 272             | 496                    | 184                 |
| Not in use due to a physical<br>limitation . . . . . | 11,674                          | 8,796  | 2,878  | 677                                              | 380                                        | 902                       | 924           | 2,941                                   | 1,263                     | 1,758          | 2,808        | 3,517  | 3,590  | 3,038           | 6,547                  | 2,089               |
| Handles or levers on sinks . . . . .                 | 32,323                          | 24,458 | 7,865  | 1,165                                            | 1,156                                      | 2,352                     | 2,369         | 8,087                                   | 3,314                     | 5,380          | 8,322        | 9,823  | 8,799  | 8,422           | 17,635                 | 6,266               |
| In use due to a physical limitation . . .            | 1,538                           | 1,086  | 452    | 47                                               | 104                                        | 140                       | 92            | 885                                     | 324                       | 239            | 355          | 573    | 371    | 439             | 767                    | 332                 |
| Not in use due to a physical<br>limitation . . . . . | 30,785                          | 23,372 | 7,413  | 1,119                                            | 1,052                                      | 2,212                     | 2,277         | 7,203                                   | 2,989                     | 5,142          | 7,966        | 9,249  | 8,428  | 7,983           | 16,868                 | 5,934               |
| Roll-out trays or lazy susans in cabinets            | 21,793                          | 18,794 | 2,999  | 698                                              | 467                                        | 1,059                     | 1,177         | 5,748                                   | 1,502                     | 4,461          | 6,475        | 5,478  | 5,380  | 4,673           | 12,387                 | 4,734               |
| In use due to a physical limitation . . .            | 756                             | 610    | 147    | 14                                               | 50                                         | 51                        | 40            | 422                                     | 102                       | 108            | 210          | 254    | 185    | 187             | 389                    | 180                 |
| Not in use due to a physical<br>limitation . . . . . | 21,037                          | 18,184 | 2,853  | 684                                              | 417                                        | 1,009                     | 1,137         | 5,326                                   | 1,400                     | 4,353          | 6,265        | 5,224  | 5,195  | 4,486           | 11,998                 | 4,554               |

See footnotes at end of table.

Table S-02-AO.

**Disabilities and Home Accessibility—All Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                             | Total occupied units | Tenure |        | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |          |        |        | Inside MSA   |                  | Outside MSA |
|-------------------------------------------------------------|----------------------|--------|--------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|----------|--------|--------|--------------|------------------|-------------|
|                                                             |                      | Owner  | Renter | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Mid-west | South  | West   | Central city | Not central city |             |
| <b>Wheelchair Accessible Features Available<sup>2</sup></b> |                      |        |        |                               |                           |                           |          |                             |                     |            |          |        |        |              |                  |             |
| Electrical outlets . . . . .                                | 71,588               | 49,108 | 22,480 | 1,821                         | 4,318                     | 8,412                     | 7,599    | 16,090                      | 10,186              | 11,752     | 16,924   | 25,597 | 17,315 | 19,957       | 36,816           | 14,816      |
| In use due to a physical limitation . . .                   | 1,415                | 904    | 511    | 35                            | 100                       | 193                       | 121      | 734                         | 364                 | 222        | 320      | 498    | 376    | 418          | 635              | 362         |
| Not in use due to a physical limitation . . . . .           | 70,173               | 48,204 | 21,970 | 1,786                         | 4,218                     | 8,219                     | 7,478    | 15,356                      | 9,823               | 11,531     | 16,604   | 25,099 | 16,939 | 19,539       | 36,181           | 14,453      |
| Electrical switches . . . . .                               | 73,118               | 50,337 | 22,781 | 1,828                         | 4,452                     | 8,497                     | 7,645    | 16,608                      | 10,340              | 12,091     | 17,560   | 25,666 | 17,802 | 20,241       | 37,554           | 15,323      |
| In use due to a physical limitation . . .                   | 1,404                | 900    | 504    | 25                            | 88                        | 186                       | 113      | 726                         | 353                 | 210        | 315      | 530    | 350    | 412          | 632              | 360         |
| Not in use due to a physical limitation . . . . .           | 71,714               | 49,437 | 22,277 | 1,803                         | 4,363                     | 8,311                     | 7,532    | 15,882                      | 9,987               | 11,881     | 17,245   | 25,137 | 17,452 | 19,829       | 36,922           | 14,963      |
| Climate controls . . . . .                                  | 53,685               | 37,041 | 16,643 | 1,398                         | 3,182                     | 6,134                     | 5,294    | 12,373                      | 7,522               | 8,462      | 13,648   | 18,490 | 13,085 | 14,701       | 27,487           | 11,496      |
| In use due to a physical limitation . . .                   | 1,031                | 662    | 368    | 18                            | 63                        | 123                       | 77       | 564                         | 272                 | 146        | 249      | 389    | 246    | 292          | 476              | 263         |
| Not in use due to a physical limitation . . . . .           | 52,654               | 36,379 | 16,275 | 1,380                         | 3,119                     | 6,011                     | 5,217    | 11,808                      | 7,250               | 8,316      | 13,399   | 18,101 | 12,839 | 14,410       | 27,011           | 11,234      |
| Kitchen cabinets . . . . .                                  | 18,312               | 12,641 | 5,671  | 436                           | 1,218                     | 2,266                     | 2,243    | 4,836                       | 3,193               | 2,932      | 3,757    | 7,353  | 4,270  | 5,270        | 9,312            | 3,730       |
| In use due to a physical limitation . . .                   | 544                  | 359    | 186    | 9                             | 16                        | 83                        | 34       | 315                         | 162                 | 85         | 113      | 237    | 110    | 177          | 228              | 139         |
| Not in use due to a physical limitation . . . . .           | 17,768               | 12,283 | 5,485  | 428                           | 1,202                     | 2,183                     | 2,208    | 4,521                       | 3,031               | 2,848      | 3,645    | 7,116  | 4,160  | 5,092        | 9,084            | 3,591       |
| Counter tops . . . . .                                      | 58,561               | 40,477 | 18,084 | 1,438                         | 3,535                     | 7,103                     | 5,980    | 13,648                      | 8,279               | 9,902      | 13,804   | 20,971 | 13,885 | 16,344       | 29,934           | 12,283      |
| In use due to a physical limitation . . .                   | 1,089                | 716    | 373    | 21                            | 77                        | 145                       | 71       | 553                         | 264                 | 156        | 234      | 442    | 256    | 316          | 494              | 278         |
| Not in use due to a physical limitation . . . . .           | 57,473               | 39,761 | 17,711 | 1,417                         | 3,458                     | 6,958                     | 5,909    | 13,095                      | 8,015               | 9,746      | 13,570   | 20,528 | 13,629 | 16,028       | 29,440           | 12,006      |
| Other kitchen features . . . . .                            | 34,627               | 23,980 | 10,647 | 867                           | 2,287                     | 4,117                     | 3,522    | 8,206                       | 4,960               | 5,480      | 7,991    | 12,483 | 8,672  | 9,564        | 17,549           | 7,514       |
| In use due to a physical limitation . . .                   | 785                  | 495    | 291    | 9                             | 46                        | 99                        | 55       | 422                         | 204                 | 113        | 169      | 321    | 182    | 239          | 345              | 201         |
| Not in use due to a physical limitation . . . . .           | 33,842               | 23,485 | 10,356 | 858                           | 2,241                     | 4,018                     | 3,467    | 7,785                       | 4,755               | 5,367      | 7,822    | 12,162 | 8,490  | 9,326        | 17,203           | 7,312       |
| Bathrooms . . . . .                                         | 45,395               | 31,298 | 14,097 | 1,267                         | 2,773                     | 5,481                     | 4,860    | 11,040                      | 6,551               | 6,937      | 10,651   | 16,586 | 11,221 | 12,363       | 23,472           | 9,559       |
| In use due to a physical limitation . . .                   | 1,338                | 886    | 452    | 35                            | 103                       | 176                       | 88       | 725                         | 296                 | 211        | 289      | 542    | 295    | 373          | 591              | 374         |
| Not in use due to a physical limitation . . . . .           | 44,057               | 30,412 | 13,645 | 1,232                         | 2,670                     | 5,305                     | 4,772    | 10,315                      | 6,255               | 6,726      | 10,362   | 16,043 | 10,926 | 11,990       | 22,881           | 9,186       |

<sup>1</sup> Mental, physical, and self-care disabilities are limited to household members at least 5 years of age. Go-outside-home disabilities are limited to household members at least 15 years of age.<sup>2</sup> Figures may not add to total because more than one category may apply to a unit.<sup>3</sup> Motor skill problems and home accessibility are only reported for household members at least 6 years of age.<sup>4</sup> Doors and hallways are considered "extra wide" if there is a clearance of 36 inches or more.<sup>5</sup> Includes only units with 2 or more floors.

Table C-01-00.

**General Housing Data—Owner-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                 | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |              |                             |                     | Regions       |               |               |               | Inside MSA    |                  | Outside MSA   |
|-----------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|--------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                                 |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic     | Elderly (65 years and over) | Below poverty level | North-east    | Midwest       | South         | West          | Central city  | Not central city |               |
| <b>Sample size (number) . . . . .</b>                           | <b>82,418</b>              | <b>2,119</b>                  | <b>3,730</b>              | <b>7,836</b>              | <b>7,288</b> | <b>21,655</b>               | <b>6,965</b>        | <b>11,229</b> | <b>20,965</b> | <b>26,281</b> | <b>23,943</b> | <b>21,272</b> | <b>51,523</b>    | <b>9,623</b>  |
| <b>Total . . . . .</b>                                          | <b>76,091</b>              | <b>1,898</b>                  | <b>5,678</b>              | <b>6,662</b>              | <b>6,530</b> | <b>20,250</b>               | <b>7,003</b>        | <b>13,480</b> | <b>18,032</b> | <b>29,119</b> | <b>15,460</b> | <b>17,390</b> | <b>41,967</b>    | <b>16,735</b> |
| <b>Units in Structure</b>                                       |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| 1, detached . . . . .                                           | 62,662                     | 1,530                         | X                         | 5,235                     | 5,234        | 16,352                      | 4,994               | 10,357        | 15,764        | 23,728        | 12,813        | 13,765        | 35,129           | 13,768        |
| 1, attached . . . . .                                           | 4,090                      | 141                           | X                         | 599                       | 320          | 1,102                       | 385                 | 1,333         | 669           | 1,323         | 765           | 1,413         | 2,417            | 260           |
| 2 to 4 . . . . .                                                | 1,419                      | 17                            | X                         | 194                       | 177          | 425                         | 155                 | 669           | 298           | 208           | 243           | 693           | 600              | 125           |
| 5 to 9 . . . . .                                                | 583                        | 10                            | X                         | 39                        | 59           | 170                         | 58                  | 130           | 90            | 196           | 166           | 213           | 344              | 26            |
| 10 to 19 . . . . .                                              | 518                        | 7                             | X                         | 54                        | 46           | 138                         | 37                  | 108           | 93            | 172           | 145           | 169           | 337              | 12            |
| 20 to 49 . . . . .                                              | 408                        | 17                            | X                         | 22                        | 39           | 150                         | 41                  | 121           | 55            | 150           | 82            | 194           | 203              | 11            |
| 50 or more . . . . .                                            | 734                        | 20                            | X                         | 45                        | 71           | 297                         | 97                  | 285           | 135           | 214           | 100           | 436           | 293              | 6             |
| Manufactured/mobile home or trailer . . . . .                   | 5,678                      | 155                           | 5,678                     | 474                       | 584          | 1,616                       | 1,237               | 476           | 928           | 3,126         | 1,147         | 507           | 2,643            | 2,527         |
| <b>Cooperatives and Condominiums</b>                            |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Cooperatives . . . . .                                          | 514                        | 3                             | 61                        | 51                        | 65           | 166                         | 68                  | 314           | 58            | 103           | 39            | 309           | 169              | 36            |
| Condominiums . . . . .                                          | 4,404                      | 150                           | 11                        | 264                       | 414          | 1,383                       | 358                 | 958           | 980           | 1,325         | 1,141         | 1,316         | 2,880            | 209           |
| <b>Year Structure Built<sup>1,2</sup></b>                       |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| 2010 to 2014 . . . . .                                          | 403                        | 403                           | 8                         | 31                        | 36           | 31                          | 26                  | 36            | 68            | 217           | 81            | 108           | 179              | 116           |
| 2005 to 2009 . . . . .                                          | 5,182                      | 1,495                         | 418                       | 466                       | 472          | 568                         | 344                 | 469           | 902           | 2,609         | 1,201         | 1,157         | 2,912            | 1,113         |
| 2000 to 2004 . . . . .                                          | 6,319                      | X                             | 659                       | 472                       | 571          | 1,090                       | 414                 | 570           | 1,358         | 2,974         | 1,418         | 1,156         | 3,909            | 1,253         |
| 1995 to 1999 . . . . .                                          | 6,045                      | X                             | 1,242                     | 457                       | 446          | 1,287                       | 489                 | 583           | 1,286         | 2,912         | 1,264         | 828           | 3,849            | 1,368         |
| 1990 to 1994 . . . . .                                          | 4,766                      | X                             | 704                       | 299                       | 384          | 988                         | 340                 | 555           | 1,086         | 2,008         | 1,116         | 788           | 2,948            | 1,030         |
| 1985 to 1989 . . . . .                                          | 5,176                      | X                             | 595                       | 331                       | 412          | 1,222                       | 399                 | 884           | 952           | 2,249         | 1,090         | 843           | 3,468            | 865           |
| 1980 to 1984 . . . . .                                          | 4,135                      | X                             | 585                       | 358                       | 336          | 1,101                       | 398                 | 490           | 688           | 2,048         | 910           | 785           | 2,479            | 871           |
| 1975 to 1979 . . . . .                                          | 7,298                      | X                             | 548                       | 461                       | 608          | 2,051                       | 647                 | 918           | 1,650         | 2,988         | 1,742         | 1,287         | 4,043            | 1,968         |
| 1970 to 1974 . . . . .                                          | 5,608                      | X                             | 548                       | 527                       | 486          | 1,895                       | 559                 | 817           | 1,238         | 2,297         | 1,256         | 1,104         | 3,212            | 1,292         |
| 1960 to 1969 . . . . .                                          | 8,679                      | X                             | 278                       | 890                       | 701          | 3,175                       | 921                 | 1,656         | 2,082         | 3,212         | 1,729         | 2,124         | 4,933            | 1,622         |
| 1950 to 1959 . . . . .                                          | 8,548                      | X                             | 52                        | 864                       | 921          | 2,842                       | 877                 | 1,956         | 2,349         | 2,572         | 1,671         | 2,498         | 4,558            | 1,491         |
| 1940 to 1949 . . . . .                                          | 4,172                      | X                             | 11                        | 512                       | 500          | 1,277                       | 550                 | 1,058         | 1,016         | 1,294         | 804           | 1,366         | 1,894            | 912           |
| 1930 to 1939 . . . . .                                          | 2,697                      | X                             | 30                        | 388                       | 235          | 757                         | 312                 | 756           | 772           | 715           | 454           | 1,008         | 1,017            | 673           |
| 1920 to 1929 . . . . .                                          | 2,598                      | X                             | X                         | 294                       | 220          | 656                         | 293                 | 929           | 893           | 402           | 374           | 1,088         | 914              | 596           |
| 1919 or earlier . . . . .                                       | 4,467                      | X                             | X                         | 313                       | 204          | 1,309                       | 432                 | 1,804         | 1,691         | 622           | 350           | 1,250         | 1,652            | 1,565         |
| <b>Median (year) . . . . .</b>                                  | <b>1976</b>                | <b>2008</b>                   | <b>1991</b>               | <b>1971</b>               | <b>1975</b>  | <b>1970</b>                 | <b>1971</b>         | <b>1961</b>   | <b>1971</b>   | <b>1981</b>   | <b>1978</b>   | <b>1967</b>   | <b>1978</b>      | <b>1976</b>   |
| <b>Stories in Structure<sup>3</sup></b>                         |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| 1 . . . . .                                                     | 26,072                     | 579                           | X                         | 2,716                     | 3,543        | 8,127                       | 2,904               | 856           | 2,868         | 15,149        | 7,200         | 6,646         | 13,250           | 6,176         |
| 2 . . . . .                                                     | 24,933                     | 772                           | X                         | 1,779                     | 1,557        | 6,194                       | 1,694               | 4,237         | 7,578         | 7,608         | 5,510         | 5,265         | 14,584           | 5,084         |
| 3 . . . . .                                                     | 16,538                     | 333                           | X                         | 1,432                     | 683          | 3,568                       | 944                 | 6,454         | 5,982         | 2,755         | 1,347         | 3,798         | 10,070           | 2,670         |
| 4 to 6 . . . . .                                                | 2,367                      | 39                            | X                         | 232                       | 119          | 569                         | 178                 | 1,215         | 605           | 354           | 194           | 817           | 1,276            | 274           |
| 7 or more . . . . .                                             | 502                        | 20                            | X                         | 30                        | 45           | 176                         | 47                  | 242           | 72            | 126           | 62            | 355           | 143              | 4             |
| <b>Stories Between Main and Apartment Entrances<sup>3</sup></b> |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Multiunits, 2 or more floors . . . . .                          | 3,369                      | 69                            | X                         | 328                       | 346          | 1,048                       | 354                 | 1,304         | 620           | 812           | 633           | 1,617         | 1,614            | 137           |
| None (on same floor) . . . . .                                  | 1,156                      | 17                            | X                         | 91                        | 103          | 356                         | 106                 | 434           | 219           | 246           | 258           | 455           | 629              | 72            |
| 1 (up or down) . . . . .                                        | 955                        | 17                            | X                         | 136                       | 108          | 287                         | 108                 | 382           | 156           | 236           | 180           | 440           | 471              | 44            |
| 2 or more (up or down) . . . . .                                | 1,258                      | 35                            | X                         | 100                       | 136          | 405                         | 140                 | 488           | 245           | 330           | 195           | 722           | 514              | 21            |
| <b>Elevator on Floor<sup>3</sup></b>                            |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Multiunits, 2 or more floors . . . . .                          | 3,369                      | 69                            | X                         | 328                       | 346          | 1,048                       | 354                 | 1,304         | 620           | 812           | 633           | 1,617         | 1,614            | 137           |
| With at least 1 working elevator . . . . .                      | 946                        | 34                            | X                         | 53                        | 84           | 401                         | 103                 | 348           | 168           | 281           | 149           | 547           | 396              | 3             |
| With at least 1 elevator, none in working condition . . . . .   | 1                          | Z                             | X                         | Z                         | Z            | Z                           | Z                   | Z             | Z             | Z             | 1             | Z             | 1                | Z             |
| No elevator . . . . .                                           | 2,422                      | 35                            | X                         | 275                       | 262          | 648                         | 250                 | 956           | 452           | 531           | 482           | 1,070         | 1,217            | 135           |
| Multiunits, 3 or more floors from main entrance . . . . .       | 119                        | Z                             | X                         | 16                        | 11           | 17                          | 4                   | 48            | 44            | 10            | 18            | 76            | 43               | Z             |
| <b>Foundation<sup>3</sup></b>                                   |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| 1-unit buildings . . . . .                                      | 66,752                     | 1,671                         | X                         | 5,834                     | 5,553        | 17,454                      | 5,378               | 11,690        | 16,433        | 25,051        | 13,577        | 15,178        | 37,546           | 14,028        |
| With basement under all of building . . . . .                   | 22,987                     | 433                           | X                         | 1,847                     | 879          | 5,900                       | 1,581               | 7,753         | 9,892         | 3,571         | 1,770         | 4,915         | 13,361           | 4,711         |
| With basement under part of building . . . . .                  | 7,516                      | 85                            | X                         | 351                       | 271          | 1,990                       | 438                 | 2,141         | 2,973         | 1,404         | 998           | 1,298         | 4,275            | 1,943         |
| With crawl space . . . . .                                      | 14,289                     | 301                           | X                         | 1,281                     | 1,108        | 3,998                       | 1,383               | 604           | 2,101         | 7,386         | 4,198         | 3,067         | 6,732            | 4,489         |
| On concrete slab . . . . .                                      | 21,013                     | 838                           | X                         | 2,272                     | 3,144        | 5,219                       | 1,808               | 1,124         | 1,316         | 12,140        | 6,432         | 5,686         | 12,652           | 2,675         |
| Other . . . . .                                                 | 949                        | 14                            | X                         | 83                        | 151          | 347                         | 168                 | 68            | 151           | 551           | 178           | 212           | 526              | 210           |

See footnotes at end of table.

Table C-01-00.

**General Housing Data—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                       | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |       |       | Inside MSA   |                  | Outside MSA |
|-------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|-------|-------|--------------|------------------|-------------|
|                                                       |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South | West  | Central city | Not central city |             |
| Manufactured/Mobile Home Setup                        |                            |                               |                           |                           |          |                             |                     |            |         |       |       |              |                  |             |
| Manufactured/mobile homes . . . . .                   | 5,678                      | 155                           | 5,678                     | 474                       | 584      | 1,616                       | 1,237               | 476        | 928     | 3,126 | 1,147 | 507          | 2,643            | 2,527       |
| Set on permanent masonry foundation . . . . .         | 1,238                      | 67                            | 1,238                     | 105                       | 90       | 381                         | 172                 | 107        | 237     | 614   | 280   | 82           | 569              | 587         |
| Resting on concrete pad . . . . .                     | 1,012                      | 32                            | 1,012                     | 39                        | 99       | 318                         | 182                 | 145        | 308     | 299   | 260   | 150          | 504              | 357         |
| Up on blocks, but not on concrete pad . . . . .       | 3,235                      | 55                            | 3,235                     | 325                       | 367      | 868                         | 841                 | 203        | 350     | 2,149 | 533   | 253          | 1,456            | 1,526       |
| Setup in some other way . . . . .                     | 134                        | 2                             | 134                       | 3                         | 9        | 40                          | 35                  | 12         | 27      | 49    | 46    | 13           | 91               | 31          |
| Setup not reported . . . . .                          | 59                         | Z                             | 59                        | 2                         | 19       | 9                           | 7                   | 9          | 7       | 15    | 29    | 10           | 23               | 26          |
| Manufactured/Mobile Home Anchoring                    |                            |                               |                           |                           |          |                             |                     |            |         |       |       |              |                  |             |
| Manufactured/mobile homes . . . . .                   | 5,678                      | 155                           | 5,678                     | 474                       | 584      | 1,616                       | 1,237               | 476        | 928     | 3,126 | 1,147 | 507          | 2,643            | 2,527       |
| Anchored by tiedowns, bolts, or other means . . . . . | 5,031                      | 133                           | 5,031                     | 470                       | 488      | 1,455                       | 1,072               | 355        | 838     | 2,937 | 901   | 425          | 2,368            | 2,238       |
| Not anchored . . . . .                                | 530                        | 20                            | 530                       | 4                         | 82       | 130                         | 145                 | 101        | 64      | 168   | 198   | 57           | 215              | 259         |
| Anchoring not reported . . . . .                      | 117                        | 3                             | 117                       | Z                         | 14       | 31                          | 21                  | 21         | 26      | 21    | 48    | 26           | 61               | 31          |
| Manufactured/Mobile Home Size                         |                            |                               |                           |                           |          |                             |                     |            |         |       |       |              |                  |             |
| Manufactured/mobile homes . . . . .                   | 5,678                      | 155                           | 5,678                     | 474                       | 584      | 1,616                       | 1,237               | 476        | 928     | 3,126 | 1,147 | 507          | 2,643            | 2,527       |
| Single-wide . . . . .                                 | 2,791                      | 44                            | 2,791                     | 208                       | 350      | 666                         | 779                 | 288        | 581     | 1,543 | 379   | 223          | 1,345            | 1,223       |
| Double-wide . . . . .                                 | 2,731                      | 96                            | 2,731                     | 248                       | 220      | 879                         | 437                 | 184        | 343     | 1,515 | 688   | 270          | 1,194            | 1,266       |
| Triple-wide or larger . . . . .                       | 149                        | 12                            | 149                       | 18                        | 14       | 67                          | 20                  | 4          | 4       | 68    | 73    | 11           | 99               | 38          |
| Size not reported . . . . .                           | 7                          | 3                             | 7                         | 1                         | Z        | 4                           | Z                   | Z          | Z       | Z     | 7     | 2            | 5                | Z           |
| Manufactured/Mobile Home Site Placement               |                            |                               |                           |                           |          |                             |                     |            |         |       |       |              |                  |             |
| Manufactured/mobile homes . . . . .                   | 5,678                      | 155                           | 5,678                     | 474                       | 584      | 1,616                       | 1,237               | 476        | 928     | 3,126 | 1,147 | 507          | 2,643            | 2,527       |
| First site . . . . .                                  | 4,230                      | 147                           | 4,230                     | 386                       | 423      | 1,320                       | 842                 | 373        | 649     | 2,307 | 901   | 374          | 1,983            | 1,873       |
| Moved from another site . . . . .                     | 1,014                      | 8                             | 1,014                     | 66                        | 81       | 224                         | 273                 | 66         | 180     | 625   | 143   | 55           | 432              | 527         |
| Don't know . . . . .                                  | 202                        | Z                             | 202                       | 1                         | 34       | 40                          | 45                  | 20         | 40      | 86    | 56    | 39           | 103              | 60          |
| Site placement not reported . . . . .                 | 232                        | Z                             | 232                       | 22                        | 46       | 33                          | 76                  | 16         | 59      | 109   | 48    | 39           | 126              | 67          |
| Manufactured/Mobile Homes in Group                    |                            |                               |                           |                           |          |                             |                     |            |         |       |       |              |                  |             |
| Manufactured/mobile homes . . . . .                   | 5,678                      | 155                           | 5,678                     | 474                       | 584      | 1,616                       | 1,237               | 476        | 928     | 3,126 | 1,147 | 507          | 2,643            | 2,527       |
| 1 to 6 . . . . .                                      | 4,036                      | 143                           | 4,036                     | 388                       | 356      | 1,042                       | 852                 | 279        | 576     | 2,580 | 601   | 237          | 1,660            | 2,138       |
| 7 to 20 . . . . .                                     | 300                        | 2                             | 300                       | 30                        | 46       | 100                         | 86                  | 51         | 58      | 125   | 65    | 49           | 162              | 89          |
| 21 or more . . . . .                                  | 1,343                      | 10                            | 1,343                     | 56                        | 182      | 475                         | 298                 | 146        | 294     | 421   | 481   | 222          | 821              | 300         |

<sup>1</sup> For manufactured/mobile homes, oldest category is 1939 or earlier.<sup>2</sup> Median is estimated from the printed distribution; see Appendix A.<sup>3</sup> Figures exclude manufactured/mobile homes.

Table C-02-00.

**Rooms, Size, and Amenities—Owner-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                         | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |              |                             |                     | Regions       |               |               |               | Inside MSA    |                  | Outside MSA   |
|---------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|--------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                         |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic     | Elderly (65 years and over) | Below poverty level | North-east    | Midwest       | South         | West          | Central city  | Not central city |               |
| <b>Total . . . . .</b>                                  | <b>76,091</b>              | <b>1,898</b>                  | <b>5,678</b>              | <b>6,662</b>              | <b>6,530</b> | <b>20,250</b>               | <b>7,003</b>        | <b>13,480</b> | <b>18,032</b> | <b>29,119</b> | <b>15,460</b> | <b>17,390</b> | <b>41,967</b>    | <b>16,735</b> |
| <b>Rooms</b>                                            |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| 1. . . . .                                              | 18                         | 2                             | Z                         | 3                         | 2            | 2                           | 2                   | 8             | 2             | 4             | 2             | 6             | 6                | 5             |
| 2. . . . .                                              | 98                         | 9                             | 13                        | 2                         | 9            | 21                          | 19                  | 30            | 8             | 33            | 27            | 35            | 31               | 32            |
| 3. . . . .                                              | 1,033                      | 30                            | 118                       | 59                        | 112          | 327                         | 186                 | 303           | 192           | 316           | 223           | 352           | 465              | 216           |
| 4. . . . .                                              | 6,319                      | 83                            | 1,335                     | 427                       | 680          | 2,007                       | 1,028               | 1,120         | 1,537         | 2,330         | 1,332         | 1,586         | 3,102            | 1,631         |
| 5. . . . .                                              | 17,101                     | 444                           | 2,262                     | 1,548                     | 1,748        | 5,053                       | 2,239               | 2,335         | 4,031         | 7,260         | 3,474         | 4,073         | 8,367            | 4,661         |
| 6. . . . .                                              | 19,910                     | 395                           | 1,212                     | 1,991                     | 1,873        | 5,601                       | 1,856               | 3,588         | 4,522         | 7,935         | 3,866         | 4,728         | 10,674           | 4,509         |
| 7. . . . .                                              | 14,705                     | 375                           | 528                       | 1,374                     | 1,050        | 3,838                       | 915                 | 2,756         | 3,659         | 5,344         | 2,946         | 3,290         | 8,455            | 2,961         |
| 8. . . . .                                              | 9,403                      | 275                           | 180                       | 710                       | 676          | 2,041                       | 452                 | 1,887         | 2,283         | 3,313         | 1,920         | 1,918         | 5,978            | 1,508         |
| 9. . . . .                                              | 4,317                      | 140                           | 18                        | 299                       | 247          | 824                         | 189                 | 860           | 993           | 1,429         | 1,035         | 803           | 2,826            | 688           |
| 10 or more. . . . .                                     | 3,187                      | 144                           | 12                        | 247                       | 134          | 536                         | 117                 | 593           | 806           | 1,153         | 635           | 600           | 2,062            | 525           |
| <b>Persons Per Room</b>                                 |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| 0.50 or less . . . . .                                  | 58,069                     | 1,443                         | 3,942                     | 4,882                     | 3,610        | 19,031                      | 5,140               | 10,198        | 13,967        | 22,315        | 11,589        | 13,253        | 31,832           | 12,983        |
| 0.51 to 1.00 . . . . .                                  | 16,965                     | 441                           | 1,464                     | 1,663                     | 2,556        | 1,177                       | 1,504               | 3,159         | 3,885         | 6,329         | 3,592         | 3,893         | 9,579            | 3,493         |
| 1.01 to 1.50 . . . . .                                  | 980                        | 10                            | 267                       | 105                       | 338          | 38                          | 325                 | 113           | 171           | 439           | 257           | 223           | 511              | 245           |
| 1.51 or more . . . . .                                  | 78                         | 4                             | 5                         | 12                        | 27           | 4                           | 34                  | 11            | 9             | 35            | 23            | 21            | 44               | 14            |
| <b>Bedrooms</b>                                         |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| None . . . . .                                          | 72                         | 2                             | Z                         | 3                         | 9            | 17                          | 14                  | 34            | 8             | 12            | 18            | 39            | 15               | 18            |
| 1. . . . .                                              | 1,731                      | 45                            | 207                       | 81                        | 155          | 608                         | 264                 | 509           | 367           | 480           | 375           | 551           | 774              | 406           |
| 2. . . . .                                              | 13,197                     | 180                           | 1,845                     | 935                       | 1,137        | 4,842                       | 1,788               | 2,542         | 3,346         | 4,528         | 2,780         | 3,474         | 6,527            | 3,196         |
| 3. . . . .                                              | 39,306                     | 905                           | 3,110                     | 3,691                     | 3,440        | 10,543                      | 3,633               | 6,427         | 9,257         | 16,294        | 7,328         | 8,869         | 21,105           | 9,332         |
| 4 or more. . . . .                                      | 21,785                     | 766                           | 516                       | 1,952                     | 1,791        | 4,241                       | 1,305               | 3,968         | 5,055         | 7,803         | 4,959         | 4,456         | 13,546           | 3,783         |
| <b>Persons Per Bedroom</b>                              |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| 0.50 or less . . . . .                                  | 23,012                     | 474                           | 1,591                     | 2,256                     | 1,238        | 9,486                       | 3,111               | 3,914         | 5,491         | 8,979         | 4,628         | 5,497         | 12,336           | 5,179         |
| 0.51 to 1.00 . . . . .                                  | 37,747                     | 1,103                         | 2,670                     | 2,963                     | 2,762        | 9,713                       | 2,216               | 6,534         | 8,933         | 14,632        | 7,648         | 8,328         | 21,021           | 8,398         |
| 1.01 to 1.50 . . . . .                                  | 10,140                     | 252                           | 692                       | 950                       | 1,253        | 567                         | 765                 | 2,041         | 2,476         | 3,645         | 1,979         | 2,135         | 5,938            | 2,066         |
| 1.51 or more . . . . .                                  | 5,121                      | 66                            | 726                       | 489                       | 1,269        | 467                         | 897                 | 957           | 1,125         | 1,850         | 1,189         | 1,390         | 2,657            | 1,073         |
| No bedrooms. . . . .                                    | 72                         | 2                             | Z                         | 3                         | 9            | 17                          | 14                  | 34            | 8             | 12            | 18            | 39            | 15               | 18            |
| <b>Complete Bathrooms</b>                               |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| None . . . . .                                          | 190                        | 10                            | 36                        | 34                        | 25           | 54                          | 81                  | 32            | 25            | 106           | 26            | 38            | 59               | 93            |
| 1. . . . .                                              | 15,118                     | 67                            | 1,264                     | 1,645                     | 1,628        | 4,676                       | 2,406               | 3,712         | 4,365         | 4,745         | 2,297         | 4,237         | 6,410            | 4,472         |
| 1½. . . . .                                             | 11,232                     | 59                            | 438                       | 1,241                     | 806          | 3,471                       | 1,121               | 3,014         | 3,758         | 2,758         | 1,702         | 2,819         | 5,896            | 2,517         |
| 2 or more. . . . .                                      | 49,551                     | 1,762                         | 3,941                     | 3,742                     | 4,072        | 12,048                      | 3,395               | 6,722         | 9,884         | 21,510        | 11,435        | 10,296        | 29,602           | 9,653         |
| <b>Square Footage of Unit</b>                           |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Single detached and manufactured/mobile homes . . . . . | 68,340                     | 1,685                         | 5,678                     | 5,709                     | 5,817        | 17,968                      | 6,230               | 10,833        | 16,693        | 26,854        | 13,960        | 14,272        | 37,772           | 16,295        |
| Less than 500 . . . . .                                 | 357                        | 15                            | 109                       | 47                        | 58           | 129                         | 72                  | 65            | 69            | 155           | 67            | 91            | 184              | 82            |
| 500 to 749 . . . . .                                    | 1,079                      | 3                             | 451                       | 78                        | 170          | 333                         | 281                 | 174           | 255           | 470           | 180           | 196           | 516              | 367           |
| 750 to 999 . . . . .                                    | 3,573                      | 14                            | 1,138                     | 335                       | 502          | 954                         | 725                 | 520           | 1,006         | 1,424         | 622           | 801           | 1,586            | 1,186         |
| 1,000 to 1,499 . . . . .                                | 14,546                     | 218                           | 2,023                     | 1,406                     | 1,477        | 4,078                       | 1,777               | 1,861         | 3,646         | 5,856         | 3,182         | 3,249         | 7,190            | 4,106         |
| 1,500 to 1,999 . . . . .                                | 15,987                     | 373                           | 973                       | 1,239                     | 1,394        | 4,246                       | 1,227               | 2,246         | 3,533         | 6,578         | 3,629         | 3,497         | 8,784            | 3,705         |
| 2,000 to 2,499 . . . . .                                | 11,951                     | 288                           | 332                       | 825                       | 806          | 3,119                       | 688                 | 1,914         | 2,931         | 4,661         | 2,446         | 2,346         | 7,059            | 2,547         |
| 2,500 to 2,999 . . . . .                                | 6,546                      | 214                           | 88                        | 395                       | 383          | 1,543                       | 330                 | 1,099         | 1,548         | 2,572         | 1,327         | 1,205         | 4,037            | 1,304         |
| 3,000 to 3,999 . . . . .                                | 6,405                      | 298                           | 58                        | 398                       | 315          | 1,376                       | 273                 | 1,148         | 1,651         | 2,356         | 1,249         | 1,124         | 4,061            | 1,220         |
| 4,000 or more . . . . .                                 | 3,789                      | 163                           | 110                       | 255                       | 206          | 844                         | 190                 | 744           | 922           | 1,461         | 663           | 737           | 2,298            | 755           |
| Not reported . . . . .                                  | 4,108                      | 100                           | 397                       | 731                       | 509          | 1,346                       | 669                 | 1,060         | 1,131         | 1,322         | 595           | 1,026         | 2,058            | 1,025         |
| <b>Median (square feet) . . . . .</b>                   | <b>1,800</b>               | <b>2,280</b>                  | <b>1,200</b>              | <b>1,700</b>              | <b>1,600</b> | <b>1,800</b>                | <b>1,450</b>        | <b>2,000</b>  | <b>1,800</b>  | <b>1,800</b>  | <b>1,800</b>  | <b>1,800</b>  | <b>1,920</b>     | <b>1,700</b>  |
| <b>Square Feet Per Person</b>                           |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Single detached and manufactured/mobile homes . . . . . | 68,340                     | 1,685                         | 5,678                     | 5,709                     | 5,817        | 17,968                      | 6,230               | 10,833        | 16,693        | 26,854        | 13,960        | 14,272        | 37,772           | 16,295        |
| Less than 200 . . . . .                                 | 1,028                      | 1                             | 329                       | 148                       | 308          | 114                         | 344                 | 124           | 206           | 477           | 222           | 257           | 505              | 266           |
| 200 to 299 . . . . .                                    | 2,595                      | 33                            | 487                       | 249                       | 627          | 196                         | 439                 | 376           | 583           | 1,025         | 612           | 595           | 1,298            | 702           |
| 300 to 399 . . . . .                                    | 4,708                      | 76                            | 675                       | 443                       | 735          | 448                         | 468                 | 646           | 1,188         | 1,814         | 1,060         | 1,013         | 2,592            | 1,102         |
| 400 to 499 . . . . .                                    | 5,740                      | 129                           | 603                       | 468                       | 651          | 724                         | 393                 | 926           | 1,370         | 2,229         | 1,215         | 1,181         | 3,239            | 1,321         |
| 500 to 599 . . . . .                                    | 5,677                      | 107                           | 536                       | 472                       | 543          | 952                         | 389                 | 884           | 1,376         | 2,137         | 1,281         | 1,166         | 3,184            | 1,328         |
| 600 to 699 . . . . .                                    | 6,114                      | 182                           | 477                       | 423                       | 481          | 1,189                       | 364                 | 973           | 1,512         | 2,427         | 1,202         | 1,243         | 3,496            | 1,375         |
| 700 to 799 . . . . .                                    | 5,031                      | 148                           | 442                       | 378                       | 318          | 1,256                       | 360                 | 741           | 1,251         | 2,014         | 1,025         | 982           | 2,799            | 1,251         |
| 800 to 899 . . . . .                                    | 4,290                      | 149                           | 283                       | 261                       | 243          | 1,153                       | 243                 | 648           | 984           | 1,652         | 1,006         | 870           | 2,424            | 996           |
| 900 to 999 . . . . .                                    | 3,984                      | 96                            | 337                       | 286                       | 219          | 1,174                       | 277                 | 565           | 972           | 1,574         | 873           | 844           | 2,213            | 927           |
| 1,000 to 1,499 . . . . .                                | 13,255                     | 344                           | 742                       | 932                       | 669          | 4,701                       | 1,074               | 2,008         | 3,258         | 5,366         | 2,624         | 2,705         | 7,319            | 3,232         |
| 1,500 or more . . . . .                                 | 11,808                     | 321                           | 370                       | 916                       | 515          | 4,715                       | 1,211               | 1,883         | 2,861         | 4,818         | 2,246         | 2,391         | 6,646            | 2,771         |
| Not reported . . . . .                                  | 4,108                      | 100                           | 397                       | 731                       | 509          | 1,346                       | 669                 | 1,060         | 1,131         | 1,322         | 595           | 1,026         | 2,058            | 1,025         |
| <b>Median (square feet) . . . . .</b>                   | <b>800</b>                 | <b>868</b>                    | <b>600</b>                | <b>750</b>                | <b>539</b>   | <b>1,050</b>                | <b>800</b>          | <b>800</b>    | <b>800</b>    | <b>822</b>    | <b>800</b>    | <b>800</b>    | <b>800</b>       | <b>800</b>    |

See footnotes at end of table.

Table C-02-00.

**Rooms, Size, and Amenities—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                       | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |        |        | Inside MSA   |                  | Outside MSA |
|-------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|--------|--------|--------------|------------------|-------------|
|                                                       |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South  | West   | Central city | Not central city |             |
| <b>Lot Size</b>                                       |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| 1-unit structures¹                                    | 70,218                     | 1,737                         | 5,605                     | 6,183                     | 5,931    | 18,393                      | 6,456               | 11,667     | 16,787  | 27,587 | 14,177 | 15,250       | 38,575           | 16,393      |
| Less than 1/8 acre                                    | 9,740                      | 231                           | 1,262                     | 1,235                     | 1,450    | 2,568                       | 1,204               | 1,917      | 2,133   | 2,929  | 2,761  | 3,694        | 4,947            | 1,099       |
| 1/8 up to 1/4 acre                                    | 17,560                     | 382                           | 700                       | 1,737                     | 2,283    | 4,479                       | 1,605               | 2,194      | 4,263   | 5,787  | 5,316  | 5,587        | 9,734            | 2,240       |
| 1/4 up to 1/2 acre                                    | 13,795                     | 354                           | 482                       | 1,214                     | 926      | 3,463                       | 1,054               | 2,180      | 3,691   | 5,361  | 2,564  | 3,216        | 8,168            | 2,412       |
| 1/2 up to 1 acre                                      | 8,826                      | 184                           | 546                       | 803                       | 472      | 2,250                       | 653                 | 1,786      | 1,796   | 4,166  | 1,078  | 1,331        | 5,292            | 2,204       |
| 1 up to 5 acres                                       | 14,402                     | 424                           | 1,813                     | 1,062                     | 646      | 3,840                       | 1,458               | 2,720      | 3,084   | 6,945  | 1,653  | 1,162        | 7,760            | 5,480       |
| 5 up to 10 acres                                      | 2,461                      | 72                            | 399                       | 58                        | 67       | 612                         | 207                 | 334        | 702     | 1,025  | 399    | 111          | 1,262            | 1,088       |
| 10 acres or more                                      | 3,433                      | 90                            | 403                       | 75                        | 87       | 1,181                       | 275                 | 536        | 1,117   | 1,374  | 406    | 149          | 1,413            | 1,871       |
| Median (acres)                                        | 0.30                       | 0.33                          | 0.75                      | 0.25                      | 0.17     | 0.32                        | 0.25                | 0.34       | 0.31    | 0.43   | 0.20   | 0.18         | 0.31             | 1.00        |
| <b>Rooms Used for Business</b>                        |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Business only                                         |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| 1 or more rooms with direct access²                   | 5,233                      | 113                           | 421                       | 519                       | 468      | 1,519                       | 459                 | 777        | 1,086   | 2,446  | 924    | 1,176        | 2,910            | 1,148       |
| 1 or more rooms, no direct access²                    | 5,025                      | 190                           | 190                       | 469                       | 269      | 819                         | 257                 | 747        | 1,095   | 1,937  | 1,246  | 1,212        | 2,903            | 910         |
| Not reported                                          | 482                        | 9                             | 33                        | 38                        | 19       | 139                         | 70                  | 53         | 60      | 285    | 84     | 94           | 229              | 160         |
| Business and other use                                |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| 1 or more rooms                                       | 13,810                     | 392                           | 647                       | 1,014                     | 793      | 2,573                       | 786                 | 2,184      | 3,265   | 5,039  | 3,323  | 3,107        | 8,044            | 2,659       |
| Not reported                                          | 469                        | 9                             | 28                        | 36                        | 20       | 130                         | 72                  | 53         | 57      | 275    | 84     | 89           | 227              | 154         |
| <b>Selected Amenities³</b>                            |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Porch, deck, balcony, or patio                        | 69,885                     | 1,763                         | 5,108                     | 5,854                     | 5,755    | 18,434                      | 6,146               | 11,769     | 16,633  | 27,147 | 14,337 | 15,595       | 38,876           | 15,413      |
| Telephone available                                   | 74,729                     | 1,753                         | 5,530                     | 6,515                     | 6,372    | 19,968                      | 6,839               | 13,297     | 17,773  | 28,600 | 15,060 | 17,022       | 41,302           | 16,405      |
| Usable fireplace                                      | 34,700                     | 1,010                         | 1,098                     | 2,317                     | 2,161    | 8,649                       | 1,869               | 5,456      | 7,538   | 12,870 | 8,836  | 7,409        | 21,485           | 5,806       |
| Separate dining room                                  | 43,300                     | 1,019                         | 1,702                     | 4,042                     | 3,406    | 11,348                      | 3,243               | 8,991      | 9,910   | 16,513 | 7,887  | 10,218       | 25,206           | 7,876       |
| With 2 or more living rooms or recreation rooms, etc. | 31,242                     | 824                           | 932                       | 2,287                     | 1,802    | 8,014                       | 1,586               | 5,632      | 7,962   | 10,765 | 6,884  | 6,340        | 19,024           | 5,877       |
| <b>Vehicle Parking</b>                                |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Garage or carport included with home                  | 60,389                     | 1,591                         | 2,478                     | 4,347                     | 4,942    | 16,441                      | 4,620               | 9,232      | 15,858  | 21,353 | 13,947 | 13,578       | 34,352           | 12,459      |
| Garage or carport not included with home              | 15,663                     | 307                           | 3,190                     | 2,315                     | 1,578    | 3,793                       | 2,373               | 4,246      | 2,175   | 7,742  | 1,501  | 3,799        | 7,600            | 4,264       |
| Driveway or off-street parking available              | 13,719                     | 278                           | 2,980                     | 1,948                     | 1,378    | 3,317                       | 2,045               | 3,369      | 1,861   | 7,161  | 1,328  | 2,744        | 6,977            | 3,998       |
| Driveway or off-street parking not available          | 1,944                      | 29                            | 209                       | 367                       | 200      | 476                         | 328                 | 877        | 313     | 581    | 172    | 1,055        | 623              | 266         |
| Driveway or off-street parking not reported           | Z                          | Z                             | Z                         | Z                         | Z        | Z                           | Z                   | Z          | Z       | Z      | Z      | Z            | Z                | Z           |
| Garage or carport not reported                        | 39                         | Z                             | 10                        | Z                         | 10       | 17                          | 10                  | 3          | Z       | 24     | 12     | 13           | 14               | 11          |
| <b>Vehicles Available³</b>                            |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Vehicle(s) (cars, trucks, or vans)⁴                   | 73,969                     | 1,869                         | 5,437                     | 6,215                     | 6,374    | 18,991                      | 6,326               | 12,811     | 17,580  | 28,371 | 15,207 | 16,502       | 41,134           | 16,332      |
| 1 vehicle                                             | 19,834                     | 415                           | 1,919                     | 2,167                     | 1,576    | 8,021                       | 3,088               | 3,832      | 4,694   | 7,564  | 3,744  | 5,559        | 10,100           | 4,175       |
| 2 vehicles                                            | 33,313                     | 961                           | 2,103                     | 2,456                     | 2,671    | 7,730                       | 2,142               | 5,821      | 8,080   | 12,744 | 6,669  | 7,253        | 18,864           | 7,195       |
| 3 or more vehicles                                    | 20,822                     | 492                           | 1,415                     | 1,592                     | 2,127    | 3,240                       | 1,095               | 3,158      | 4,806   | 8,063  | 4,795  | 3,690        | 12,170           | 4,962       |
| No vehicles                                           | 2,123                      | 29                            | 241                       | 446                       | 156      | 1,259                       | 677                 | 670        | 452     | 748    | 253    | 888          | 833              | 403         |
| Car(s)                                                | 65,221                     | 1,594                         | 4,266                     | 5,528                     | 5,419    | 16,850                      | 5,199               | 11,838     | 15,329  | 24,369 | 13,684 | 14,643       | 36,850           | 13,728      |
| 1 car                                                 | 34,512                     | 795                           | 2,880                     | 3,165                     | 2,812    | 11,288                      | 3,729               | 5,616      | 8,457   | 13,707 | 6,732  | 8,118        | 18,056           | 8,338       |
| 2 cars                                                | 22,808                     | 640                           | 1,033                     | 1,750                     | 1,822    | 4,607                       | 1,147               | 4,594      | 5,144   | 8,037  | 5,033  | 5,014        | 13,705           | 4,089       |
| 3 or more cars                                        | 7,900                      | 159                           | 354                       | 613                       | 784      | 955                         | 322                 | 1,628      | 1,728   | 2,626  | 1,919  | 1,511        | 5,089            | 1,300       |
| No cars                                               | 10,871                     | 304                           | 1,412                     | 1,133                     | 1,112    | 3,401                       | 1,804               | 1,642      | 2,703   | 4,750  | 1,776  | 2,747        | 5,117            | 3,007       |
| Truck(s) or van(s)⁴                                   | 38,853                     | 1,056                         | 3,416                     | 3,029                     | 3,718    | 8,382                       | 3,059               | 4,864      | 9,682   | 16,392 | 7,915  | 7,402        | 20,678           | 10,773      |
| 1 truck or van                                        | 27,547                     | 731                           | 2,176                     | 2,288                     | 2,398    | 6,295                       | 2,228               | 3,737      | 6,919   | 11,256 | 5,634  | 5,410        | 14,836           | 7,301       |
| 2 or more truck(s) or van(s)                          | 11,306                     | 325                           | 1,240                     | 741                       | 1,319    | 2,087                       | 831                 | 1,126      | 2,763   | 5,136  | 2,281  | 1,992        | 5,842            | 3,471       |
| No truck(s) or van(s)                                 | 37,239                     | 842                           | 2,262                     | 3,632                     | 2,813    | 11,869                      | 3,944               | 8,617      | 8,351   | 12,727 | 7,545  | 9,988        | 21,289           | 5,962       |

<sup>1</sup> Does not include cooperatives or condominiums.<sup>2</sup> From the outside.<sup>3</sup> Figures may not add to total because more than one category may apply to a unit.<sup>4</sup> Includes SUVs.

Table C-03-00.

**Heating, Air Conditioning, and Appliances—Owner-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                  | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |              |                             |                     | Regions       |               |               |               | Inside MSA    |                  | Outside MSA   |
|------------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|--------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                                  |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic     | Elderly (65 years and over) | Below poverty level | North-east    | Midwest       | South         | West          | Central city  | Not central city |               |
| <b>Total</b> .....                                               | <b>76,091</b>              | <b>1,898</b>                  | <b>5,678</b>              | <b>6,662</b>              | <b>6,530</b> | <b>20,250</b>               | <b>7,003</b>        | <b>13,480</b> | <b>18,032</b> | <b>29,119</b> | <b>15,460</b> | <b>17,390</b> | <b>41,967</b>    | <b>16,735</b> |
| <b>Units Using Each Fuel<sup>1</sup></b>                         |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Electricity .....                                                | 76,043                     | 1,895                         | 5,678                     | 6,658                     | 6,530        | 20,246                      | 6,990               | 13,469        | 18,010        | 29,104        | 15,460        | 17,390        | 41,950           | 16,703        |
| Piped gas .....                                                  | 46,535                     | 1,054                         | 1,469                     | 4,435                     | 4,527        | 12,106                      | 3,915               | 7,807         | 13,929        | 12,810        | 11,988        | 13,742        | 25,604           | 7,188         |
| Bottled gas .....                                                | 8,148                      | 240                           | 1,259                     | 392                       | 357          | 2,525                       | 810                 | 1,818         | 2,125         | 3,148         | 1,057         | 355           | 3,793            | 3,999         |
| Fuel oil .....                                                   | 6,198                      | 39                            | 216                       | 364                       | 262          | 1,943                       | 519                 | 4,820         | 488           | 719           | 171           | 940           | 3,858            | 1,400         |
| Kerosene or other liquid fuel .....                              | 369                        | 7                             | 181                       | 27                        | 17           | 116                         | 95                  | 163           | 18            | 160           | 28            | 32            | 143              | 195           |
| Coal or coke .....                                               | 68                         | Z                             | 2                         | Z                         | 1            | 10                          | 8                   | 50            | 10            | 7             | 1             | Z             | 48               | 20            |
| Wood .....                                                       | 1,699                      | 22                            | 194                       | 31                        | 74           | 452                         | 214                 | 416           | 397           | 455           | 432           | 42            | 663              | 994           |
| Solar energy .....                                               | 134                        | 4                             | Z                         | 2                         | 13           | 41                          | 2                   | 19            | 4             | 26            | 84            | 13            | 106              | 15            |
| Other .....                                                      | 325                        | 17                            | 18                        | 26                        | 14           | 98                          | 35                  | 71            | 80            | 93            | 82            | 80            | 158              | 88            |
| All electric units .....                                         | 18,269                     | 645                           | 2,801                     | 1,827                     | 1,525        | 4,659                       | 1,878               | 903           | 1,662         | 13,471        | 2,233         | 3,178         | 10,351           | 4,741         |
| <b>Main Heating Equipment</b>                                    |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Warm-air furnace .....                                           | 51,672                     | 1,353                         | 4,053                     | 4,550                     | 4,265        | 13,170                      | 4,315               | 6,608         | 15,481        | 17,999        | 11,584        | 12,489        | 28,734           | 10,450        |
| Steam or hot water system .....                                  | 7,365                      | 49                            | 26                        | 621                       | 410          | 2,219                       | 559                 | 5,480         | 1,046         | 351           | 488           | 1,867         | 4,200            | 1,298         |
| Electric heat pump .....                                         | 9,782                      | 390                           | 931                       | 822                       | 753          | 2,499                       | 833                 | 302           | 573           | 7,868         | 1,038         | 1,780         | 5,684            | 2,319         |
| Built-in electric units .....                                    | 1,999                      | 26                            | 54                        | 129                       | 107          | 660                         | 201                 | 574           | 396           | 436           | 592           | 260           | 1,049            | 689           |
| Floor, wall, or other built-in hot-air units without ducts ..... | 1,808                      | 22                            | 97                        | 169                       | 401          | 618                         | 327                 | 174           | 184           | 607           | 843           | 495           | 861              | 453           |
| Room heaters with flue .....                                     | 555                        | 14                            | 39                        | 67                        | 42           | 249                         | 110                 | 72            | 66            | 284           | 134           | 65            | 192              | 298           |
| Room heaters without flue .....                                  | 629                        | 3                             | 73                        | 157                       | 128          | 234                         | 175                 | 13            | 40            | 546           | 30            | 136           | 157              | 336           |
| Portable electric heaters .....                                  | 720                        | 3                             | 220                       | 90                        | 255          | 169                         | 234                 | 2             | 44            | 515           | 158           | 195           | 327              | 198           |
| Stoves .....                                                     | 879                        | 11                            | 126                       | 21                        | 47           | 214                         | 142                 | 191           | 133           | 292           | 263           | 18            | 344              | 518           |
| Fireplaces with inserts .....                                    | 165                        | Z                             | 1                         | 5                         | 8            | 63                          | 10                  | 18            | 38            | 44            | 65            | 13            | 72               | 81            |
| Fireplaces without inserts .....                                 | 46                         | Z                             | 2                         | 5                         | 14           | 14                          | 12                  | Z             | 3             | 19            | 23            | 2             | 25               | 18            |
| Cooking stove .....                                              | 37                         | Z                             | 12                        | 4                         | 24           | 14                          | 10                  | Z             | Z             | 32            | 5             | 12            | 12               | 13            |
| Other .....                                                      | 220                        | 11                            | 33                        | 20                        | 32           | 64                          | 59                  | 43            | 27            | 112           | 38            | 43            | 117              | 59            |
| None .....                                                       | 215                        | 16                            | 10                        | 1                         | 44           | 63                          | 17                  | 3             | Z             | 14            | 198           | 16            | 195              | 4             |
| <b>Main House Heating Fuel</b>                                   |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Housing units with heating fuel .....                            | 75,876                     | 1,881                         | 5,668                     | 6,661                     | 6,486        | 20,187                      | 6,986               | 13,478        | 18,032        | 29,105        | 15,262        | 17,374        | 41,772           | 16,730        |
| Electricity .....                                                | 22,901                     | 860                           | 3,100                     | 2,344                     | 2,311        | 5,680                       | 2,413               | 1,218         | 2,184         | 15,956        | 3,543         | 4,559         | 12,693           | 5,648         |
| Piped gas .....                                                  | 40,657                     | 847                           | 1,250                     | 3,678                     | 3,661        | 10,705                      | 3,307               | 6,619         | 13,273        | 10,332        | 10,433        | 11,689        | 22,658           | 6,309         |
| Bottled gas .....                                                | 4,540                      | 107                           | 776                       | 252                       | 190          | 1,435                       | 487                 | 597           | 1,711         | 1,569         | 664           | 215           | 1,968            | 2,357         |
| Fuel oil .....                                                   | 5,490                      | 26                            | 159                       | 325                       | 226          | 1,748                       | 457                 | 4,382         | 393           | 587           | 128           | 812           | 3,521            | 1,156         |
| Kerosene or other liquid fuel .....                              | 357                        | 7                             | 178                       | 27                        | 17           | 113                         | 91                  | 159           | 12            | 160           | 25            | 29            | 139              | 188           |
| Coal or coke .....                                               | 65                         | Z                             | 2                         | Z                         | 1            | 10                          | 5                   | 47            | 10            | 7             | 1             | Z             | 48               | 17            |
| Wood .....                                                       | 1,694                      | 22                            | 190                       | 31                        | 74           | 451                         | 211                 | 414           | 397           | 451           | 432           | 42            | 661              | 990           |
| Solar energy .....                                               | 10                         | Z                             | Z                         | Z                         | 1            | Z                           | 1                   | 2             | Z             | 3             | 5             | 1             | 5                | 4             |
| Other .....                                                      | 164                        | 13                            | 13                        | 4                         | 5            | 45                          | 14                  | 39            | 53            | 41            | 31            | 26            | 78               | 60            |
| <b>Other Heating Equipment<sup>1</sup></b>                       |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Warm-air furnace .....                                           | 226                        | 7                             | 19                        | 3                         | 3            | 62                          | 12                  | 35            | 82            | 60            | 48            | 16            | 103              | 106           |
| Steam or hot water system .....                                  | 35                         | Z                             | Z                         | 4                         | Z            | 21                          | Z                   | 22            | 6             | 4             | 3             | 1             | 19               | 15            |
| Electric heat pump .....                                         | 52                         | Z                             | 2                         | 2                         | 2            | 24                          | 2                   | 6             | 17            | 17            | 13            | 10            | 16               | 26            |
| Built-in electric units .....                                    | 1,736                      | 19                            | 88                        | 113                       | 81           | 482                         | 149                 | 419           | 433           | 464           | 420           | 295           | 897              | 544           |
| Floor, wall, or other built-in hot-air units without ducts ..... | 58                         | Z                             | 5                         | 1                         | Z            | 22                          | 4                   | 18            | 8             | 18            | 13            | 4             | 27               | 27            |
| Room heaters with flue .....                                     | 696                        | 7                             | 80                        | 37                        | 30           | 309                         | 75                  | 187           | 127           | 254           | 127           | 78            | 324              | 293           |
| Room heaters without flue .....                                  | 1,235                      | 3                             | 173                       | 149                       | 66           | 392                         | 168                 | 180           | 255           | 697           | 103           | 187           | 514              | 535           |
| Portable electric heaters .....                                  | 10,889                     | 138                           | 952                       | 1,151                     | 760          | 3,106                       | 1,007               | 1,775         | 2,819         | 3,786         | 2,509         | 2,611         | 5,717            | 2,562         |
| Stoves .....                                                     | 3,624                      | 31                            | 280                       | 72                        | 134          | 951                         | 300                 | 1,085         | 797           | 857           | 885           | 262           | 1,901            | 1,462         |
| Fireplaces with inserts .....                                    | 4,730                      | 198                           | 298                       | 340                       | 231          | 1,139                       | 286                 | 676           | 984           | 1,808         | 1,261         | 746           | 2,648            | 1,336         |
| Fireplaces without inserts .....                                 | 4,850                      | 174                           | 209                       | 425                       | 426          | 926                         | 307                 | 588           | 743           | 2,111         | 1,408         | 1,022         | 2,913            | 915           |
| Cooking stove .....                                              | 50                         | Z                             | 2                         | 2                         | 2            | 22                          | 2                   | 6             | 15            | 17            | 13            | 10            | 16               | 24            |
| Other .....                                                      | 696                        | 16                            | 48                        | 27                        | 35           | 197                         | 43                  | 182           | 168           | 189           | 158           | 92            | 339              | 265           |
| None .....                                                       | 49,983                     | 1,314                         | 3,684                     | 4,532                     | 4,865        | 13,298                      | 4,783               | 8,867         | 12,160        | 19,730        | 9,225         | 12,468        | 27,965           | 9,551         |
| <b>Air Conditioning<sup>2</sup></b>                              |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Central .....                                                    | 55,133                     | 1,676                         | 3,719                     | 4,691                     | 4,507        | 14,120                      | 4,300               | 5,965         | 14,244        | 25,798        | 9,126         | 12,293        | 31,980           | 10,859        |
| Additional central .....                                         | 5,278                      | 251                           | 249                       | 424                       | 445          | 1,221                       | 334                 | 366           | 695           | 3,346         | 871           | 1,236         | 3,114            | 928           |
| Room (air conditioning) units:                                   |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| 1 unit .....                                                     | 5,101                      | 50                            | 576                       | 448                       | 368          | 1,691                       | 762                 | 1,781         | 1,389         | 687           | 1,245         | 1,188         | 2,284            | 1,629         |
| 2 units .....                                                    | 4,810                      | 20                            | 525                       | 599                       | 422          | 1,326                       | 721                 | 2,168         | 1,055         | 1,128         | 459           | 1,165         | 2,269            | 1,376         |
| 3 units or more .....                                            | 3,913                      | 4                             | 313                       | 519                       | 476          | 893                         | 419                 | 2,167         | 445           | 1,129         | 172           | 1,009         | 2,026            | 879           |

See footnotes at end of table.

Table C-03-00.

**Heating, Air Conditioning, and Appliances—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                           | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |        |        | Inside MSA   |                  |        | Outside MSA |
|---------------------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|--------|--------|--------------|------------------|--------|-------------|
|                                                                           |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South  | West   | Central city | Not central city |        |             |
|                                                                           |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |        |             |
| <b>Central Air Conditioning Fuel</b>                                      |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |        |             |
| With central air conditioning . . . . .                                   | 55,133                     | 1,676                         | 3,719                     | 4,691                     | 4,507    | 14,120                      | 4,300               | 5,965      | 14,244  | 25,798 | 9,126  | 12,293       | 31,980           | 10,859 |             |
| Electricity . . . . .                                                     | 53,661                     | 1,625                         | 3,652                     | 4,566                     | 4,383    | 13,645                      | 4,186               | 5,665      | 13,808  | 25,480 | 8,707  | 11,881       | 31,204           | 10,576 |             |
| Piped gas . . . . .                                                       | 1,239                      | 48                            | 22                        | 113                       | 121      | 381                         | 102                 | 264        | 361     | 239    | 376    | 391          | 676              | 172    |             |
| Other . . . . .                                                           | 232                        | 3                             | 45                        | 13                        | 3        | 95                          | 11                  | 37         | 75      | 79     | 42     | 22           | 100              | 111    |             |
| <b>Other Central Air Fuel</b>                                             |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |        |             |
| With other central air . . . . .                                          | 5,278                      | 251                           | 249                       | 424                       | 445      | 1,221                       | 334                 | 366        | 695     | 3,346  | 871    | 1,236        | 3,114            | 928    |             |
| Electricity . . . . .                                                     | 5,108                      | 246                           | 243                       | 405                       | 427      | 1,179                       | 326                 | 337        | 679     | 3,257  | 834    | 1,191        | 3,012            | 905    |             |
| Gas . . . . .                                                             | 152                        | 6                             | 3                         | 19                        | 15       | 37                          | 8                   | 26         | 16      | 82     | 28     | 42           | 90               | 20     |             |
| Other . . . . .                                                           | 18                         | Z                             | 2                         | Z                         | 3        | 5                           | 1                   | 2          | Z       | 7      | 9      | 3            | 11               | 3      |             |
| <b>Water Heating Fuel</b>                                                 |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |        |             |
| With hot piped water . . . . .                                            | 75,996                     | 1,891                         | 5,661                     | 6,641                     | 6,521    | 20,235                      | 6,959               | 13,469     | 18,022  | 29,058 | 15,446 | 17,375       | 41,935           | 16,686 |             |
| Electricity . . . . .                                                     | 29,633                     | 903                           | 4,304                     | 2,739                     | 2,170    | 8,110                       | 3,223               | 3,151      | 4,767   | 17,998 | 3,716  | 4,700        | 15,760           | 9,173  |             |
| Piped gas . . . . .                                                       | 39,807                     | 855                           | 974                       | 3,631                     | 4,029    | 10,217                      | 3,241               | 6,708      | 12,132  | 10,012 | 10,955 | 11,958       | 22,460           | 5,389  |             |
| Bottled gas . . . . .                                                     | 3,181                      | 107                           | 364                       | 128                       | 161      | 913                         | 257                 | 621        | 1,010   | 884    | 667    | 199          | 1,500            | 1,483  |             |
| Fuel oil . . . . .                                                        | 3,040                      | 14                            | 10                        | 136                       | 142      | 911                         | 211                 | 2,894      | 31      | 113    | 1      | 483          | 2,025            | 532    |             |
| Solar energy . . . . .                                                    | 126                        | 4                             | Z                         | 2                         | 12       | 40                          | 1                   | 17         | 4       | 25     | 80     | 13           | 103              | 11     |             |
| Other . . . . .                                                           | 209                        | 8                             | 9                         | 5                         | 7        | 44                          | 26                  | 78         | 78      | 25     | 28     | 23           | 88               | 98     |             |
| <b>Kitchen and Laundry Equipment<sup>1</sup></b>                          |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |        |             |
| With complete kitchen (sink, refrigerator, and oven or burners) . . . . . | 75,642                     | 1,885                         | 5,632                     | 6,605                     | 6,467    | 20,140                      | 6,915               | 13,380     | 17,937  | 28,952 | 15,373 | 17,252       | 41,776           | 16,614 |             |
| Lacking complete kitchen facilities . . . . .                             | 450                        | 12                            | 46                        | 56                        | 63       | 110                         | 88                  | 101        | 96      | 167    | 87     | 138          | 191              | 121    |             |
| Kitchen sink . . . . .                                                    | 75,954                     | 1,888                         | 5,648                     | 6,652                     | 6,507    | 20,224                      | 6,973               | 13,459     | 18,001  | 29,057 | 15,436 | 17,369       | 41,896           | 16,689 |             |
| Disposal in kitchen sink . . . . .                                        | 40,715                     | 1,375                         | 1,014                     | 2,749                     | 3,391    | 9,753                       | 2,360               | 4,308      | 9,850   | 14,720 | 11,837 | 10,613       | 24,529           | 5,573  |             |
| Refrigerator . . . . .                                                    | 75,916                     | 1,894                         | 5,656                     | 6,624                     | 6,503    | 20,205                      | 6,950               | 13,453     | 17,984  | 29,051 | 15,428 | 17,353       | 41,900           | 16,663 |             |
| Cooking stove or range . . . . .                                          | 75,796                     | 1,886                         | 5,620                     | 6,628                     | 6,501    | 20,189                      | 6,937               | 13,441     | 17,964  | 28,971 | 15,420 | 17,333       | 41,820           | 16,642 |             |
| Burners, no stove or range . . . . .                                      | 97                         | Z                             | 16                        | 8                         | 14       | 23                          | 24                  | 15         | 23      | 37     | 23     | 23           | 53               | 21     |             |
| Microwave oven only . . . . .                                             | 156                        | 7                             | 33                        | 13                        | 6        | 26                          | 31                  | 20         | 41      | 83     | 12     | 21           | 77               | 58     |             |
| Dishwasher . . . . .                                                      | 57,759                     | 1,784                         | 3,161                     | 3,739                     | 3,773    | 14,077                      | 3,664               | 10,133     | 12,849  | 22,086 | 12,692 | 12,397       | 34,293           | 11,069 |             |
| Trash compactor . . . . .                                                 | 2,982                      | 110                           | 50                        | 280                       | 243      | 894                         | 152                 | 423        | 488     | 1,138  | 932    | 696          | 1,824            | 461    |             |
| Washing machine . . . . .                                                 | 73,624                     | 1,866                         | 5,384                     | 6,237                     | 6,150    | 19,505                      | 6,503               | 12,685     | 17,594  | 28,310 | 15,035 | 16,340       | 40,964           | 16,320 |             |
| Clothes dryer . . . . .                                                   | 72,397                     | 1,851                         | 5,254                     | 5,959                     | 5,867    | 18,968                      | 6,186               | 12,319     | 17,447  | 27,792 | 14,839 | 15,897       | 40,483           | 16,017 |             |
| <b>ENERGY STAR® Rated Appliances<sup>1</sup></b>                          |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |        |             |
| Refrigerator . . . . .                                                    | 32,006                     | 1,334                         | 1,726                     | 2,359                     | 2,482    | 7,062                       | 2,110               | 6,539      | 6,821   | 11,081 | 7,565  | 7,105        | 18,329           | 6,572  |             |
| Dishwasher . . . . .                                                      | 22,417                     | 1,228                         | 1,020                     | 1,265                     | 1,331    | 4,207                       | 1,108               | 4,557      | 4,610   | 7,855  | 5,395  | 4,592        | 13,544           | 4,281  |             |
| Trash compactor . . . . .                                                 | 580                        | 64                            | 16                        | 46                        | 56       | 119                         | 19                  | 84         | 67      | 204    | 225    | 113          | 359              | 109    |             |
| Washing machine . . . . .                                                 | 29,293                     | 1,313                         | 1,576                     | 2,101                     | 2,287    | 5,771                       | 1,744               | 5,643      | 6,284   | 10,329 | 7,037  | 6,356        | 16,801           | 6,136  |             |
| Clothes dryer . . . . .                                                   | 12,380                     | 294                           | 879                       | 1,043                     | 1,045    | 2,565                       | 872                 | 2,225      | 2,895   | 4,384  | 2,876  | 2,708        | 6,929            | 2,743  |             |
| Central air conditioning equipment . . . . .                              | 13,448                     | 990                           | 687                       | 968                       | 1,015    | 2,945                       | 760                 | 1,653      | 3,193   | 6,098  | 2,505  | 2,797        | 7,957            | 2,694  |             |
| Room air conditioner . . . . .                                            | 6,471                      | 46                            | 685                       | 747                       | 542      | 1,451                       | 622                 | 2,985      | 1,153   | 1,577  | 755    | 1,604        | 3,258            | 1,609  |             |
| Heating equipment . . . . .                                               | 15,021                     | 857                           | 753                       | 1,033                     | 985      | 3,303                       | 864                 | 2,908      | 4,107   | 4,748  | 3,256  | 3,240        | 8,634            | 3,146  |             |
| <b>Cooking Fuel</b>                                                       |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |        |             |
| With cooking fuel . . . . .                                               | 76,044                     | 1,893                         | 5,667                     | 6,649                     | 6,518    | 20,238                      | 6,990               | 13,476     | 18,026  | 29,087 | 15,454 | 17,377       | 41,949           | 16,718 |             |
| Electricity . . . . .                                                     | 45,154                     | 1,037                         | 3,634                     | 3,525                     | 2,792    | 12,534                      | 3,960               | 6,339      | 10,258  | 21,114 | 7,444  | 8,886        | 24,775           | 11,493 |             |
| Piped gas . . . . .                                                       | 26,537                     | 722                           | 1,150                     | 2,892                     | 3,456    | 6,434                       | 2,521               | 5,807      | 6,793   | 6,531  | 7,406  | 8,287        | 15,059           | 3,190  |             |
| Bottled gas . . . . .                                                     | 4,265                      | 130                           | 869                       | 231                       | 267      | 1,253                       | 489                 | 1,312      | 960     | 1,406  | 587    | 186          | 2,083            | 1,996  |             |
| Other . . . . .                                                           | 88                         | 4                             | 13                        | 1                         | 4        | 17                          | 21                  | 18         | 15      | 37     | 19     | 17           | 32               | 39     |             |
| <b>Clothes Dryer Fuel</b>                                                 |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |        |             |
| With clothes dryer . . . . .                                              | 72,397                     | 1,851                         | 5,254                     | 5,959                     | 5,867    | 18,968                      | 6,186               | 12,319     | 17,447  | 27,792 | 14,839 | 15,897       | 40,483           | 16,017 |             |
| Electricity . . . . .                                                     | 55,333                     | 1,483                         | 4,768                     | 4,638                     | 4,094    | 14,564                      | 4,881               | 8,353      | 11,792  | 25,470 | 9,719  | 11,465       | 29,543           | 14,326 |             |
| Piped gas . . . . .                                                       | 15,859                     | 333                           | 354                       | 1,301                     | 1,719    | 4,061                       | 1,232               | 3,529      | 5,307   | 2,133  | 4,891  | 4,364        | 10,295           | 1,201  |             |
| Other . . . . .                                                           | 1,204                      | 35                            | 132                       | 20                        | 55       | 343                         | 73                  | 437        | 349     | 190    | 229    | 69           | 646              | 490    |             |

<sup>1</sup> Figures may not add to total because more than one category may apply to a unit.<sup>2</sup> Includes only those who responded they had some type of air conditioning.

Table C-04-00.

**Plumbing, Water, and Sewage Disposal—Owner-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                         | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |              |                             |                     | Regions       |               |               |               | Inside MSA    |                  | Outside MSA   |
|---------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|--------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                         |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic     | Elderly (65 years and over) | Below poverty level | North-east    | Midwest       | South         | West          | Central city  | Not central city |               |
| <b>Total</b> .....                                      | <b>76,091</b>              | <b>1,898</b>                  | <b>5,678</b>              | <b>6,662</b>              | <b>6,530</b> | <b>20,250</b>               | <b>7,003</b>        | <b>13,480</b> | <b>18,032</b> | <b>29,119</b> | <b>15,460</b> | <b>17,390</b> | <b>41,967</b>    | <b>16,735</b> |
| <b>Primary Source of Water</b>                          |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Public or private system .....                          | 64,327                     | 1,641                         | 4,024                     | 6,224                     | 6,130        | 16,838                      | 5,832               | 10,602        | 14,573        | 24,998        | 14,154        | 16,990        | 35,744           | 11,593        |
| Well serving 1 to 5 units .....                         | 11,515                     | 247                           | 1,615                     | 433                       | 390          | 3,326                       | 1,138               | 2,814         | 3,418         | 4,014         | 1,269         | 394           | 6,128            | 4,994         |
| Drilled .....                                           | 10,518                     | 226                           | 1,457                     | 359                       | 347          | 3,052                       | 1,025               | 2,500         | 3,173         | 3,673         | 1,172         | 357           | 5,643            | 4,518         |
| Dug .....                                               | 689                        | 14                            | 138                       | 58                        | 26           | 236                         | 89                  | 213           | 158           | 262           | 55            | 19            | 327              | 343           |
| Not reported .....                                      | 309                        | 6                             | 20                        | 15                        | 17           | 39                          | 24                  | 101           | 86            | 80            | 42            | 18            | 158              | 133           |
| Other .....                                             | 249                        | 9                             | 39                        | 6                         | 10           | 86                          | 33                  | 64            | 42            | 107           | 37            | 6             | 96               | 147           |
| <b>Safety of Primary Source of Water</b>                |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Selected primary water sources <sup>1</sup> .....       | 76,068                     | 1,894                         | 5,678                     | 6,656                     | 6,523        | 20,247                      | 7,000               | 13,480        | 18,032        | 29,100        | 15,455        | 17,384        | 41,953           | 16,731        |
| Safe to drink .....                                     | 70,716                     | 1,754                         | 5,155                     | 6,004                     | 5,386        | 19,114                      | 6,212               | 12,670        | 17,169        | 27,012        | 13,865        | 15,949        | 39,053           | 15,714        |
| Not safe to drink .....                                 | 4,684                      | 122                           | 470                       | 577                       | 1,098        | 923                         | 680                 | 711           | 745           | 1,765         | 1,462         | 1,295         | 2,543            | 846           |
| Safety not reported .....                               | 668                        | 18                            | 53                        | 76                        | 39           | 210                         | 109                 | 99            | 118           | 323           | 128           | 140           | 358              | 170           |
| <b>Safety of Well Water</b>                             |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Well primary source of water ..                         | 11,990                     | 257                           | 1,784                     | 439                       | 413          | 3,432                       | 1,199               | 2,907         | 3,581         | 4,171         | 1,330         | 413           | 6,344            | 5,232         |
| Well has been disinfected .....                         | 3,618                      | 62                            | 457                       | 101                       | 106          | 1,039                       | 355                 | 790           | 1,164         | 1,273         | 391           | 108           | 1,955            | 1,555         |
| Well has not been disinfected ..                        | 7,825                      | 187                           | 1,215                     | 327                       | 277          | 2,249                       | 792                 | 2,003         | 2,269         | 2,728         | 825           | 273           | 4,092            | 3,460         |
| Not reported .....                                      | 547                        | 8                             | 111                       | 12                        | 31           | 144                         | 52                  | 114           | 148           | 171           | 114           | 32            | 298              | 217           |
| <b>Source of Drinking Water</b>                         |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Primary source not safe to drink .....                  | 4,684                      | 122                           | 470                       | 577                       | 1,098        | 923                         | 680                 | 711           | 745           | 1,765         | 1,462         | 1,295         | 2,543            | 846           |
| Drinking and primary water source the same .....        | 743                        | 18                            | 92                        | 94                        | 110          | 156                         | 94                  | 141           | 136           | 320           | 145           | 189           | 415              | 139           |
| Public or private system .....                          | 680                        | 15                            | 78                        | 94                        | 108          | 134                         | 88                  | 122           | 126           | 298           | 134           | 186           | 386              | 107           |
| Individual well .....                                   | 57                         | 2                             | 10                        | Z                         | 1            | 19                          | 6                   | 17            | 10            | 22            | 7             | 3             | 24               | 30            |
| Other .....                                             | 6                          | Z                             | 4                         | Z                         | Z            | 3                           | Z                   | 2             | Z             | Z             | 4             | Z             | 4                | 2             |
| Drinking and primary water source different .....       | 3,935                      | 104                           | 377                       | 482                       | 988          | 767                         | 585                 | 570           | 607           | 1,445         | 1,313         | 1,106         | 2,122            | 708           |
| Public or private system .....                          | 9                          | Z                             | Z                         | Z                         | Z            | Z                           | Z                   | 8             | Z             | Z             | Z             | Z             | 9                | Z             |
| Individual well .....                                   | 27                         | Z                             | 9                         | Z                         | 3            | 6                           | Z                   | Z             | 4             | 19            | 4             | 8             | 6                | 13            |
| Commercial bottled water .....                          | 2,951                      | 64                            | 313                       | 417                       | 797          | 569                         | 468                 | 447           | 433           | 1,141         | 930           | 841           | 1,575            | 535           |
| Other .....                                             | 948                        | 40                            | 55                        | 65                        | 188          | 192                         | 116                 | 114           | 169           | 286           | 380           | 257           | 532              | 159           |
| Source of drinking water not reported ..                | 7                          | Z                             | Z                         | Z                         | Z            | Z                           | Z                   | Z             | 3             | Z             | 4             | Z             | 6                | Z             |
| <b>Plumbing Facilities</b>                              |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| With all plumbing facilities .....                      | 75,453                     | 1,886                         | 5,602                     | 6,573                     | 6,438        | 20,051                      | 6,879               | 13,318        | 17,913        | 28,852        | 15,370        | 17,185        | 41,710           | 16,559        |
| Lacking some or all plumbing facilities <sup>2</sup> .. | 638                        | 12                            | 76                        | 89                        | 92           | 200                         | 124                 | 162           | 119           | 267           | 90            | 205           | 257              | 176           |
| No hot piped water .....                                | 95                         | 7                             | 17                        | 20                        | 9            | 15                          | 44                  | 11            | 10            | 60            | 14            | 15            | 31               | 49            |
| No bathtub and no shower .....                          | 54                         | 10                            | 7                         | 6                         | 9            | 8                           | 20                  | 5             | 4             | 34            | 10            | 3             | 18               | 32            |
| No flush toilet .....                                   | 55                         | 7                             | Z                         | 10                        | Z            | 10                          | 11                  | 3             | 8             | 36            | 8             | 2             | 14               | 39            |
| No exclusive use .....                                  | 523                        | 2                             | 52                        | 66                        | 74           | 185                         | 70                  | 149           | 109           | 191           | 74            | 187           | 220              | 116           |
| <b>Means of Sewage Disposal</b>                         |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Public sewer .....                                      | 56,649                     | 1,396                         | 2,601                     | 5,823                     | 5,735        | 14,630                      | 5,084               | 9,754         | 13,630        | 20,301        | 12,965        | 16,682        | 31,592           | 8,375         |
| Septic tank, cesspool, or chemical toilet .....         | 19,418                     | 495                           | 3,077                     | 833                       | 796          | 5,615                       | 1,913               | 3,727         | 4,401         | 8,795         | 2,495         | 708           | 10,363           | 8,347         |
| Other .....                                             | 24                         | 7                             | Z                         | 6                         | Z            | 5                           | 7                   | Z             | 1             | 23            | Z             | Z             | 11               | 13            |

<sup>1</sup> Excludes units where primary source of drinking water is commercial bottled water.<sup>2</sup> Figures may not add to total because more than one category may apply to a unit.

Table C-05-00.

**Housing Problems—Owner-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                      | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |              |                             |                     | Regions       |               |               |               | Inside MSA    |                  | Outside MSA   |
|----------------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|--------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                                      |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic     | Elderly (65 years and over) | Below poverty level | North-east    | Midwest       | South         | West          | Central city  | Not central city |               |
| <b>Total</b> .....                                                   | <b>76,091</b>              | <b>1,898</b>                  | <b>5,678</b>              | <b>6,662</b>              | <b>6,530</b> | <b>20,250</b>               | <b>7,003</b>        | <b>13,480</b> | <b>18,032</b> | <b>29,119</b> | <b>15,460</b> | <b>17,390</b> | <b>41,967</b>    | <b>16,735</b> |
| <b>Selected Physical Problems</b>                                    |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Severe physical problems <sup>1</sup> .....                          | 918                        | 19                            | 120                       | 141                       | 118          | 248                         | 168                 | 221           | 179           | 372           | 146           | 281           | 402              | 234           |
| Plumbing .....                                                       | 638                        | 12                            | 76                        | 89                        | 92           | 200                         | 124                 | 162           | 119           | 267           | 90            | 205           | 257              | 176           |
| Heating .....                                                        | 238                        | 5                             | 39                        | 47                        | 26           | 37                          | 37                  | 46            | 42            | 97            | 54            | 71            | 128              | 38            |
| Electric .....                                                       | 49                         | 2                             | Z                         | 4                         | Z            | 5                           | 13                  | 11            | 22            | 15            | 1             | 1             | 16               | 32            |
| Upkeep .....                                                         | 22                         | Z                             | 7                         | 7                         | 2            | 7                           | 4                   | 5             | Z             | 15            | 2             | 6             | 7                | 9             |
| Moderate physical problems <sup>1</sup> .....                        | 1,599                      | 6                             | 208                       | 299                       | 238          | 416                         | 368                 | 269           | 281           | 838           | 210           | 434           | 582              | 582           |
| Plumbing .....                                                       | 78                         | Z                             | 2                         | 4                         | 14           | 11                          | 12                  | 15            | 27            | 22            | 13            | 20            | 43               | 14            |
| Heating .....                                                        | 617                        | 3                             | 73                        | 148                       | 128          | 229                         | 172                 | 13            | 39            | 535           | 30            | 135           | 154              | 328           |
| Upkeep .....                                                         | 542                        | Z                             | 97                        | 104                       | 41           | 84                          | 128                 | 151           | 142           | 166           | 84            | 162           | 210              | 170           |
| Kitchen .....                                                        | 395                        | 3                             | 43                        | 47                        | 57           | 103                         | 71                  | 92            | 86            | 131           | 86            | 128           | 180              | 87            |
| <b>Selected Deficiencies<sup>1</sup></b>                             |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Signs of rats in last 12 months .....                                | 661                        | 5                             | 98                        | 83                        | 128          | 144                         | 108                 | 41            | 40            | 357           | 223           | 204           | 322              | 134           |
| Signs of mice in last 12 months .....                                | 8,877                      | 97                            | 1,153                     | 692                       | 498          | 2,185                       | 909                 | 2,450         | 2,337         | 2,808         | 1,283         | 1,514         | 4,473            | 2,890         |
| Signs of rodents, not sure which kind in last 12 months .....        | 366                        | 2                             | 33                        | 52                        | 65           | 76                          | 68                  | 36            | 40            | 201           | 90            | 95            | 214              | 57            |
| Signs of cockroaches in last 12 months .....                         | 6,273                      | 82                            | 630                       | 873                       | 1,038        | 1,521                       | 874                 | 241           | 237           | 4,848         | 947           | 2,043         | 3,337            | 893           |
| Holes in floors .....                                                | 566                        | 14                            | 143                       | 65                        | 58           | 121                         | 140                 | 113           | 108           | 255           | 90            | 104           | 256              | 206           |
| Open cracks or holes (interior) .....                                | 3,180                      | 41                            | 352                       | 437                       | 362          | 531                         | 526                 | 595           | 783           | 1,291         | 511           | 847           | 1,525            | 808           |
| Broken plaster or peeling paint (interior) .....                     | 1,156                      | 10                            | 105                       | 182                       | 98           | 215                         | 184                 | 255           | 304           | 383           | 214           | 350           | 496              | 310           |
| No electrical wiring .....                                           | 82                         | 6                             | 3                         | 6                         | 11           | 22                          | 22                  | 17            | 22            | 39            | 4             | 16            | 37               | 28            |
| Exposed wiring .....                                                 | 998                        | 27                            | 95                        | 74                        | 121          | 238                         | 149                 | 137           | 234           | 385           | 241           | 198           | 471              | 329           |
| Rooms without electric outlets .....                                 | 387                        | 24                            | 30                        | 44                        | 30           | 80                          | 75                  | 64            | 81            | 168           | 74            | 91            | 177              | 120           |
| <b>Flush Toilet Breakdowns</b>                                       |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| With one or more flush toilets .....                                 | 76,036                     | 1,891                         | 5,678                     | 6,651                     | 6,530        | 20,241                      | 6,992               | 13,477        | 18,025        | 29,083        | 15,452        | 17,388        | 41,953           | 16,696        |
| With at least one toilet working at all times in last 3 months ..... | 74,437                     | 1,872                         | 5,584                     | 6,486                     | 6,377        | 19,867                      | 6,746               | 13,181        | 17,715        | 28,421        | 15,120        | 17,040        | 41,111           | 16,286        |
| None working some time in last 3 months .....                        | 807                        | 5                             | 53                        | 80                        | 120          | 129                         | 116                 | 178           | 169           | 279           | 182           | 212           | 421              | 174           |
| No breakdowns lasting 6 hours or more .....                          | 214                        | 2                             | 6                         | 6                         | 30           | 41                          | 23                  | 42            | 52            | 64            | 56            | 43            | 120              | 51            |
| Number of breakdowns that lasted 6 hours or more:                    |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| 1 .....                                                              | 428                        | 3                             | 29                        | 42                        | 60           | 68                          | 58                  | 98            | 70            | 165           | 95            | 119           | 211              | 97            |
| 2 .....                                                              | 65                         | Z                             | 6                         | 12                        | 13           | 9                           | 10                  | 21            | 15            | 13            | 16            | 21            | 39               | 5             |
| 3 .....                                                              | 20                         | Z                             | Z                         | 4                         | 3            | 3                           | 3                   | 1             | 9             | 8             | 2             | 8             | 9                | 4             |
| 4 or more .....                                                      | 72                         | Z                             | 7                         | 12                        | 14           | 8                           | 14                  | 15            | 18            | 26            | 12            | 18            | 41               | 13            |
| Number of breakdowns not reported .....                              | 9                          | Z                             | 4                         | 3                         | Z            | Z                           | 7                   | Z             | 4             | 3             | 1             | 4             | 1                | 4             |
| Breakdowns not reported .....                                        | 792                        | 14                            | 41                        | 86                        | 33           | 245                         | 129                 | 118           | 142           | 383           | 149           | 136           | 421              | 235           |
| <b>Heating Problems</b>                                              |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| With heating equipment and occupied last winter .....                | 73,996                     | 1,788                         | 5,473                     | 6,544                     | 6,258        | 20,027                      | 6,780               | 13,197        | 17,627        | 28,415        | 14,757        | 16,904        | 40,749           | 16,343        |
| Not uncomfortably cold for 24 hours or more .....                    | 66,999                     | 1,683                         | 4,655                     | 5,735                     | 5,648        | 18,404                      | 5,808               | 11,801        | 16,019        | 25,769        | 13,410        | 15,400        | 36,986           | 14,613        |
| Uncomfortably cold for 24 hours or more <sup>2</sup> .....           | 5,569                      | 89                            | 696                       | 641                       | 554          | 1,144                       | 726                 | 1,163         | 1,309         | 2,034         | 1,061         | 1,214         | 3,021            | 1,334         |
| Equipment breakdowns .....                                           | 1,431                      | 20                            | 172                       | 245                       | 140          | 247                         | 199                 | 325           | 346           | 491           | 270           | 379           | 772              | 281           |
| No breakdowns lasting 6 hours or more .....                          | 18                         | Z                             | 5                         | Z                         | 2            | 7                           | 6                   | 7             | 5             | 5             | 2             | 9             | 5                | 4             |
| Number of breakdowns that lasted 6 hours or more:                    |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| 1 .....                                                              | 960                        | 13                            | 103                       | 155                       | 89           | 170                         | 125                 | 201           | 257           | 326           | 176           | 239           | 512              | 209           |
| 2 .....                                                              | 202                        | 2                             | 22                        | 38                        | 20           | 30                          | 26                  | 72            | 36            | 58            | 37            | 53            | 120              | 29            |
| 3 .....                                                              | 77                         | 2                             | 13                        | 13                        | 2            | 15                          | 3                   | 15            | 19            | 25            | 17            | 25            | 46               | 5             |
| 4 or more .....                                                      | 161                        | 3                             | 26                        | 35                        | 25           | 23                          | 34                  | 31            | 23            | 71            | 36            | 46            | 82               | 33            |
| Number of breakdowns not reported .....                              | 13                         | Z                             | 3                         | 4                         | 3            | 3                           | 5                   | Z             | 6             | 5             | 1             | 7             | 6                | Z             |
| Other causes .....                                                   | 4,222                      | 70                            | 535                       | 412                       | 422          | 908                         | 548                 | 859           | 978           | 1,577         | 808           | 863           | 2,283            | 1,076         |
| Utility interruption .....                                           | 1,734                      | 34                            | 219                       | 115                       | 125          | 412                         | 175                 | 361           | 496           | 647           | 231           | 265           | 988              | 481           |
| Inadequate heating capacity .....                                    | 547                        | 4                             | 68                        | 65                        | 80           | 131                         | 103                 | 99            | 91            | 275           | 83            | 161           | 270              | 117           |
| Inadequate insulation .....                                          | 533                        | 8                             | 66                        | 77                        | 63           | 94                          | 98                  | 113           | 111           | 187           | 122           | 141           | 253              | 139           |
| Cost of heating .....                                                | 735                        | 6                             | 113                       | 71                        | 81           | 132                         | 115                 | 163           | 134           | 249           | 188           | 129           | 431              | 175           |
| Other .....                                                          | 911                        | 23                            | 98                        | 110                       | 114          | 168                         | 111                 | 180           | 180           | 327           | 224           | 227           | 469              | 215           |
| Not reported .....                                                   | 9                          | Z                             | Z                         | 2                         | Z            | 2                           | Z                   | 8             | Z             | Z             | Z             | 2             | 7                | Z             |
| Reason for discomfort not reported .....                             | 12                         | Z                             | Z                         | 4                         | 2            | 2                           | 3                   | 2             | 7             | 2             | Z             | 7             | 5                | Z             |
| Discomfort not reported .....                                        | 1,428                      | 15                            | 122                       | 168                       | 56           | 479                         | 246                 | 233           | 298           | 612           | 285           | 290           | 742              | 395           |

See footnotes at end of table.

Table C-05-00.

**Housing Problems—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                  | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |        |        | Inside MSA   |                  | Outside MSA |
|------------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|--------|--------|--------------|------------------|-------------|
|                                                                  |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South  | West   | Central city | Not central city |             |
| <b>Electric Fuses and Circuit Breakers</b>                       |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| With electrical wiring . . . . .                                 | 76,010                     | 1,892                         | 5,675                     | 6,655                     | 6,519    | 20,228                      | 6,981               | 13,463     | 18,010  | 29,080 | 15,456 | 17,374       | 41,929           | 16,706      |
| No fuses or breakers blown in last 3 months . . . . .            | 67,982                     | 1,666                         | 5,136                     | 5,884                     | 5,941    | 18,599                      | 6,212               | 11,905     | 15,972  | 26,249 | 13,857 | 15,546       | 37,463           | 14,973      |
| With fuses or breakers blown in last 3 months . . . . .          | 7,061                      | 211                           | 498                       | 672                       | 541      | 1,314                       | 619                 | 1,432      | 1,847   | 2,374  | 1,408  | 1,640        | 3,977            | 1,444       |
| 1 time . . . . .                                                 | 4,010                      | 131                           | 273                       | 358                       | 329      | 900                         | 356                 | 779        | 1,040   | 1,399  | 792    | 929          | 2,254            | 827         |
| 2 times . . . . .                                                | 1,637                      | 53                            | 97                        | 190                       | 95       | 219                         | 114                 | 341        | 432     | 554    | 310    | 397          | 892              | 348         |
| 3 times . . . . .                                                | 597                        | 14                            | 42                        | 48                        | 47       | 111                         | 59                  | 141        | 154     | 154    | 148    | 141          | 344              | 112         |
| 4 times or more . . . . .                                        | 754                        | 11                            | 78                        | 68                        | 64       | 73                          | 79                  | 150        | 211     | 249    | 144    | 161          | 445              | 147         |
| Number of times not reported . . . . .                           | 64                         | 2                             | 8                         | 8                         | 7        | 11                          | 12                  | 21         | 10      | 19     | 14     | 11           | 43               | 10          |
| Problem not reported or don't know . . . . .                     | 966                        | 15                            | 42                        | 99                        | 37       | 315                         | 151                 | 126        | 192     | 457    | 191    | 188          | 488              | 289         |
| <b>Water Supply Stoppage</b>                                     |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| With hot and cold piped water . . . . .                          | 75,996                     | 1,891                         | 5,661                     | 6,641                     | 6,521    | 20,235                      | 6,959               | 13,469     | 18,022  | 29,058 | 15,446 | 17,375       | 41,935           | 16,686      |
| No stoppage in last 3 months . . . . .                           | 72,622                     | 1,834                         | 5,219                     | 6,399                     | 6,289    | 19,426                      | 6,566               | 12,671     | 17,408  | 27,675 | 14,868 | 16,764       | 40,034           | 15,824      |
| With stoppage in last 3 months . . . . .                         | 2,613                      | 43                            | 400                       | 166                       | 202      | 576                         | 272                 | 690        | 479     | 1,008  | 435    | 480          | 1,512            | 621         |
| No stoppage lasting 6 hours or more . . . . .                    | 530                        | 7                             | 80                        | 27                        | 53       | 166                         | 53                  | 59         | 85      | 253    | 133    | 131          | 301              | 98          |
| Number of stoppages that lasted 6 hours or more:                 |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| 1 . . . . .                                                      | 1,404                      | 25                            | 191                       | 82                        | 89       | 300                         | 135                 | 387        | 280     | 511    | 226    | 245          | 810              | 349         |
| 2 . . . . .                                                      | 318                        | 6                             | 56                        | 16                        | 21       | 59                          | 30                  | 96         | 54      | 128    | 40     | 47           | 193              | 78          |
| 3 . . . . .                                                      | 130                        | 3                             | 12                        | 11                        | 7        | 20                          | 8                   | 38         | 26      | 46     | 21     | 23           | 70               | 37          |
| 4 or more . . . . .                                              | 207                        | 2                             | 52                        | 24                        | 28       | 26                          | 38                  | 104        | 25      | 65     | 12     | 29           | 130              | 48          |
| Number of stoppages not reported . . . . .                       | 25                         | Z                             | 10                        | 6                         | 3        | 5                           | 8                   | 6          | 10      | 6      | 2      | 6            | 8                | 11          |
| Stoppage not reported . . . . .                                  | 760                        | 14                            | 42                        | 76                        | 30       | 233                         | 121                 | 108        | 135     | 375    | 143    | 131          | 389              | 240         |
| <b>Water Leakage During Last 12 Months</b>                       |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| No leakage from inside structure . . . . .                       | 69,854                     | 1,813                         | 5,148                     | 5,963                     | 6,056    | 18,961                      | 6,314               | 12,340     | 16,682  | 26,695 | 14,137 | 15,958       | 38,428           | 15,468      |
| With leakage from inside structure <sup>1</sup> . . . . .        | 5,385                      | 72                            | 478                       | 603                       | 448      | 1,019                       | 553                 | 1,021      | 1,188   | 2,008  | 1,168  | 1,282        | 3,081            | 1,023       |
| Fixtures backed up or overflowed . . . . .                       | 1,284                      | 13                            | 74                        | 142                       | 115      | 212                         | 113                 | 241        | 322     | 440    | 282    | 345          | 732              | 207         |
| Pipes leaked . . . . .                                           | 2,230                      | 30                            | 239                       | 285                       | 215      | 456                         | 288                 | 442        | 420     | 885    | 483    | 543          | 1,229            | 458         |
| Broken water heater . . . . .                                    | 652                        | Z                             | 91                        | 72                        | 50       | 138                         | 69                  | 109        | 139     | 255    | 149    | 128          | 354              | 170         |
| Other or unknown (includes not reported) . . . . .               | 1,381                      | 30                            | 89                        | 129                       | 79       | 240                         | 100                 | 251        | 345     | 502    | 283    | 303          | 859              | 219         |
| Interior leakage not reported . . . . .                          | 852                        | 12                            | 52                        | 96                        | 27       | 270                         | 136                 | 120        | 162     | 415    | 155    | 150          | 458              | 244         |
| No leakage from outside structure . . . . .                      | 66,584                     | 1,811                         | 5,026                     | 5,582                     | 5,939    | 18,097                      | 6,045               | 10,832     | 15,423  | 26,322 | 14,007 | 15,094       | 36,860           | 14,631      |
| With leakage from outside structure <sup>1</sup> . . . . .       | 8,676                      | 74                            | 607                       | 990                       | 567      | 1,889                       | 830                 | 2,512      | 2,452   | 2,418  | 1,294  | 2,160        | 4,654            | 1,862       |
| Roof . . . . .                                                   | 4,640                      | 25                            | 451                       | 592                       | 369      | 984                         | 537                 | 1,235      | 984     | 1,606  | 815    | 1,135        | 2,441            | 1,063       |
| Basement . . . . .                                               | 2,606                      | 19                            | 12                        | 237                       | 100      | 556                         | 171                 | 1,011      | 1,126   | 319    | 150    | 647          | 1,426            | 533         |
| Walls, closed windows, or doors . . . . .                        | 1,380                      | 20                            | 137                       | 152                       | 90       | 236                         | 124                 | 412        | 362     | 344    | 262    | 352          | 770              | 259         |
| Other or unknown (includes not reported) . . . . .               | 865                        | 16                            | 68                        | 132                       | 42       | 238                         | 79                  | 211        | 203     | 300    | 151    | 249          | 438              | 178         |
| Exterior leakage not reported . . . . .                          | 831                        | 12                            | 45                        | 89                        | 24       | 264                         | 128                 | 136        | 157     | 379    | 159    | 136          | 453              | 242         |
| <b>External Building Conditions<sup>1,3</sup></b>                |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Sagging roof . . . . .                                           | 1,320                      | 6                             | 206                       | 162                       | 154      | 254                         | 234                 | 205        | 349     | 498    | 268    | 304          | 552              | 464         |
| Missing roofing material . . . . .                               | 2,474                      | 16                            | 215                       | 372                       | 220      | 510                         | 380                 | 380        | 632     | 945    | 517    | 573          | 1,140            | 761         |
| Hole in roof . . . . .                                           | 936                        | 3                             | 173                       | 235                       | 103      | 185                         | 204                 | 178        | 172     | 403    | 183    | 246          | 399              | 290         |
| Missing bricks, siding, or other outside wall material . . . . . | 1,577                      | 7                             | 196                       | 227                       | 179      | 313                         | 275                 | 310        | 406     | 577    | 285    | 410          | 680              | 488         |
| Sloping outside walls . . . . .                                  | 726                        | 6                             | 100                       | 126                       | 82       | 122                         | 139                 | 113        | 184     | 319    | 110    | 166          | 341              | 218         |
| Boarded up windows . . . . .                                     | 633                        | 4                             | 101                       | 89                        | 129      | 120                         | 144                 | 88         | 136     | 271    | 138    | 192          | 263              | 178         |
| Broken windows . . . . .                                         | 2,634                      | 17                            | 383                       | 287                       | 368      | 472                         | 467                 | 412        | 629     | 1,043  | 549    | 630          | 1,232            | 772         |
| Bars on windows . . . . .                                        | 1,971                      | 13                            | 17                        | 635                       | 488      | 646                         | 309                 | 250        | 251     | 830    | 641    | 1,291        | 574              | 107         |
| Foundation crumbling or has open crack or hole . . . . .         | 3,669                      | 66                            | 229                       | 446                       | 350      | 773                         | 484                 | 713        | 996     | 1,323  | 637    | 906          | 1,843            | 920         |
| None of the above . . . . .                                      | 60,232                     | 1,710                         | 4,597                     | 4,548                     | 4,658    | 16,253                      | 4,895               | 10,207     | 14,543  | 23,474 | 12,008 | 12,140       | 34,521           | 13,571      |
| Not reported . . . . .                                           | 236                        | 1                             | 21                        | 30                        | 15       | 76                          | 34                  | 27         | 46      | 121    | 43     | 34           | 106              | 96          |

See footnotes at end of table.

Table C-05-00.

**Housing Problems—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                   | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |        |        | Inside MSA   |                  | Outside MSA |
|---------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|--------|--------|--------------|------------------|-------------|
|                                                   |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South  | West   | Central city | Not central city |             |
| Sewage Disposal Breakdowns                        |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| With public sewer . . . . .                       | 56,649                     | 1,396                         | 2,601                     | 5,823                     | 5,735    | 14,630                      | 5,084               | 9,754      | 13,630  | 20,301 | 12,965 | 16,682       | 31,592           | 8,375       |
| No breakdowns in last 3 months . . . . .          | 55,960                     | 1,393                         | 2,568                     | 5,712                     | 5,649    | 14,520                      | 5,010               | 9,645      | 13,420  | 20,058 | 12,837 | 16,450       | 31,287           | 8,222       |
| With breakdown(s) in last 3 months . . . . .      | 689                        | 2                             | 33                        | 111                       | 85       | 110                         | 74                  | 108        | 210     | 243    | 128    | 232          | 305              | 152         |
| No breakdowns lasting 6 hours or more . . . . .   | 186                        | Z                             | 11                        | 26                        | 22       | 25                          | 11                  | 32         | 50      | 75     | 30     | 62           | 77               | 47          |
| Number of breakdowns that lasted 6 hours or more: |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| 1 . . . . .                                       | 364                        | 2                             | 16                        | 52                        | 42       | 63                          | 40                  | 57         | 107     | 125    | 76     | 116          | 179              | 69          |
| 2 . . . . .                                       | 65                         | Z                             | 4                         | 16                        | 6        | 11                          | 11                  | 9          | 23      | 24     | 10     | 24           | 25               | 17          |
| 3 . . . . .                                       | 26                         | Z                             | 1                         | 4                         | 2        | 4                           | 4                   | 8          | 11      | 4      | 3      | 8            | 11               | 7           |
| 4 or more . . . . .                               | 48                         | Z                             | 1                         | 13                        | 14       | 6                           | 8                   | 3          | 19      | 16     | 9      | 23           | 12               | 13          |
| With septic tank or cesspool . . . . .            | 19,418                     | 495                           | 3,077                     | 833                       | 796      | 5,615                       | 1,913               | 3,727      | 4,401   | 8,795  | 2,495  | 708          | 10,363           | 8,347       |
| No breakdowns in last 3 months . . . . .          | 19,179                     | 491                           | 3,025                     | 810                       | 779      | 5,562                       | 1,868               | 3,667      | 4,370   | 8,680  | 2,462  | 706          | 10,235           | 8,239       |
| With breakdown(s) in last 3 months . . . . .      | 239                        | 4                             | 52                        | 23                        | 16       | 54                          | 45                  | 59         | 32      | 116    | 32     | 2            | 129              | 108         |
| No breakdowns lasting 6 hours or more . . . . .   | 26                         | 2                             | 2                         | 2                         | 2        | 2                           | 9                   | Z          | 6       | 17     | 2      | Z            | 14               | 11          |
| Number of breakdowns that lasted 6 hours or more: |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| 1 . . . . .                                       | 156                        | 2                             | 20                        | 17                        | 11       | 32                          | 22                  | 40         | 26      | 73     | 17     | 2            | 91               | 63          |
| 2 . . . . .                                       | 23                         | Z                             | 5                         | 1                         | 3        | 11                          | 4                   | 3          | Z       | 15     | 4      | 1            | 10               | 12          |
| 3 . . . . .                                       | 3                          | Z                             | Z                         | Z                         | Z        | Z                           | Z                   | 3          | Z       | Z      | Z      | Z            | 3                | Z           |
| 4 or more . . . . .                               | 32                         | Z                             | 25                        | 3                         | Z        | 9                           | 11                  | 13         | Z       | 10     | 9      | Z            | 11               | 22          |

<sup>1</sup> Figures may not add to total because more than one category may apply to a unit.<sup>2</sup> Other causes and equipment breakdowns may not add to the total as both may be reported.<sup>3</sup> Figures do not include multiunit structures.

Table C-06-00.

**Housing Migration—Previous Unit—Owner-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                       | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |       |      | Inside MSA   |                  | Outside MSA |
|-----------------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|-------|------|--------------|------------------|-------------|
|                                                                       |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South | West | Central city | Not central city |             |
| RESPONDENT MOVED DURING PAST YEAR FROM WITHIN THE UNITED STATES¹      |                            |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| Total .....                                                           | 3,592                      | 311                           | 369                       | 237                       | 418      | 383                         | 362                 | 495        | 788     | 1,390 | 919  | 913          | 1,909            | 769         |
| Structure Type of Previous Residence                                  |                            |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| Total moved from within the United States .....                       | 3,592                      | 311                           | 369                       | 237                       | 418      | 383                         | 362                 | 495        | 788     | 1,390 | 919  | 913          | 1,909            | 769         |
| House .....                                                           | 2,239                      | 214                           | 207                       | 126                       | 258      | 245                         | 221                 | 274        | 515     | 901   | 549  | 486          | 1,240            | 513         |
| Apartment .....                                                       | 974                        | 68                            | 93                        | 85                        | 112      | 53                          | 91                  | 174        | 200     | 332   | 268  | 358          | 468              | 148         |
| Manufactured/mobile home .....                                        | 169                        | 8                             | 54                        | 7                         | 34       | 39                          | 29                  | 16         | 27      | 90    | 36   | 24           | 79               | 66          |
| Other .....                                                           | 101                        | 11                            | 8                         | 8                         | 10       | 11                          | 10                  | 12         | 18      | 25    | 46   | 24           | 60               | 17          |
| Not reported .....                                                    | 110                        | 11                            | 6                         | 10                        | 4        | 35                          | 11                  | 18         | 28      | 44    | 21   | 22           | 63               | 25          |
| Tenure of Previous Residence                                          |                            |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| House, apartment, manufactured/mobile home in the United States ..... | 3,381                      | 289                           | 354                       | 218                       | 404      | 337                         | 340                 | 465        | 742     | 1,322 | 852  | 867          | 1,786            | 727         |
| Owner occupied .....                                                  | 1,686                      | 182                           | 177                       | 73                        | 195      | 263                         | 143                 | 254        | 384     | 670   | 379  | 367          | 939              | 381         |
| Renter occupied .....                                                 | 1,695                      | 107                           | 178                       | 145                       | 209      | 74                          | 198                 | 211        | 358     | 651   | 474  | 501          | 848              | 346         |
| Persons—Previous Residence                                            |                            |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| House, apartment, manufactured/mobile home in the United States ..... | 3,381                      | 289                           | 354                       | 218                       | 404      | 337                         | 340                 | 465        | 742     | 1,322 | 852  | 867          | 1,786            | 727         |
| 1 person .....                                                        | 494                        | 36                            | 79                        | 41                        | 29       | 100                         | 63                  | 80         | 104     | 194   | 115  | 159          | 221              | 114         |
| 2 persons .....                                                       | 1,156                      | 100                           | 81                        | 49                        | 67       | 182                         | 92                  | 180        | 241     | 451   | 284  | 314          | 631              | 211         |
| 3 persons .....                                                       | 602                        | 54                            | 42                        | 53                        | 62       | 17                          | 37                  | 83         | 151     | 211   | 157  | 152          | 307              | 142         |
| 4 persons .....                                                       | 575                        | 50                            | 60                        | 35                        | 80       | 14                          | 70                  | 65         | 136     | 237   | 137  | 122          | 325              | 128         |
| 5 persons .....                                                       | 296                        | 39                            | 34                        | 17                        | 75       | 11                          | 35                  | 30         | 73      | 115   | 78   | 61           | 177              | 59          |
| 6 persons .....                                                       | 139                        | 6                             | 49                        | 11                        | 53       | 4                           | 19                  | 18         | 16      | 65    | 41   | 30           | 62               | 47          |
| 7 persons or more .....                                               | 88                         | 1                             | 9                         | 11                        | 34       | 5                           | 24                  | 8          | 16      | 35    | 28   | 17           | 50               | 20          |
| Not reported .....                                                    | 31                         | 2                             | Z                         | 1                         | 3        | 5                           | 1                   | Z          | 4       | 15    | 12   | 11           | 14               | 6           |
| Previous Home Owned or Rented by Current Household Member             |                            |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| House, apartment, manufactured/mobile home in the United States ..... | 3,381                      | 289                           | 354                       | 218                       | 404      | 337                         | 340                 | 465        | 742     | 1,322 | 852  | 867          | 1,786            | 727         |
| Owned or rented by a mover .....                                      | 2,759                      | 253                           | 257                       | 185                       | 334      | 275                         | 238                 | 364        | 596     | 1,067 | 733  | 726          | 1,439            | 595         |
| Owned or rented by other .....                                        | 547                        | 33                            | 80                        | 27                        | 56       | 35                          | 93                  | 86         | 130     | 225   | 107  | 116          | 312              | 120         |
| By a relative .....                                                   | 320                        | 10                            | 58                        | 13                        | 36       | 14                          | 73                  | 50         | 74      | 136   | 61   | 49           | 187              | 85          |
| By a nonrelative .....                                                | 227                        | 23                            | 22                        | 14                        | 20       | 21                          | 20                  | 37         | 56      | 88    | 46   | 67           | 125              | 35          |
| Not reported .....                                                    | Z                          | Z                             | Z                         | Z                         | Z        | Z                           | Z                   | Z          | Z       | Z     | Z    | Z            | Z                | Z           |
| Not reported .....                                                    | 74                         | 2                             | 17                        | 6                         | 15       | 27                          | 9                   | 15         | 16      | 31    | 13   | 26           | 36               | 13          |
| Change in Housing Costs                                               |                            |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| House, apartment, manufactured/mobile home in the United States ..... | 3,381                      | 289                           | 354                       | 218                       | 404      | 337                         | 340                 | 465        | 742     | 1,322 | 852  | 867          | 1,786            | 727         |
| Increased with move .....                                             | 1,761                      | 173                           | 115                       | 99                        | 179      | 101                         | 146                 | 253        | 431     | 637   | 440  | 463          | 935              | 363         |
| Decreased .....                                                       | 836                        | 52                            | 161                       | 62                        | 130      | 113                         | 98                  | 105        | 177     | 346   | 207  | 207          | 439              | 189         |
| Stayed about the same .....                                           | 709                        | 61                            | 61                        | 49                        | 88       | 99                          | 79                  | 96         | 120     | 304   | 189  | 169          | 379              | 162         |
| Not reported .....                                                    | 75                         | 3                             | 17                        | 9                         | 7        | 24                          | 17                  | 11         | 13      | 34    | 17   | 28           | 33               | 14          |

See footnotes at end of table.

Table C-06-00.

**Housing Migration—Previous Unit—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                            | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |       |      | Inside MSA   |                  | Outside MSA |
|------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|-------|------|--------------|------------------|-------------|
|                                                            |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South | West | Central city | Not central city |             |
|                                                            |                            |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| <b>Reasons for Leaving Previous Residence<sup>2</sup></b>  |                            |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| Private displacement . . . . .                             | 27                         | 5                             | 1                         | 7                         | 2        | 5                           | 3                   | 3          | 6       | 14    | 4    | 15           | 6                | 5           |
| Owner to move into unit . . . . .                          | 11                         | 2                             | Z                         | 5                         | Z        | Z                           | Z                   | Z          | 2       | 8     | Z    | 3            | 5                | 2           |
| To be converted to condominium or cooperative . . . . .    | Z                          | Z                             | Z                         | Z                         | Z        | Z                           | Z                   | Z          | Z       | Z     | Z    | Z            | Z                | Z           |
| Closed for repairs . . . . .                               | Z                          | Z                             | Z                         | Z                         | Z        | Z                           | Z                   | Z          | Z       | Z     | Z    | Z            | Z                | Z           |
| Other . . . . .                                            | 16                         | 2                             | 1                         | 1                         | 1        | 5                           | 3                   | 3          | 3       | 7     | 3    | 12           | 1                | 3           |
| Not reported . . . . .                                     | Z                          | Z                             | Z                         | Z                         | Z        | Z                           | Z                   | Z          | Z       | Z     | Z    | Z            | Z                | Z           |
| Government displacement . . . . .                          | 11                         | Z                             | Z                         | Z                         | Z        | Z                           | Z                   | Z          | Z       | 6     | 5    | 7            | 4                | Z           |
| Government wanted building or land . . . . .               | 4                          | Z                             | Z                         | Z                         | Z        | Z                           | Z                   | Z          | Z       | Z     | 4    | 4            | Z                | Z           |
| Unit unfit for occupancy . . . . .                         | Z                          | Z                             | Z                         | Z                         | Z        | Z                           | Z                   | Z          | Z       | Z     | Z    | Z            | Z                | Z           |
| Other . . . . .                                            | 7                          | Z                             | Z                         | Z                         | Z        | Z                           | Z                   | Z          | Z       | 6     | 1    | 3            | 4                | Z           |
| Not reported . . . . .                                     | Z                          | Z                             | Z                         | Z                         | Z        | Z                           | Z                   | Z          | Z       | Z     | Z    | Z            | Z                | Z           |
| Financial/employment related, total <sup>2</sup> . . . . . | 655                        | 61                            | 58                        | 36                        | 78       | 17                          | 69                  | 64         | 148     | 259   | 184  | 140          | 375              | 141         |
| Foreclosure . . . . .                                      | 35                         | Z                             | 6                         | 4                         | 10       | 2                           | 8                   | 2          | 7       | 18    | 8    | 10           | 20               | 5           |
| New job or job transfer . . . . .                          | 295                        | 29                            | 15                        | 9                         | 33       | 3                           | 24                  | 14         | 60      | 140   | 80   | 61           | 160              | 74          |
| To be closer to work/school/other . . . . .                | 252                        | 23                            | 16                        | 13                        | 17       | 10                          | 27                  | 41         | 61      | 73    | 77   | 48           | 167              | 37          |
| Other . . . . .                                            | 110                        | 9                             | 27                        | 11                        | 22       | 3                           | 17                  | 11         | 20      | 39    | 40   | 37           | 49               | 24          |
| Family/person related, total <sup>2</sup> . . . . .        | 479                        | 32                            | 50                        | 22                        | 46       | 103                         | 39                  | 69         | 127     | 178   | 105  | 127          | 250              | 102         |
| Married . . . . .                                          | 89                         | 1                             | 10                        | 6                         | 6        | 3                           | 2                   | 15         | 24      | 32    | 19   | 34           | 32               | 23          |
| Widowed, divorced, or separated . . . . .                  | 77                         | 3                             | 2                         | 1                         | Z        | 13                          | 6                   | 9          | 23      | 23    | 22   | 7            | 45               | 25          |
| Other . . . . .                                            | 318                        | 29                            | 39                        | 15                        | 39       | 91                          | 32                  | 45         | 80      | 123   | 69   | 88           | 175              | 55          |
| Housing related reasons, total <sup>2</sup> . . . . .      | 2,097                      | 187                           | 201                       | 158                       | 276      | 141                         | 188                 | 291        | 475     | 781   | 550  | 568          | 1,076            | 453         |
| To establish own household . . . . .                       | 740                        | 46                            | 55                        | 66                        | 88       | 21                          | 76                  | 117        | 160     | 263   | 200  | 194          | 386              | 161         |
| Needed larger house or apartment . . . . .                 | 544                        | 64                            | 43                        | 40                        | 82       | 25                          | 28                  | 75         | 131     | 202   | 136  | 159          | 273              | 113         |
| Wanted better home . . . . .                               | 405                        | 57                            | 29                        | 25                        | 56       | 43                          | 26                  | 43         | 79      | 166   | 118  | 126          | 196              | 83          |
| Change from owner to renter . . . . .                      | X                          | X                             | X                         | X                         | X        | X                           | X                   | X          | X       | X     | X    | X            | X                | X           |
| Change from renter to owner . . . . .                      | 477                        | 29                            | 28                        | 44                        | 61       | 15                          | 52                  | 58         | 103     | 172   | 144  | 144          | 244              | 90          |
| Wanted lower rent or maintenance . . . . .                 | 181                        | 4                             | 71                        | 13                        | 51       | 36                          | 17                  | 27         | 40      | 82    | 32   | 62           | 64               | 55          |
| Other . . . . .                                            | 164                        | 13                            | 21                        | 4                         | 10       | 28                          | 22                  | 25         | 52      | 58    | 30   | 25           | 101              | 37          |
| Evicted from residence . . . . .                           | 4                          | Z                             | Z                         | Z                         | 2        | Z                           | Z                   | Z          | 2       | Z     | 2    | Z            | 1                | 2           |
| Disaster loss (fire, flood, etc.) . . . . .                | 20                         | 2                             | 5                         | 2                         | Z        | Z                           | 3                   | 5          | 7       | 7     | Z    | 4            | 16               | Z           |
| Other . . . . .                                            | 446                        | 42                            | 49                        | 19                        | 35       | 94                          | 65                  | 85         | 65      | 184   | 112  | 111          | 251              | 84          |
| Not reported . . . . .                                     | 135                        | 12                            | 18                        | 19                        | 4        | 53                          | 23                  | 20         | 30      | 64    | 22   | 44           | 63               | 28          |
| <b>Main Reason for Leaving Previous Residence</b>          |                            |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| All reported reasons equal . . . . .                       | 171                        | 20                            | 35                        | 13                        | 46       | 15                          | 13                  | 9          | 31      | 83    | 48   | 43           | 82               | 46          |
| Private displacement . . . . .                             | 2                          | Z                             | Z                         | 1                         | Z        | Z                           | Z                   | Z          | 1       | Z     | 1    | 1            | Z                | Z           |
| Government displacement . . . . .                          | 8                          | Z                             | Z                         | Z                         | Z        | Z                           | Z                   | Z          | Z       | 4     | 5    | 4            | 4                | Z           |
| Financial/employment related, total . . . . .              | 522                        | 50                            | 50                        | 26                        | 66       | 11                          | 58                  | 43         | 116     | 212   | 151  | 106          | 298              | 119         |
| Foreclosure . . . . .                                      | 34                         | Z                             | 5                         | 4                         | 10       | 2                           | 7                   | 2          | 7       | 18    | 7    | 10           | 20               | 5           |
| New job or job transfer . . . . .                          | 269                        | 27                            | 14                        | 5                         | 33       | 3                           | 20                  | 12         | 60      | 119   | 78   | 52           | 143              | 74          |
| To be closer to work/school/other . . . . .                | 161                        | 19                            | 12                        | 12                        | 8        | 5                           | 24                  | 24         | 43      | 51    | 44   | 24           | 109              | 28          |
| Other . . . . .                                            | 58                         | 4                             | 19                        | 6                         | 15       | 2                           | 7                   | 6          | 6       | 23    | 23   | 20           | 27               | 11          |
| Family/person related, total . . . . .                     | 459                        | 30                            | 68                        | 17                        | 44       | 91                          | 46                  | 66         | 102     | 173   | 118  | 107          | 246              | 107         |
| Married, widowed, divorced, or separated . . . . .         | 177                        | 6                             | 33                        | 4                         | 10       | 15                          | 17                  | 25         | 37      | 59    | 56   | 34           | 90               | 54          |
| Other . . . . .                                            | 282                        | 23                            | 35                        | 12                        | 34       | 75                          | 29                  | 41         | 64      | 114   | 62   | 73           | 156              | 53          |
| Housing related reasons, total . . . . .                   | 1,857                      | 166                           | 141                       | 138                       | 222      | 123                         | 162                 | 277        | 437     | 675   | 469  | 502          | 975              | 381         |
| To establish own household . . . . .                       | 601                        | 37                            | 39                        | 60                        | 76       | 18                          | 68                  | 101        | 139     | 211   | 151  | 142          | 331              | 128         |
| Needed larger house or apartment . . . . .                 | 373                        | 55                            | 12                        | 25                        | 33       | 18                          | 20                  | 59         | 93      | 133   | 88   | 111          | 192              | 70          |
| Wanted better home . . . . .                               | 269                        | 42                            | 22                        | 11                        | 35       | 29                          | 14                  | 25         | 50      | 117   | 77   | 73           | 133              | 63          |
| Change from owner to renter or renter to owner . . . . .   | 370                        | 20                            | 14                        | 34                        | 47       | 8                           | 37                  | 52         | 84      | 129   | 106  | 111          | 187              | 72          |
| Wanted lower rent or maintenance . . . . .                 | 118                        | 3                             | 37                        | 7                         | 23       | 28                          | 10                  | 19         | 35      | 42    | 22   | 44           | 53               | 22          |
| Other . . . . .                                            | 126                        | 8                             | 17                        | 1                         | 8        | 22                          | 13                  | 21         | 37      | 43    | 25   | 21           | 79               | 26          |
| Evicted from residence . . . . .                           | 2                          | Z                             | Z                         | Z                         | 2        | Z                           | Z                   | Z          | 2       | Z     | Z    | Z            | Z                | 2           |
| Disaster loss (fire, flood, etc.) . . . . .                | 19                         | 2                             | 5                         | 2                         | Z        | Z                           | 3                   | 5          | 7       | 7     | Z    | 4            | 16               | Z           |
| Other . . . . .                                            | 371                        | 30                            | 46                        | 18                        | 32       | 79                          | 56                  | 68         | 49      | 155   | 98   | 87           | 208              | 76          |
| Not reported . . . . .                                     | 179                        | 14                            | 22                        | 23                        | 6        | 64                          | 23                  | 26         | 42      | 82    | 29   | 59           | 81               | 39          |

<sup>1</sup> Restricted to units where the respondent (the person who answered the survey) moved in the past year from within the United States. Figures are not comparable to 2009; see Appendix C for details.<sup>2</sup> Figures may not add to total because more than one category may apply to a unit.

Table C-07-00.

**Housing and Neighborhood Search and Satisfaction—Owner-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                                    | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |              |                             |                     | Regions       |               |               |               | Inside MSA    |                  | Outside MSA   |
|------------------------------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|--------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                                                    |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic     | Elderly (65 years and over) | Below poverty level | North-east    | Midwest       | South         | West          | Central city  | Not central city |               |
| <b>Total</b> .....                                                                 | <b>76,091</b>              | <b>1,898</b>                  | <b>5,678</b>              | <b>6,662</b>              | <b>6,530</b> | <b>20,250</b>               | <b>7,003</b>        | <b>13,480</b> | <b>18,032</b> | <b>29,119</b> | <b>15,460</b> | <b>17,390</b> | <b>41,967</b>    | <b>16,735</b> |
| <b>Overall Opinion of Present Structure</b>                                        |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| 1 (worst).....                                                                     | 213                        | 3                             | 88                        | 25                        | 11           | 56                          | 89                  | 22            | 47            | 129           | 15            | 20            | 88               | 105           |
| 2.....                                                                             | 101                        | Z                             | 22                        | 14                        | 5            | 33                          | 25                  | 20            | 17            | 48            | 15            | 23            | 45               | 32            |
| 3.....                                                                             | 270                        | 4                             | 54                        | 43                        | 24           | 56                          | 84                  | 52            | 46            | 126           | 46            | 68            | 111              | 91            |
| 4.....                                                                             | 415                        | Z                             | 101                       | 54                        | 40           | 105                         | 92                  | 77            | 97            | 169           | 73            | 107           | 207              | 101           |
| 5.....                                                                             | 2,402                      | 11                            | 477                       | 292                       | 196          | 565                         | 416                 | 417           | 630           | 901           | 454           | 579           | 1,133            | 691           |
| 6.....                                                                             | 2,651                      | 34                            | 328                       | 268                       | 203          | 471                         | 274                 | 472           | 672           | 984           | 524           | 719           | 1,297            | 635           |
| 7.....                                                                             | 8,726                      | 117                           | 749                       | 870                       | 729          | 1,537                       | 842                 | 1,499         | 2,140         | 3,175         | 1,911         | 2,291         | 4,662            | 1,773         |
| 8.....                                                                             | 19,479                     | 375                           | 1,324                     | 1,567                     | 1,641        | 4,361                       | 1,522               | 3,447         | 4,848         | 7,187         | 3,997         | 4,805         | 10,680           | 3,994         |
| 9.....                                                                             | 12,881                     | 309                           | 569                       | 906                       | 978          | 3,369                       | 819                 | 2,333         | 3,008         | 4,843         | 2,697         | 2,866         | 7,394            | 2,621         |
| 10 (best) .....                                                                    | 25,452                     | 961                           | 1,784                     | 2,247                     | 2,461        | 8,790                       | 2,409               | 4,575         | 5,734         | 10,104        | 5,039         | 5,173         | 14,394           | 5,885         |
| Not reported .....                                                                 | 3,502                      | 82                            | 183                       | 375                       | 242          | 908                         | 432                 | 567           | 793           | 1,452         | 690           | 739           | 1,956            | 807           |
| <b>Overall Opinion of Present Neighborhood</b>                                     |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| 1 (worst).....                                                                     | 452                        | 3                             | 103                       | 57                        | 58           | 115                         | 114                 | 91            | 97            | 204           | 60            | 110           | 227              | 115           |
| 2.....                                                                             | 453                        | 3                             | 88                        | 60                        | 34           | 94                          | 85                  | 71            | 110           | 197           | 75            | 148           | 212              | 93            |
| 3.....                                                                             | 559                        | 8                             | 61                        | 82                        | 55           | 127                         | 76                  | 100           | 115           | 234           | 109           | 178           | 262              | 118           |
| 4.....                                                                             | 1,026                      | 16                            | 119                       | 137                       | 116          | 205                         | 145                 | 216           | 261           | 359           | 190           | 372           | 459              | 195           |
| 5.....                                                                             | 3,602                      | 55                            | 506                       | 452                       | 350          | 945                         | 547                 | 531           | 846           | 1,508         | 717           | 1,053         | 1,704            | 845           |
| 6.....                                                                             | 3,533                      | 104                           | 286                       | 436                       | 309          | 757                         | 323                 | 566           | 786           | 1,375         | 806           | 1,150         | 1,740            | 642           |
| 7.....                                                                             | 8,853                      | 171                           | 588                       | 942                       | 833          | 1,702                       | 790                 | 1,499         | 2,017         | 3,323         | 2,014         | 2,447         | 4,804            | 1,602         |
| 8.....                                                                             | 18,756                     | 405                           | 1,233                     | 1,533                     | 1,604        | 4,365                       | 1,447               | 3,313         | 4,477         | 7,002         | 3,965         | 4,430         | 10,459           | 3,867         |
| 9.....                                                                             | 12,773                     | 356                           | 681                       | 917                       | 986          | 3,283                       | 897                 | 2,268         | 3,196         | 4,653         | 2,656         | 2,697         | 7,524            | 2,553         |
| 10 (best) .....                                                                    | 22,467                     | 692                           | 1,802                     | 1,676                     | 1,926        | 7,711                       | 2,133               | 4,228         | 5,320         | 8,769         | 4,150         | 4,039         | 12,581           | 5,847         |
| No neighborhood.....                                                               | 94                         | 3                             | 23                        | 3                         | 9            | 36                          | 12                  | 27            | 17            | 31            | 19            | 19            | 35               | 40            |
| Not reported .....                                                                 | 3,522                      | 82                            | 189                       | 368                       | 250          | 909                         | 436                 | 569           | 791           | 1,463         | 698           | 746           | 1,959            | 818           |
| <b>RESPONDENT MOVED DURING PAST YEAR FROM WITHIN THE UNITED STATES<sup>1</sup></b> |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| <b>Total</b> .....                                                                 | <b>3,592</b>               | <b>311</b>                    | <b>369</b>                | <b>237</b>                | <b>418</b>   | <b>383</b>                  | <b>362</b>          | <b>495</b>    | <b>788</b>    | <b>1,390</b>  | <b>919</b>    | <b>913</b>    | <b>1,909</b>     | <b>769</b>    |
| <b>Home Search</b>                                                                 |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Now in house.....                                                                  | 2,965                      | 271                           | X                         | 209                       | 315          | 266                         | 219                 | 382           | 681           | 1,145         | 757           | 723           | 1,627            | 615           |
| Did not look at apartments.....                                                    | 2,585                      | 244                           | X                         | 163                       | 273          | 210                         | 181                 | 324           | 593           | 1,001         | 667           | 615           | 1,403            | 567           |
| Looked at apartments too.....                                                      | 248                        | 15                            | X                         | 30                        | 35           | 13                          | 23                  | 34            | 52            | 99            | 62            | 69            | 151              | 27            |
| Search not reported.....                                                           | 130                        | 13                            | X                         | 16                        | 7            | 43                          | 16                  | 23            | 35            | 45            | 28            | 36            | 74               | 21            |
| Now in manufactured/mobile home.....                                               | 369                        | 15                            | 369                       | 13                        | 78           | 71                          | 105                 | 22            | 76            | 182           | 88            | 64            | 176              | 129           |
| Did not look at apartments.....                                                    | 267                        | 15                            | 267                       | 8                         | 41           | 58                          | 77                  | 22            | 50            | 122           | 72            | 51            | 143              | 73            |
| Looked at apartments too.....                                                      | 83                         | Z                             | 83                        | 3                         | 37           | Z                           | 23                  | Z             | 26            | 43            | 15            | 3             | 29               | 51            |
| Search not reported.....                                                           | 19                         | 1                             | 19                        | 2                         | 1            | 13                          | 5                   | Z             | 1             | 17            | 1             | 10            | 4                | 5             |
| Now in apartment.....                                                              | 259                        | 24                            | X                         | 15                        | 25           | 47                          | 37                  | 91            | 31            | 64            | 73            | 126           | 106              | 26            |
| Did not look at houses.....                                                        | 160                        | 5                             | X                         | 10                        | 21           | 24                          | 29                  | 66            | 17            | 34            | 43            | 88            | 60               | 12            |
| Looked at houses too.....                                                          | 78                         | 14                            | X                         | 3                         | 4            | 14                          | 3                   | 16            | 12            | 26            | 24            | 37            | 34               | 7             |
| Search not reported.....                                                           | 21                         | 5                             | X                         | 1                         | Z            | 9                           | 5                   | 10            | 2             | 4             | 6             | 1             | 12               | 8             |
| <b>How Respondent Found Current Unit</b>                                           |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Word of mouth.....                                                                 | 591                        | 45                            | 137                       | 24                        | 94           | 81                          | 86                  | 78            | 143           | 232           | 137           | 123           | 298              | 170           |
| Daily newspaper.....                                                               | 102                        | 16                            | 34                        | 10                        | 31           | 9                           | 14                  | 11            | 26            | 41            | 23            | 21            | 32               | 50            |
| Weekly newspaper or giveaway publication.....                                      | 17                         | Z                             | 3                         | Z                         | Z            | 2                           | Z                   | 3             | 9             | 2             | 2             | 1             | 9                | 7             |
| Craigslist.....                                                                    | 69                         | 3                             | 7                         | 5                         | 7            | Z                           | 18                  | 7             | 14            | 27            | 21            | 10            | 44               | 14            |
| Realtor.com®.....                                                                  | 603                        | 31                            | 29                        | 40                        | 53           | 44                          | 37                  | 81            | 141           | 236           | 145           | 203           | 305              | 94            |
| Ad on a different Internet site.....                                               | 382                        | 16                            | 12                        | 26                        | 40           | 12                          | 25                  | 68            | 62            | 135           | 118           | 92            | 230              | 60            |
| Apartment rental agency listing.....                                               | 38                         | 4                             | Z                         | Z                         | 6            | 2                           | 2                   | 10            | 2             | 15            | 12            | 13            | 16               | 9             |
| Talking with a real estate agent.....                                              | 705                        | 54                            | 9                         | 45                        | 77           | 48                          | 38                  | 104           | 160           | 223           | 219           | 182           | 394              | 130           |
| Sign on outside of building.....                                                   | 209                        | 30                            | 38                        | 16                        | 29           | 13                          | 23                  | 7             | 50            | 106           | 45            | 56            | 107              | 46            |
| Billboard.....                                                                     | 8                          | 3                             | 2                         | Z                         | Z            | 2                           | Z                   | 2             | Z             | 5             | 1             | Z             | 4                | 4             |
| Radio ad.....                                                                      | 2                          | Z                             | Z                         | Z                         | Z            | 1                           | 1                   | Z             | 1             | Z             | 2             | 1             | 1                | Z             |
| Other.....                                                                         | 685                        | 94                            | 75                        | 51                        | 73           | 102                         | 94                  | 98            | 134           | 293           | 160           | 150           | 385              | 150           |
| Not reported.....                                                                  | 178                        | 15                            | 22                        | 20                        | 9            | 68                          | 23                  | 26            | 43            | 75            | 35            | 61            | 82               | 36            |

See footnotes at end of table.

Table C-07-00.

**Housing and Neighborhood Search and Satisfaction—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                       | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |       |      | Inside MSA   |                  | Outside MSA |
|-------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|-------|------|--------------|------------------|-------------|
|                                                       |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South | West | Central city | Not central city |             |
|                                                       |                            |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| <b>Choice of Present Home<sup>2</sup></b>             |                            |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| Financial reasons . . . . .                           | 1,151                      | 54                            | 187                       | 71                        | 172      | 79                          | 148                 | 126        | 247     | 446   | 331  | 308          | 582              | 261         |
| Room layout/design . . . . .                          | 1,185                      | 151                           | 48                        | 81                        | 114      | 101                         | 71                  | 170        | 263     | 464   | 288  | 303          | 667              | 216         |
| Kitchen . . . . .                                     | 325                        | 49                            | 13                        | 32                        | 27       | 20                          | 19                  | 62         | 69      | 120   | 74   | 83           | 175              | 67          |
| Size . . . . .                                        | 945                        | 83                            | 60                        | 67                        | 112      | 65                          | 57                  | 133        | 209     | 371   | 232  | 235          | 528              | 183         |
| Exterior appearance . . . . .                         | 638                        | 65                            | 34                        | 53                        | 67       | 64                          | 39                  | 97         | 147     | 222   | 172  | 167          | 343              | 128         |
| Yard/trees/view . . . . .                             | 623                        | 51                            | 30                        | 36                        | 49       | 51                          | 51                  | 103        | 153     | 218   | 149  | 154          | 361              | 108         |
| Quality of construction . . . . .                     | 536                        | 90                            | 31                        | 25                        | 55       | 35                          | 36                  | 70         | 121     | 199   | 146  | 152          | 283              | 102         |
| Only one available . . . . .                          | 71                         | 1                             | 18                        | 3                         | 11       | 15                          | 11                  | 14         | 22      | 19    | 17   | 13           | 28               | 30          |
| Other . . . . .                                       | 760                        | 64                            | 47                        | 40                        | 70       | 106                         | 86                  | 143        | 142     | 276   | 199  | 181          | 421              | 158         |
| Not reported . . . . .                                | 143                        | 16                            | 24                        | 23                        | 9        | 52                          | 28                  | 21         | 31      | 68    | 22   | 47           | 68               | 28          |
| <b>Main Reason for Choice of Present Home</b>         |                            |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| All reported reasons equal . . . . .                  | 661                        | 63                            | 31                        | 48                        | 69       | 54                          | 45                  | 101        | 149     | 244   | 167  | 156          | 371              | 134         |
| Financial reasons . . . . .                           | 775                        | 24                            | 172                       | 48                        | 122      | 60                          | 121                 | 76         | 165     | 325   | 208  | 208          | 371              | 196         |
| Room layout/design . . . . .                          | 512                        | 75                            | 19                        | 32                        | 48       | 39                          | 12                  | 70         | 105     | 211   | 126  | 130          | 292              | 90          |
| Kitchen . . . . .                                     | 30                         | 2                             | Z                         | 4                         | Z        | Z                           | Z                   | 10         | 3       | 12    | 5    | 8            | 14               | 7           |
| Size . . . . .                                        | 339                        | 22                            | 23                        | 21                        | 53       | 25                          | 20                  | 29         | 82      | 136   | 92   | 85           | 170              | 84          |
| Exterior appearance . . . . .                         | 119                        | 7                             | 9                         | 17                        | 14       | 8                           | 13                  | 14         | 24      | 49    | 33   | 27           | 67               | 25          |
| Yard/trees/view . . . . .                             | 182                        | 12                            | 16                        | Z                         | 16       | 23                          | 22                  | 26         | 47      | 54    | 55   | 42           | 111              | 29          |
| Quality of construction . . . . .                     | 145                        | 37                            | 15                        | 5                         | 13       | 8                           | 15                  | 17         | 32      | 59    | 37   | 45           | 76               | 24          |
| Only one available . . . . .                          | 54                         | 1                             | 15                        | 3                         | 11       | 13                          | 4                   | 9          | 22      | 10    | 13   | 9            | 20               | 25          |
| Other . . . . .                                       | 601                        | 50                            | 41                        | 36                        | 64       | 89                          | 80                  | 116        | 116     | 214   | 155  | 147          | 333              | 122         |
| Not reported . . . . .                                | 175                        | 18                            | 27                        | 23                        | 9        | 64                          | 29                  | 27         | 43      | 75    | 29   | 56           | 84               | 34          |
| <b>Recent Mover Comparison to Previous Home</b>       |                            |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| Better home . . . . .                                 | 2,232                      | 213                           | 184                       | 146                       | 290      | 168                         | 177                 | 283        | 500     | 855   | 593  | 620          | 1,145            | 466         |
| Worse home . . . . .                                  | 335                        | 15                            | 72                        | 18                        | 47       | 41                          | 43                  | 35         | 57      | 131   | 112  | 49           | 210              | 76          |
| About the same . . . . .                              | 855                        | 69                            | 90                        | 53                        | 76       | 108                         | 114                 | 142        | 194     | 335   | 184  | 192          | 469              | 194         |
| Not reported . . . . .                                | 169                        | 14                            | 22                        | 20                        | 4        | 67                          | 28                  | 35         | 35      | 70    | 29   | 51           | 84               | 34          |
| <b>Neighborhood Search</b>                            |                            |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| Looked at just this neighborhood. . . . .             | 1,341                      | 101                           | 246                       | 74                        | 159      | 175                         | 188                 | 168        | 300     | 545   | 328  | 312          | 724              | 306         |
| Looked at other neighborhood(s) . . . . .             | 2,100                      | 197                           | 103                       | 143                       | 255      | 151                         | 151                 | 299        | 451     | 784   | 567  | 553          | 1,113            | 434         |
| Not reported . . . . .                                | 149                        | 14                            | 19                        | 19                        | 5        | 57                          | 23                  | 28         | 35      | 61    | 24   | 46           | 73               | 30          |
| <b>Choice of Present Neighborhood<sup>2</sup></b>     |                            |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| Convenient to job. . . . .                            | 539                        | 36                            | 56                        | 40                        | 82       | 8                           | 37                  | 66         | 140     | 231   | 101  | 133          | 301              | 105         |
| Convenient to friends or relatives . . . . .          | 495                        | 29                            | 72                        | 15                        | 41       | 60                          | 86                  | 69         | 149     | 169   | 108  | 89           | 275              | 130         |
| Convenient to leisure activities . . . . .            | 257                        | 30                            | 12                        | 4                         | 20       | 30                          | 18                  | 32         | 55      | 116   | 54   | 79           | 137              | 41          |
| Convenient to public transportation . . . . .         | 78                         | 6                             | Z                         | 4                         | 4        | 11                          | 12                  | 23         | 13      | 26    | 15   | 47           | 28               | 3           |
| Good schools. . . . .                                 | 370                        | 26                            | 9                         | 27                        | 40       | 5                           | 17                  | 62         | 96      | 131   | 82   | 89           | 228              | 53          |
| Other public services. . . . .                        | 80                         | 12                            | 4                         | 1                         | 6        | 11                          | 10                  | 16         | 17      | 26    | 21   | 21           | 41               | 18          |
| Looks/design of neighborhood . . . . .                | 696                        | 70                            | 77                        | 39                        | 86       | 48                          | 48                  | 111        | 173     | 261   | 150  | 188          | 361              | 147         |
| House was most important consideration. . . . .       | 548                        | 32                            | 22                        | 29                        | 45       | 62                          | 43                  | 69         | 125     | 220   | 133  | 145          | 293              | 109         |
| Other . . . . .                                       | 635                        | 69                            | 75                        | 35                        | 75       | 116                         | 55                  | 87         | 137     | 251   | 160  | 173          | 323              | 139         |
| Not reported <sup>3</sup> . . . . .                   | 1,225                      | 118                           | 115                       | 90                        | 147      | 131                         | 138                 | 177        | 202     | 493   | 353  | 324          | 666              | 235         |
| <b>Main Reason for Choice of Present Neighborhood</b> |                            |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| All reported reasons equal . . . . .                  | 206                        | 13                            | 17                        | 11                        | 20       | 23                          | 21                  | 38         | 66      | 72    | 30   | 50           | 111              | 44          |
| Convenient to job. . . . .                            | 294                        | 20                            | 45                        | 26                        | 49       | 4                           | 25                  | 31         | 69      | 133   | 61   | 64           | 163              | 67          |
| Convenient to friends or relatives . . . . .          | 300                        | 23                            | 58                        | 10                        | 24       | 41                          | 65                  | 36         | 86      | 101   | 76   | 47           | 160              | 93          |
| Convenient to leisure activities . . . . .            | 77                         | 10                            | 3                         | Z                         | 4        | 12                          | 4                   | 2          | 17      | 38    | 19   | 25           | 36               | 16          |
| Convenient to public transportation . . . . .         | 6                          | Z                             | Z                         | Z                         | Z        | Z                           | Z                   | 3          | Z       | 3     | Z    | 5            | 1                | Z           |
| Good schools. . . . .                                 | 204                        | 12                            | 2                         | 18                        | 24       | 2                           | 5                   | 39         | 49      | 66    | 50   | 52           | 119              | 33          |
| Other public services. . . . .                        | 5                          | 3                             | Z                         | Z                         | 1        | 1                           | Z                   | Z          | Z       | 3     | 2    | 3            | 1                | Z           |
| Looks/design of neighborhood . . . . .                | 386                        | 36                            | 39                        | 33                        | 41       | 26                          | 25                  | 64         | 109     | 114   | 98   | 97           | 210              | 78          |
| House was most important consideration. . . . .       | 363                        | 25                            | 18                        | 23                        | 38       | 48                          | 28                  | 34         | 76      | 158   | 95   | 96           | 176              | 91          |
| Other . . . . .                                       | 526                        | 52                            | 73                        | 26                        | 70       | 95                          | 52                  | 70         | 112     | 210   | 135  | 147          | 266              | 113         |
| Not reported . . . . .                                | 1,227                      | 118                           | 115                       | 90                        | 147      | 131                         | 138                 | 177        | 204     | 493   | 353  | 326          | 666              | 235         |

See footnotes at end of table.

Table C-07-00.

**Housing and Neighborhood Search and Satisfaction—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                  | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |       |      | Inside MSA   |                  | Outside MSA |
|--------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|-------|------|--------------|------------------|-------------|
|                                                  |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South | West | Central city | Not central city |             |
|                                                  |                            |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| Recent Mover Comparison to Previous Neighborhood |                            |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| Better neighborhood . . . . .                    | 1,609                      | 153                           | 135                       | 102                       | 222      | 113                         | 125                 | 185        | 359     | 640   | 425  | 414          | 843              | 351         |
| Worse neighborhood . . . . .                     | 246                        | 17                            | 53                        | 10                        | 27       | 20                          | 40                  | 25         | 51      | 75    | 96   | 77           | 120              | 50          |
| About the same . . . . .                         | 1,353                      | 104                           | 139                       | 82                        | 129      | 159                         | 141                 | 211        | 319     | 506   | 317  | 311          | 759              | 283         |
| Same neighborhood . . . . .                      | 202                        | 23                            | 18                        | 22                        | 30       | 20                          | 26                  | 37         | 20      | 95    | 50   | 54           | 97               | 50          |
| Not reported . . . . .                           | 181                        | 14                            | 24                        | 21                        | 9        | 71                          | 30                  | 38         | 37      | 74    | 32   | 55           | 90               | 35          |

<sup>1</sup> Restricted to units where the respondent (the person who answered the survey) moved in the past year from within the United States. Figures are not comparable to 2009; see Appendix C for details.<sup>2</sup> Figures may not add to total because more than one category may apply to a unit.<sup>3</sup> In 2011, there was an error which caused some eligible respondents to not be asked this question. This increased the number of values that were not reported.

Table C-08-00.

**Household Demographics—Owner-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                         | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |              |                             |                     | Regions       |               |               |               | Inside MSA    |                  | Outside MSA   |
|---------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|--------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                         |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic     | Elderly (65 years and over) | Below poverty level | North-east    | Midwest       | South         | West          | Central city  | Not central city |               |
| <b>Total</b> .....                                      | <b>76,091</b>              | <b>1,898</b>                  | <b>5,678</b>              | <b>6,662</b>              | <b>6,530</b> | <b>20,250</b>               | <b>7,003</b>        | <b>13,480</b> | <b>18,032</b> | <b>29,119</b> | <b>15,460</b> | <b>17,390</b> | <b>41,967</b>    | <b>16,735</b> |
| <b>HOUSEHOLDER CHARACTERISTICS</b>                      |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| <b>Race and Hispanic Origin</b>                         |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| White alone .....                                       | 65,357                     | 1,584                         | 5,053                     | X                         | 6,083        | 17,931                      | 5,593               | 11,809        | 16,377        | 23,962        | 13,209        | 13,535        | 36,482           | 15,339        |
| Non-Hispanic .....                                      | 59,274                     | 1,438                         | 4,504                     | X                         | X            | 16,932                      | 4,635               | 11,291        | 15,844        | 21,198        | 10,942        | 11,437        | 33,248           | 14,589        |
| Hispanic .....                                          | 6,083                      | 146                           | 549                       | X                         | 6,083        | 998                         | 958                 | 518           | 533           | 2,764         | 2,268         | 2,098         | 3,234            | 750           |
| Black alone .....                                       | 6,662                      | 153                           | 474                       | 6,662                     | 166          | 1,628                       | 1,090               | 963           | 1,111         | 4,135         | 453           | 2,640         | 3,065            | 957           |
| Non-Hispanic .....                                      | 6,496                      | 151                           | 465                       | 6,496                     | X            | 1,591                       | 1,057               | 907           | 1,090         | 4,059         | 440           | 2,571         | 2,983            | 942           |
| Hispanic .....                                          | 166                        | 3                             | 9                         | 166                       | 166          | 37                          | 33                  | 55            | 21            | 76            | 14            | 68            | 83               | 15            |
| American Indian or Alaska Native alone .....            | 409                        | 13                            | 49                        | X                         | 79           | 103                         | 66                  | 24            | 64            | 126           | 194           | 83            | 161              | 164           |
| Asian alone .....                                       | 2,714                      | 121                           | 34                        | X                         | 67           | 364                         | 173                 | 580           | 313           | 558           | 1,262         | 890           | 1,739            | 85            |
| Pacific Islander alone <sup>1</sup> .....               | 158                        | 12                            | 2                         | X                         | 25           | 37                          | 3                   | 4             | 16            | 41            | 96            | 44            | 107              | 6             |
| Two or more races .....                                 | 793                        | 15                            | 65                        | X                         | 111          | 187                         | 78                  | 100           | 152           | 297           | 244           | 198           | 411              | 183           |
| Hispanic or Latino (any race) <sup>2</sup> .....        | 6,530                      | 152                           | 584                       | 166                       | 6,530        | 1,077                       | 1,031               | 604           | 583           | 2,911         | 2,432         | 2,248         | 3,498            | 783           |
| <b>Age of Householder</b>                               |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Under 25 years old .....                                | 830                        | 48                            | 128                       | 46                        | 127          | X                           | 197                 | 103           | 203           | 345           | 179           | 198           | 420              | 211           |
| 25 to 29 years old .....                                | 3,136                      | 222                           | 240                       | 190                       | 341          | X                           | 250                 | 407           | 832           | 1,247         | 649           | 849           | 1,580            | 706           |
| 30 to 34 years old .....                                | 5,391                      | 329                           | 325                       | 398                       | 617          | X                           | 363                 | 839           | 1,332         | 2,098         | 1,123         | 1,410         | 2,993            | 989           |
| 35 to 44 years old .....                                | 12,847                     | 498                           | 951                       | 1,231                     | 1,544        | X                           | 971                 | 2,217         | 3,009         | 5,045         | 2,577         | 3,046         | 7,337            | 2,465         |
| 45 to 54 years old .....                                | 16,994                     | 308                           | 1,169                     | 1,680                     | 1,657        | X                           | 1,246               | 3,186         | 4,039         | 6,338         | 3,431         | 3,869         | 9,836            | 3,288         |
| 55 to 64 years old .....                                | 16,643                     | 321                           | 1,249                     | 1,489                     | 1,168        | X                           | 1,431               | 3,129         | 3,834         | 6,291         | 3,390         | 3,611         | 9,214            | 3,817         |
| 65 to 74 years old .....                                | 10,802                     | 131                           | 950                       | 915                       | 632          | 10,802                      | 1,118               | 1,812         | 2,556         | 4,231         | 2,204         | 2,206         | 5,755            | 2,841         |
| 75 years old and over .....                             | 9,448                      | 39                            | 666                       | 713                       | 445          | 9,448                       | 1,427               | 1,788         | 2,228         | 3,524         | 1,908         | 2,201         | 4,830            | 2,417         |
| <b>Median (years old)</b> .....                         | <b>54</b>                  | <b>41</b>                     | <b>55</b>                 | <b>53</b>                 | <b>48</b>    | <b>74</b>                   | <b>58</b>           | <b>54</b>     | <b>54</b>     | <b>54</b>     | <b>54</b>     | <b>53</b>     | <b>53</b>        | <b>56</b>     |
| <b>Educational Attainment of the Householder</b>        |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Less than 9th grade .....                               | 2,867                      | 19                            | 568                       | 272                       | 1,195        | 1,514                       | 818                 | 259           | 463           | 1,555         | 589           | 754           | 1,244            | 869           |
| 9th to 12th grade, no diploma .....                     | 5,217                      | 69                            | 941                       | 680                       | 789          | 2,174                       | 1,096               | 796           | 1,184         | 2,442         | 794           | 1,041         | 2,656            | 1,520         |
| High school graduate (includes equivalency) .....       | 22,177                     | 479                           | 2,527                     | 2,049                     | 1,863        | 7,020                       | 2,590               | 4,127         | 6,083         | 8,389         | 3,577         | 4,277         | 11,574           | 6,326         |
| Additional vocational training .....                    | 2,828                      | 101                           | 285                       | 227                       | 211          | 702                         | 263                 | 456           | 872           | 1,000         | 500           | 509           | 1,524            | 794           |
| Some college, no degree .....                           | 12,601                     | 236                           | 739                       | 1,280                     | 998          | 3,310                       | 1,024               | 1,793         | 2,988         | 4,735         | 3,084         | 2,997         | 6,990            | 2,614         |
| Associate's degree .....                                | 6,766                      | 201                           | 487                       | 624                       | 490          | 1,112                       | 505                 | 1,163         | 1,614         | 2,536         | 1,452         | 1,516         | 3,666            | 1,583         |
| Bachelor's degree .....                                 | 16,088                     | 580                           | 330                       | 1,109                     | 762          | 2,784                       | 655                 | 3,018         | 3,542         | 5,906         | 3,622         | 3,999         | 9,700            | 2,389         |
| Graduate or professional degree .....                   | 10,375                     | 314                           | 86                        | 648                       | 434          | 2,336                       | 317                 | 2,323         | 2,158         | 3,554         | 2,341         | 2,806         | 6,137            | 1,433         |
| <b>Percent high school graduate or higher</b> .....     | <b>89.4</b>                | <b>95.3</b>                   | <b>73.4</b>               | <b>85.7</b>               | <b>69.6</b>  | <b>81.8</b>                 | <b>72.7</b>         | <b>92.2</b>   | <b>90.9</b>   | <b>86.3</b>   | <b>91.0</b>   | <b>89.7</b>   | <b>90.7</b>      | <b>85.7</b>   |
| <b>Percent bachelor's degree or higher</b> .....        | <b>34.8</b>                | <b>47.1</b>                   | <b>7.3</b>                | <b>26.4</b>               | <b>18.3</b>  | <b>25.3</b>                 | <b>13.9</b>         | <b>39.6</b>   | <b>31.6</b>   | <b>32.5</b>   | <b>38.6</b>   | <b>39.1</b>   | <b>37.7</b>      | <b>22.8</b>   |
| <b>Citizenship of Householder</b>                       |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Citizen of the United States .....                      | 73,130                     | 1,808                         | 5,396                     | 6,447                     | 4,980        | 19,943                      | 6,517               | 13,010        | 17,712        | 27,890        | 14,517        | 16,459        | 40,169           | 16,502        |
| Naturalized citizen of the United States .....          | 5,095                      | 155                           | 145                       | 434                       | 1,438        | 1,230                       | 539                 | 1,220         | 609           | 1,465         | 1,801         | 1,639         | 3,200            | 256           |
| Not citizen of the United States .....                  | 2,962                      | 90                            | 282                       | 215                       | 1,551        | 308                         | 486                 | 470           | 320           | 1,228         | 943           | 932           | 1,798            | 232           |
| <b>Year Householder Immigrated to the United States</b> |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| 2010 to 2014 .....                                      | 21                         | Z                             | 7                         | Z                         | 7            | 1                           | 4                   | 2             | 2             | 12            | 4             | 5             | 16               | Z             |
| 2005 to 2009 .....                                      | 317                        | 25                            | 17                        | 21                        | 87           | 9                           | 36                  | 55            | 34            | 151           | 77            | 95            | 195              | 27            |
| 2000 to 2004 .....                                      | 701                        | 37                            | 67                        | 54                        | 271          | 27                          | 110                 | 122           | 103           | 276           | 200           | 201           | 454              | 46            |
| 1995 to 1999 .....                                      | 1,024                      | 51                            | 85                        | 104                       | 396          | 35                          | 148                 | 206           | 118           | 393           | 307           | 351           | 598              | 75            |
| 1990 to 1994 .....                                      | 1,091                      | 28                            | 44                        | 98                        | 396          | 55                          | 112                 | 211           | 146           | 344           | 389           | 341           | 704              | 46            |
| 1980 to 1989 .....                                      | 2,100                      | 46                            | 86                        | 217                       | 880          | 187                         | 287                 | 426           | 188           | 712           | 774           | 712           | 1,309            | 79            |
| 1979 or before .....                                    | 2,803                      | 58                            | 122                       | 153                       | 952          | 1,224                       | 329                 | 668           | 337           | 805           | 993           | 866           | 1,721            | 216           |

See footnotes at end of table.

Table C-08-00.

**Household Demographics—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                       | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |        |        | Inside MSA   |                  | Outside MSA |
|-------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|--------|--------|--------------|------------------|-------------|
|                                                       |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South  | West   | Central city | Not central city |             |
| Year Householder Moved Into Unit                      |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| 2010 to 2014 . . . . .                                | 5,902                      | 561                           | 521                       | 419                       | 661      | 539                         | 527                 | 837        | 1,271   | 2,237  | 1,557  | 1,521        | 3,124            | 1,256       |
| 2005 to 2009 . . . . .                                | 18,966                     | 1,322                         | 1,564                     | 1,608                     | 1,880    | 2,093                       | 1,547               | 2,904      | 4,224   | 7,871  | 3,967  | 4,622        | 10,573           | 3,771       |
| 2000 to 2004 . . . . .                                | 14,921                     | 3                             | 1,329                     | 1,262                     | 1,583    | 2,438                       | 1,252               | 2,400      | 3,446   | 5,809  | 3,266  | 3,268        | 8,542            | 3,112       |
| 1995 to 1999 . . . . .                                | 10,106                     | 4                             | 1,082                     | 925                       | 887      | 2,257                       | 865                 | 1,782      | 2,358   | 3,893  | 2,072  | 2,058        | 5,800            | 2,248       |
| 1990 to 1994 . . . . .                                | 7,115                      | 3                             | 556                       | 607                       | 495      | 1,867                       | 647                 | 1,264      | 1,816   | 2,694  | 1,341  | 1,569        | 3,928            | 1,617       |
| 1985 to 1989 . . . . .                                | 5,279                      | Z                             | 281                       | 444                       | 322      | 1,702                       | 404                 | 1,064      | 1,311   | 1,849  | 1,055  | 1,141        | 3,009            | 1,129       |
| 1980 to 1984 . . . . .                                | 3,052                      | 3                             | 148                       | 273                       | 199      | 1,248                       | 321                 | 758        | 725     | 1,096  | 473    | 668          | 1,621            | 763         |
| 1975 to 1979 . . . . .                                | 3,542                      | 2                             | 108                       | 358                       | 171      | 2,013                       | 377                 | 678        | 962     | 1,266  | 635    | 809          | 1,738            | 995         |
| 1970 to 1974 . . . . .                                | 2,471                      | Z                             | 67                        | 276                       | 140      | 1,868                       | 309                 | 538        | 653     | 905    | 375    | 567          | 1,212            | 691         |
| 1960 to 1969 . . . . .                                | 2,939                      | Z                             | 20                        | 316                       | 114      | 2,616                       | 434                 | 727        | 799     | 954    | 459    | 750          | 1,523            | 666         |
| 1950 to 1959 . . . . .                                | 1,427                      | Z                             | Z                         | 149                       | 67       | 1,254                       | 218                 | 408        | 371     | 422    | 227    | 346          | 722              | 360         |
| 1940 to 1949 . . . . .                                | 271                        | Z                             | 2                         | 21                        | 11       | 253                         | 68                  | 93         | 71      | 90     | 18     | 50           | 146              | 75          |
| 1939 or earlier . . . . .                             | 102                        | Z                             | Z                         | 6                         | Z        | 102                         | 34                  | 28         | 26      | 33     | 15     | 21           | 30               | 51          |
| Median (year) . . . . .                               | 2000                       | 2009                          | 2002                      | 1999                      | 2002     | 1987                        | 1999                | 1998       | 1999    | 2001   | 2001   | 2001         | 2000             | 1999        |
| HOUSEHOLD CHARACTERISTICS                             |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Household Moves and Formation in Last Year            |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Total with a move in last year . . . . .              | 7,349                      | 453                           | 705                       | 572                       | 825      | 790                         | 712                 | 1,035      | 1,676   | 2,865  | 1,773  | 1,806        | 3,986            | 1,558       |
| Household all moved here from one unit . . . . .      | 3,107                      | 288                           | 311                       | 204                       | 364      | 342                         | 316                 | 426        | 683     | 1,229  | 769    | 802          | 1,639            | 666         |
| Previous householder moved here . . . . .             | 2,476                      | 236                           | 229                       | 158                       | 300      | 262                         | 211                 | 336        | 537     | 964    | 638    | 645          | 1,287            | 543         |
| Previous householder did not move here . . . . .      | 401                        | 30                            | 50                        | 22                        | 38       | 20                          | 76                  | 58         | 95      | 173    | 75     | 91           | 232              | 77          |
| Previous householder not reported . . . . .           | 230                        | 22                            | 32                        | 24                        | 25       | 60                          | 28                  | 32         | 51      | 92     | 56     | 66           | 119              | 45          |
| Household moved here from two or more units . . . . . | 273                        | 13                            | 26                        | 19                        | 24       | 10                          | 22                  | 36         | 71      | 82     | 84     | 65           | 154              | 54          |
| 1 previous householder moved here . . . . .           | 53                         | 1                             | 8                         | 4                         | 4        | Z                           | 7                   | 3          | 26      | 10     | 13     | 12           | 34               | 7           |
| 2 or more previous householders moved here . . . . .  | 113                        | 6                             | 7                         | 9                         | 14       | 6                           | 7                   | 13         | 23      | 39     | 38     | 30           | 69               | 14          |
| No previous householder moved here . . . . .          | 60                         | 1                             | 11                        | Z                         | 4        | Z                           | 6                   | 14         | 11      | 24     | 11     | 11           | 25               | 24          |
| Previous householder(s) not reported . . . . .        | 46                         | 5                             | Z                         | 6                         | 3        | 3                           | 2                   | 5          | 11      | 9      | 22     | 11           | 26               | 9           |
| Some already here, rest moved in . . . . .            | 3,968                      | 152                           | 369                       | 350                       | 438      | 438                         | 374                 | 573        | 920     | 1,554  | 920    | 936          | 2,193            | 838         |
| 1 or more previous householders moved here . . . . .  | 1,415                      | 46                            | 145                       | 138                       | 140      | 227                         | 138                 | 180        | 311     | 588    | 337    | 332          | 785              | 298         |
| No previous householder moved here . . . . .          | 2,173                      | 93                            | 191                       | 158                       | 262      | 158                         | 182                 | 337        | 518     | 844    | 475    | 510          | 1,186            | 478         |
| Previous householder(s) not reported . . . . .        | 379                        | 13                            | 33                        | 53                        | 36       | 53                          | 53                  | 57         | 92      | 122    | 108    | 95           | 222              | 62          |
| Number of previous units not reported . . . . .       | 2                          | Z                             | Z                         | Z                         | Z        | Z                           | Z                   | Z          | 2       | Z      | Z      | 2            | Z                | Z           |
| Persons                                               |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| 1 person. . . . .                                     | 17,563                     | 307                           | 1,587                     | 1,825                     | 1,006    | 7,560                       | 3,034               | 3,110      | 4,221   | 6,861  | 3,370  | 4,519        | 8,902            | 4,142       |
| 2 persons. . . . .                                    | 27,896                     | 673                           | 2,011                     | 1,911                     | 1,628    | 10,363                      | 1,621               | 4,773      | 6,781   | 10,704 | 5,639  | 6,160        | 14,980           | 6,757       |
| 3 persons. . . . .                                    | 11,889                     | 371                           | 844                       | 1,218                     | 1,137    | 1,424                       | 662                 | 2,047      | 2,602   | 4,814  | 2,427  | 2,591        | 6,835            | 2,464       |
| 4 persons. . . . .                                    | 10,922                     | 358                           | 553                       | 891                       | 1,197    | 499                         | 625                 | 2,144      | 2,664   | 3,952  | 2,162  | 2,347        | 6,646            | 1,929       |
| 5 persons. . . . .                                    | 4,988                      | 122                           | 347                       | 494                       | 906      | 231                         | 526                 | 952        | 1,145   | 1,760  | 1,130  | 1,105        | 3,052            | 830         |
| 6 persons. . . . .                                    | 1,702                      | 49                            | 151                       | 189                       | 330      | 117                         | 219                 | 286        | 388     | 588    | 440    | 402          | 956              | 344         |
| 7 persons or more . . . . .                           | 1,131                      | 17                            | 185                       | 134                       | 325      | 57                          | 317                 | 169        | 230     | 439    | 292    | 267          | 596              | 269         |
| Household Composition by Age of Householder           |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| 2-or-more-person households . . . . .                 | 58,529                     | 1,591                         | 4,091                     | 4,837                     | 5,525    | 12,690                      | 3,969               | 10,371     | 13,811  | 22,257 | 12,090 | 12,871       | 33,065           | 12,592      |
| Married-couple families, no nonrelatives . . . . .    | 45,408                     | 1,309                         | 2,762                     | 2,859                     | 3,938    | 10,114                      | 2,240               | 8,159      | 10,855  | 17,056 | 9,337  | 9,386        | 26,067           | 9,955       |
| Under 25 years old . . . . .                          | 234                        | 17                            | 43                        | 9                         | 45       | X                           | 27                  | 32         | 39      | 98     | 65     | 45           | 102              | 87          |
| 25 to 29 years old . . . . .                          | 1,601                      | 144                           | 95                        | 50                        | 154      | X                           | 78                  | 208        | 433     | 629    | 330    | 382          | 814              | 405         |
| 30 to 34 years old . . . . .                          | 3,339                      | 215                           | 160                       | 156                       | 375      | X                           | 152                 | 512        | 884     | 1,293  | 650    | 795          | 1,977            | 568         |
| 35 to 44 years old . . . . .                          | 9,000                      | 377                           | 583                       | 623                       | 1,081    | X                           | 504                 | 1,618      | 2,080   | 3,473  | 1,829  | 1,948        | 5,309            | 1,743       |
| 45 to 64 years old . . . . .                          | 21,120                     | 452                           | 1,165                     | 1,475                     | 1,756    | X                           | 857                 | 4,043      | 5,061   | 7,655  | 4,361  | 4,290        | 12,395           | 4,436       |
| 65 years old and over . . . . .                       | 10,114                     | 103                           | 716                       | 547                       | 527      | 10,114                      | 623                 | 1,745      | 2,357   | 3,909  | 2,103  | 1,927        | 5,471            | 2,717       |
| Other male householder . . . . .                      | 4,813                      | 98                            | 542                       | 502                       | 601      | 699                         | 427                 | 810        | 1,141   | 1,768  | 1,095  | 1,281        | 2,496            | 1,036       |
| Under 45 years old . . . . .                          | 1,993                      | 73                            | 191                       | 200                       | 290      | X                           | 162                 | 293        | 517     | 736    | 447    | 567          | 1,001            | 425         |
| 45 to 64 years old . . . . .                          | 2,120                      | 24                            | 258                       | 212                       | 238      | X                           | 187                 | 394        | 479     | 767    | 480    | 525          | 1,144            | 452         |
| 65 years old and over . . . . .                       | 699                        | 1                             | 94                        | 91                        | 73       | 699                         | 78                  | 122        | 144     | 264    | 168    | 189          | 350              | 160         |
| Other female householder . . . . .                    | 8,308                      | 184                           | 786                       | 1,475                     | 985      | 1,877                       | 1,302               | 1,402      | 1,815   | 3,433  | 1,658  | 2,204        | 4,503            | 1,601       |
| Under 45 years old . . . . .                          | 2,806                      | 118                           | 339                       | 447                       | 392      | X                           | 474                 | 394        | 688     | 1,166  | 558    | 734          | 1,484            | 588         |
| 45 to 64 years old . . . . .                          | 3,625                      | 57                            | 317                       | 708                       | 441      | X                           | 511                 | 694        | 733     | 1,481  | 717    | 956          | 2,016            | 653         |
| 65 years old and over . . . . .                       | 1,877                      | 8                             | 131                       | 321                       | 152      | 1,877                       | 317                 | 314        | 395     | 786    | 383    | 514          | 1,003            | 361         |

See footnotes at end of table.

Table C-08-00.

**Household Demographics—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                        | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |        |        | Inside MSA   |                  | Outside MSA |
|------------------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|--------|--------|--------------|------------------|-------------|
|                                                                        |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South  | West   | Central city | Not central city |             |
| Household Composition by Age of Householder—Con.                       |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| 1-person households . . . . .                                          | 17,563                     | 307                           | 1,587                     | 1,825                     | 1,006    | 7,560                       | 3,034               | 3,110      | 4,221   | 6,861  | 3,370  | 4,519        | 8,902            | 4,142       |
| Male householder . . . . .                                             | 7,351                      | 161                           | 734                       | 738                       | 475      | 2,169                       | 1,120               | 1,232      | 1,864   | 2,818  | 1,437  | 1,826        | 3,813            | 1,713       |
| Under 45 years old . . . . .                                           | 2,046                      | 101                           | 159                       | 189                       | 182      | X                           | 245                 | 322        | 479     | 825    | 421    | 609          | 1,086            | 352         |
| 45 to 64 years old . . . . .                                           | 3,136                      | 40                            | 371                       | 349                       | 187      | X                           | 521                 | 517        | 819     | 1,221  | 579    | 757          | 1,621            | 758         |
| 65 years old and over . . . . .                                        | 2,169                      | 20                            | 204                       | 200                       | 106      | 2,169                       | 354                 | 394        | 566     | 772    | 437    | 460          | 1,107            | 603         |
| Female householder . . . . .                                           | 10,211                     | 147                           | 854                       | 1,087                     | 531      | 5,390                       | 1,914               | 1,877      | 2,357   | 4,043  | 1,934  | 2,693        | 5,089            | 2,430       |
| Under 45 years old . . . . .                                           | 1,185                      | 52                            | 75                        | 191                       | 110      | X                           | 139                 | 186        | 256     | 515    | 228    | 423          | 559              | 204         |
| 45 to 64 years old . . . . .                                           | 3,635                      | 56                            | 308                       | 426                       | 202      | X                           | 601                 | 667        | 780     | 1,504  | 685    | 953          | 1,875            | 807         |
| 65 years old and over . . . . .                                        | 5,390                      | 38                            | 471                       | 469                       | 219      | 5,390                       | 1,175               | 1,025      | 1,321   | 2,024  | 1,021  | 1,317        | 2,655            | 1,419       |
| Households With Single Children Under 18 Years Old                     |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Total households with children . . . . .                               | 23,783                     | 823                           | 1,735                     | 2,318                     | 3,094    | 802                         | 2,213               | 4,115      | 5,602   | 9,188  | 4,878  | 5,324        | 13,804           | 4,654       |
| Married couples . . . . .                                              | 18,479                     | 681                           | 1,108                     | 1,313                     | 2,295    | 381                         | 1,178               | 3,310      | 4,351   | 6,949  | 3,869  | 3,963        | 11,000           | 3,516       |
| One child under 6 years old only . . . . .                             | 2,291                      | 160                           | 117                       | 142                       | 217      | 43                          | 80                  | 358        | 514     | 924    | 496    | 554          | 1,327            | 410         |
| One under 6 years old, one or more 6 to 17 years old . . . . .         | 2,919                      | 108                           | 224                       | 229                       | 484      | 36                          | 250                 | 524        | 671     | 1,112  | 612    | 698          | 1,714            | 507         |
| Two or more under 6 years old only . . . . .                           | 1,634                      | 100                           | 67                        | 50                        | 176      | 23                          | 58                  | 354        | 441     | 513    | 325    | 342          | 972              | 321         |
| Two or more under 6 years old, one or more 6 to 17 years old . . . . . | 878                        | 41                            | 111                       | 64                        | 134      | 17                          | 179                 | 115        | 233     | 328    | 202    | 176          | 435              | 268         |
| One or more 6 to 17 years old only . . . . .                           | 10,757                     | 272                           | 589                       | 828                       | 1,283    | 262                         | 612                 | 1,959      | 2,492   | 4,073  | 2,233  | 2,194        | 6,552            | 2,011       |
| Other households with two or more adults . . . . .                     | 3,027                      | 56                            | 347                       | 615                       | 527      | 356                         | 569                 | 498        | 708     | 1,219  | 601    | 779          | 1,630            | 617         |
| One child under 6 years old only . . . . .                             | 493                        | 6                             | 65                        | 83                        | 91       | 56                          | 74                  | 104        | 125     | 180    | 84     | 136          | 251              | 106         |
| One under 6 years old, one or more 6 to 17 years old . . . . .         | 455                        | 15                            | 73                        | 85                        | 94       | 38                          | 111                 | 43         | 93      | 210    | 109    | 138          | 225              | 92          |
| Two or more under 6 years old only . . . . .                           | 144                        | Z                             | 17                        | 38                        | 20       | 22                          | 34                  | 24         | 24      | 72     | 24     | 28           | 73               | 43          |
| Two or more under 6 years old, one or more 6 to 17 years old . . . . . | 107                        | Z                             | 17                        | 13                        | 34       | 7                           | 34                  | 8          | 36      | 40     | 23     | 24           | 61               | 22          |
| One or more 6 to 17 years old only . . . . .                           | 1,828                      | 35                            | 175                       | 396                       | 288      | 233                         | 316                 | 318        | 430     | 718    | 361    | 454          | 1,020            | 354         |
| Households with one adult or none . . . . .                            | 2,277                      | 85                            | 280                       | 389                       | 272      | 64                          | 465                 | 307        | 542     | 1,020  | 408    | 581          | 1,174            | 521         |
| One child under 6 years old only . . . . .                             | 237                        | 28                            | 45                        | 47                        | 25       | Z                           | 53                  | 14         | 65      | 121    | 37     | 75           | 115              | 48          |
| One under 6 years old, one or more 6 to 17 years old . . . . .         | 264                        | 22                            | 56                        | 44                        | 61       | 3                           | 95                  | 25         | 59      | 151    | 29     | 73           | 135              | 56          |
| Two or more under 6 years old only . . . . .                           | 56                         | 2                             | 19                        | 8                         | 10       | Z                           | 18                  | 11         | 17      | 23     | 5      | 6            | 29               | 20          |
| Two or more under 6 years old, one or more 6 to 17 years old . . . . . | 43                         | Z                             | 7                         | 8                         | 6        | Z                           | 10                  | 7          | 9       | 23     | 5      | 6            | 31               | 6           |
| One or more 6 to 17 years old only . . . . .                           | 1,677                      | 33                            | 153                       | 281                       | 170      | 61                          | 289                 | 250        | 393     | 703    | 332    | 421          | 864              | 392         |
| Total households with no children . . . . .                            | 52,309                     | 1,075                         | 3,943                     | 4,344                     | 3,436    | 19,449                      | 4,790               | 9,366      | 12,431  | 19,930 | 10,582 | 12,066       | 28,162           | 12,080      |
| Married couples . . . . .                                              | 27,411                     | 630                           | 1,702                     | 1,571                     | 1,730    | 9,799                       | 1,098               | 4,927      | 6,596   | 10,284 | 5,604  | 5,513        | 15,353           | 6,545       |
| Other households with two or more adults . . . . .                     | 7,337                      | 138                           | 654                       | 949                       | 700      | 2,089                       | 661                 | 1,331      | 1,614   | 2,785  | 1,607  | 2,035        | 3,910            | 1,393       |
| Households with one adult . . . . .                                    | 17,560                     | 307                           | 1,587                     | 1,825                     | 1,006    | 7,560                       | 3,031               | 3,107      | 4,221   | 6,861  | 3,371  | 4,519        | 8,899            | 4,142       |
| Number of Single Children Under 18 Years Old                           |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| None . . . . .                                                         | 52,309                     | 1,075                         | 3,943                     | 4,344                     | 3,436    | 19,449                      | 4,790               | 9,366      | 12,431  | 19,930 | 10,582 | 12,066       | 28,162           | 12,080      |
| 1 . . . . .                                                            | 9,851                      | 339                           | 696                       | 1,149                     | 1,065    | 442                         | 735                 | 1,691      | 2,127   | 4,046  | 1,987  | 2,271        | 5,643            | 1,936       |
| 2 . . . . .                                                            | 9,201                      | 314                           | 583                       | 751                       | 1,160    | 245                         | 678                 | 1,687      | 2,294   | 3,380  | 1,840  | 1,998        | 5,483            | 1,721       |
| 3 . . . . .                                                            | 3,348                      | 130                           | 265                       | 291                       | 618      | 96                          | 454                 | 569        | 790     | 1,245  | 744    | 746          | 1,976            | 626         |
| 4 . . . . .                                                            | 896                        | 32                            | 84                        | 64                        | 176      | 7                           | 151                 | 110        | 255     | 306    | 225    | 219          | 452              | 225         |
| 5 . . . . .                                                            | 350                        | 6                             | 91                        | 39                        | 56       | 11                          | 145                 | 46         | 97      | 152    | 56     | 72           | 175              | 104         |
| 6 or more . . . . .                                                    | 136                        | 2                             | 17                        | 24                        | 18       | Z                           | 50                  | 12         | 40      | 59     | 26     | 18           | 75               | 43          |
| Own Never-Married Children Under 18 Years Old                          |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| No own children under 18 years old . . . . .                           | 54,891                     | 1,103                         | 4,254                     | 4,843                     | 3,872    | 20,101                      | 5,248               | 9,741      | 12,977  | 21,047 | 11,125 | 12,687       | 29,508           | 12,695      |
| With own children under 18 years old . . . . .                         | 21,201                     | 795                           | 1,424                     | 1,819                     | 2,659    | 150                         | 1,755               | 3,739      | 5,055   | 8,072  | 4,335  | 4,703        | 12,458           | 4,040       |
| Under 6 years old only . . . . .                                       | 4,098                      | 287                           | 224                       | 231                       | 374      | 15                          | 209                 | 760        | 1,007   | 1,495  | 836    | 991          | 2,351            | 756         |
| 1 . . . . .                                                            | 2,484                      | 185                           | 170                       | 170                       | 220      | 13                          | 140                 | 396        | 561     | 1,018  | 510    | 655          | 1,375            | 453         |
| 2 . . . . .                                                            | 1,422                      | 94                            | 49                        | 53                        | 135      | 2                           | 60                  | 325        | 380     | 429    | 288    | 290          | 862              | 270         |
| 3 or more . . . . .                                                    | 193                        | 8                             | 4                         | 8                         | 19       | Z                           | 9                   | 39         | 67      | 49     | 38     | 47           | 114              | 32          |
| 6 to 17 years old only . . . . .                                       | 13,152                     | 333                           | 837                       | 1,265                     | 1,637    | 126                         | 1,041               | 2,345      | 3,101   | 5,009  | 2,697  | 2,771        | 7,901            | 2,481       |
| 1 . . . . .                                                            | 6,276                      | 144                           | 428                       | 765                       | 701      | 90                          | 465                 | 1,132      | 1,307   | 2,568  | 1,269  | 1,370        | 3,685            | 1,222       |
| 2 . . . . .                                                            | 5,034                      | 127                           | 267                       | 334                       | 645      | 17                          | 341                 | 912        | 1,286   | 1,797  | 1,039  | 1,033        | 3,090            | 911         |
| 3 or more . . . . .                                                    | 1,842                      | 62                            | 142                       | 166                       | 291      | 19                          | 236                 | 302        | 507     | 644    | 389    | 368          | 1,126            | 348         |
| Both age groups . . . . .                                              | 3,950                      | 175                           | 363                       | 323                       | 648      | 9                           | 504                 | 633        | 947     | 1,568  | 802    | 941          | 2,207            | 803         |
| 2 . . . . .                                                            | 1,854                      | 80                            | 136                       | 184                       | 230      | 1                           | 124                 | 328        | 447     | 739    | 339    | 451          | 1,109            | 294         |
| 3 or more . . . . .                                                    | 2,096                      | 95                            | 227                       | 139                       | 417      | 7                           | 380                 | 305        | 500     | 828    | 463    | 490          | 1,097            | 509         |

See footnotes at end of table.

Table C-08-00.

**Household Demographics—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                            | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |        |        | Inside MSA   |                  | Outside MSA |
|------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|--------|--------|--------------|------------------|-------------|
|                                                            |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South  | West   | Central city | Not central city |             |
| <b>Persons 65 Years Old and Over</b>                       |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| None .....                                                 | 53,053                     | 1,653                         | 3,846                     | 4,756                     | 5,155    | X                           | 4,273               | 9,283      | 12,785  | 20,311 | 10,674 | 12,358       | 29,757           | 10,939      |
| 1 person. ....                                             | 14,329                     | 156                           | 1,253                     | 1,434                     | 919      | 11,766                      | 2,152               | 2,680      | 3,199   | 5,518  | 2,933  | 3,319        | 7,493            | 3,517       |
| 2 persons or more .....                                    | 8,709                      | 89                            | 579                       | 471                       | 456      | 8,484                       | 578                 | 1,518      | 2,048   | 3,290  | 1,853  | 1,714        | 4,716            | 2,279       |
| <b>Persons Other Than Spouse or Children<sup>3</sup></b>   |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| With other relatives .....                                 | 17,964                     | 282                           | 1,322                     | 2,447                     | 2,507    | 3,469                       | 1,640               | 3,542      | 3,722   | 6,897  | 3,803  | 4,162        | 10,543           | 3,258       |
| Single adult offspring 18 to 29 years old .....            | 10,385                     | 176                           | 691                       | 1,269                     | 1,479    | 366                         | 754                 | 2,223      | 2,273   | 3,766  | 2,123  | 2,205        | 6,353            | 1,827       |
| Single adult offspring 30 years old or over .....          | 3,699                      | 41                            | 310                       | 647                       | 447      | 2,233                       | 447                 | 677        | 709     | 1,545  | 768    | 965          | 1,994            | 740         |
| Households with three generations .....                    | 2,595                      | 37                            | 276                       | 532                       | 494      | 576                         | 415                 | 446        | 458     | 1,032  | 659    | 683          | 1,420            | 492         |
| Households with 1 subfamily .....                          | 2,040                      | 25                            | 244                       | 357                       | 426      | 508                         | 336                 | 339        | 375     | 816    | 511    | 499          | 1,112            | 429         |
| Subfamily householder under 30 years old .....             | 861                        | 11                            | 142                       | 159                       | 215      | 63                          | 157                 | 141        | 170     | 387    | 163    | 187          | 446              | 228         |
| 30 to 64 years old .....                                   | 1,102                      | 12                            | 99                        | 191                       | 196      | 441                         | 178                 | 190        | 189     | 403    | 321    | 294          | 615              | 193         |
| 65 years old and over .....                                | 77                         | 2                             | 3                         | 8                         | 15       | 4                           | 1                   | 8          | 16      | 26     | 27     | 18           | 51               | 9           |
| Households with 2 or more subfamilies .....                | 93                         | Z                             | 20                        | 10                        | 35       | 12                          | 28                  | 8          | 12      | 40     | 34     | 24           | 57               | 12          |
| Households with other types of relatives .....             | 4,775                      | 79                            | 393                       | 835                       | 780      | 1,088                       | 566                 | 834        | 839     | 1,942  | 1,160  | 1,258        | 2,690            | 826         |
| With nonrelatives .....                                    | 4,895                      | 121                           | 546                       | 342                       | 487      | 581                         | 409                 | 791        | 1,226   | 1,732  | 1,145  | 1,264        | 2,537            | 1,094       |
| Co-owners or co-renters .....                              | 938                        | 24                            | 102                       | 43                        | 62       | 119                         | 57                  | 195        | 234     | 286    | 223    | 220          | 496              | 221         |
| Lodgers .....                                              | 611                        | 5                             | 32                        | 32                        | 79       | 59                          | 44                  | 68         | 120     | 196    | 227    | 200          | 345              | 67          |
| Unrelated children, under 18 years old .....               | 446                        | 9                             | 40                        | 36                        | 61       | 40                          | 65                  | 60         | 154     | 127    | 105    | 112          | 206              | 128         |
| Other nonrelatives .....                                   | 3,389                      | 97                            | 423                       | 264                       | 352      | 401                         | 296                 | 535        | 877     | 1,243  | 735    | 852          | 1,727            | 810         |
| One or more secondary families .....                       | 267                        | 12                            | 25                        | 12                        | 37       | 14                          | 22                  | 37         | 107     | 56     | 68     | 70           | 131              | 66          |
| 2-person households, none related to each other .....      | 2,486                      | 70                            | 261                       | 105                       | 146      | 377                         | 154                 | 396        | 641     | 847    | 603    | 722          | 1,239            | 525         |
| 3-to-8-person households, none related to each other ..... | 208                        | 9                             | 9                         | 14                        | 20       | 21                          | 21                  | 28         | 40      | 71     | 68     | 56           | 115              | 37          |

<sup>1</sup> Native Hawaiian and Other Pacific Islander.<sup>2</sup> Because Hispanics may be any race, data can overlap slightly with other groups. Most Hispanics report themselves as White, but some report themselves as Black or in other categories.<sup>3</sup> Figures may not add to total because more than one category may apply to a unit.

Table C-09-00.

**Income Characteristics—Owner-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                                              | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |               |                             |                     | Regions       |               |               |               | Inside MSA    |                  | Outside MSA   |
|----------------------------------------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|---------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                                                              |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic      | Elderly (65 years and over) | Below poverty level | North-east    | Midwest       | South         | West          | Central city  | Not central city |               |
| <b>Total . . . . .</b>                                                                       | <b>76,091</b>              | <b>1,898</b>                  | <b>5,678</b>              | <b>6,662</b>              | <b>6,530</b>  | <b>20,250</b>               | <b>7,003</b>        | <b>13,480</b> | <b>18,032</b> | <b>29,119</b> | <b>15,460</b> | <b>17,390</b> | <b>41,967</b>    | <b>16,735</b> |
| <b>Household Income</b>                                                                      |                            |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Less than \$5,000 . . . . .                                                                  | 2,609                      | 36                            | 351                       | 389                       | 324           | 974                         | 2,609               | 402           | 548           | 1,193         | 466           | 654           | 1,329            | 626           |
| \$5,000 to \$9,999 . . . . .                                                                 | 1,969                      | 38                            | 383                       | 335                       | 170           | 987                         | 1,969               | 278           | 413           | 974           | 305           | 450           | 837              | 682           |
| \$10,000 to \$14,999 . . . . .                                                               | 2,859                      | 26                            | 464                       | 398                       | 264           | 1,693                       | 1,234               | 431           | 651           | 1,308         | 469           | 696           | 1,278            | 885           |
| \$15,000 to \$19,999 . . . . .                                                               | 3,062                      | 32                            | 503                       | 374                       | 342           | 1,696                       | 454                 | 456           | 763           | 1,315         | 529           | 652           | 1,466            | 945           |
| \$20,000 to \$24,999 . . . . .                                                               | 3,216                      | 35                            | 437                       | 370                       | 355           | 1,612                       | 316                 | 449           | 848           | 1,291         | 629           | 770           | 1,517            | 929           |
| \$25,000 to \$29,999 . . . . .                                                               | 4,817                      | 64                            | 615                       | 488                       | 503           | 2,123                       | 285                 | 782           | 1,091         | 2,058         | 886           | 1,076         | 2,452            | 1,288         |
| \$30,000 to \$34,999 . . . . .                                                               | 3,687                      | 81                            | 483                       | 348                       | 413           | 1,392                       | 112                 | 519           | 941           | 1,536         | 690           | 813           | 1,802            | 1,072         |
| \$35,000 to \$39,999 . . . . .                                                               | 3,508                      | 77                            | 395                       | 334                       | 352           | 1,327                       | 15                  | 534           | 833           | 1,554         | 588           | 779           | 1,754            | 976           |
| \$40,000 to \$49,999 . . . . .                                                               | 6,652                      | 150                           | 615                       | 640                       | 703           | 1,959                       | 9                   | 971           | 1,663         | 2,710         | 1,307         | 1,579         | 3,414            | 1,659         |
| \$50,000 to \$59,999 . . . . .                                                               | 6,064                      | 136                           | 399                       | 478                       | 516           | 1,551                       | Z                   | 998           | 1,606         | 2,274         | 1,187         | 1,415         | 3,230            | 1,420         |
| \$60,000 to \$79,999 . . . . .                                                               | 10,532                     | 269                           | 564                       | 904                       | 924           | 1,866                       | Z                   | 1,848         | 2,608         | 3,803         | 2,273         | 2,389         | 5,836            | 2,308         |
| \$80,000 to \$99,999 . . . . .                                                               | 7,922                      | 272                           | 222                       | 550                       | 590           | 1,097                       | Z                   | 1,561         | 2,060         | 2,693         | 1,608         | 1,741         | 4,630            | 1,551         |
| \$100,000 to \$119,999 . . . . .                                                             | 5,845                      | 154                           | 112                       | 362                       | 350           | 655                         | Z                   | 1,262         | 1,353         | 1,933         | 1,298         | 1,246         | 3,672            | 926           |
| \$120,000 or more . . . . .                                                                  | 13,349                     | 527                           | 134                       | 690                       | 725           | 1,319                       | Z                   | 2,991         | 2,654         | 4,478         | 3,226         | 3,131         | 8,750            | 1,468         |
| <b>Median (dollars) . . . . .</b>                                                            | <b>58,919</b>              | <b>80,000</b>                 | <b>30,000</b>             | <b>44,000</b>             | <b>46,700</b> | <b>33,400</b>               | <b>8,000</b>        | <b>70,000</b> | <b>57,000</b> | <b>51,000</b> | <b>65,000</b> | <b>58,000</b> | <b>65,000</b>    | <b>45,000</b> |
| <b>As percent of poverty level<sup>1</sup>:</b>                                              |                            |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Less than 50 percent . . . . .                                                               | 3,284                      | 48                            | 537                       | 502                       | 453           | 1,117                       | 3,284               | 472           | 680           | 1,538         | 594           | 806           | 1,646            | 832           |
| 50 to 99 percent . . . . .                                                                   | 3,719                      | 61                            | 700                       | 588                       | 578           | 1,428                       | 3,719               | 480           | 800           | 1,819         | 619           | 926           | 1,635            | 1,157         |
| 100 to 149 percent . . . . .                                                                 | 5,785                      | 75                            | 934                       | 723                       | 834           | 2,445                       | X                   | 842           | 1,245         | 2,627         | 1,071         | 1,310         | 2,696            | 1,780         |
| 150 to 199 percent . . . . .                                                                 | 6,708                      | 100                           | 855                       | 751                       | 821           | 2,775                       | X                   | 1,010         | 1,675         | 2,738         | 1,284         | 1,476         | 3,377            | 1,855         |
| 200 percent or more . . . . .                                                                | 56,596                     | 1,614                         | 2,652                     | 4,098                     | 3,844         | 12,484                      | X                   | 10,676        | 13,631        | 20,396        | 11,893        | 12,872        | 32,613           | 11,111        |
| <b>Income of Families and Primary Individuals</b>                                            |                            |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Less than \$5,000 . . . . .                                                                  | 2,840                      | 42                            | 397                       | 401                       | 350           | 1,006                       | 2,678               | 418           | 620           | 1,288         | 514           | 696           | 1,460            | 684           |
| \$5,000 to \$9,999 . . . . .                                                                 | 2,096                      | 38                            | 422                       | 340                       | 183           | 1,017                       | 1,971               | 297           | 431           | 1,025         | 343           | 464           | 919              | 713           |
| \$10,000 to \$14,999 . . . . .                                                               | 2,953                      | 30                            | 488                       | 406                       | 284           | 1,711                       | 1,192               | 438           | 664           | 1,345         | 506           | 731           | 1,324            | 898           |
| \$15,000 to \$19,999 . . . . .                                                               | 3,200                      | 35                            | 513                       | 381                       | 357           | 1,717                       | 444                 | 482           | 805           | 1,358         | 555           | 690           | 1,539            | 971           |
| \$20,000 to \$24,999 . . . . .                                                               | 3,440                      | 50                            | 465                       | 376                       | 376           | 1,635                       | 312                 | 472           | 914           | 1,389         | 665           | 822           | 1,626            | 992           |
| \$25,000 to \$29,999 . . . . .                                                               | 4,967                      | 67                            | 618                       | 503                       | 507           | 2,125                       | 272                 | 832           | 1,124         | 2,102         | 909           | 1,134         | 2,496            | 1,337         |
| \$30,000 to \$34,999 . . . . .                                                               | 3,799                      | 82                            | 482                       | 357                       | 420           | 1,387                       | 110                 | 532           | 972           | 1,560         | 735           | 851           | 1,862            | 1,086         |
| \$35,000 to \$39,999 . . . . .                                                               | 3,573                      | 78                            | 378                       | 342                       | 352           | 1,325                       | 14                  | 552           | 869           | 1,566         | 585           | 786           | 1,790            | 997           |
| \$40,000 to \$49,999 . . . . .                                                               | 6,733                      | 151                           | 580                       | 633                       | 710           | 1,936                       | 9                   | 1,006         | 1,706         | 2,686         | 1,336         | 1,637         | 3,460            | 1,637         |
| \$50,000 to \$59,999 . . . . .                                                               | 6,048                      | 130                           | 373                       | 477                       | 501           | 1,534                       | Z                   | 1,044         | 1,572         | 2,236         | 1,196         | 1,416         | 3,238            | 1,394         |
| \$60,000 to \$79,999 . . . . .                                                               | 10,285                     | 274                           | 531                       | 901                       | 910           | 1,861                       | Z                   | 1,800         | 2,530         | 3,727         | 2,229         | 2,314         | 5,733            | 2,238         |
| \$80,000 to \$99,999 . . . . .                                                               | 7,708                      | 270                           | 200                       | 556                       | 569           | 1,067                       | Z                   | 1,525         | 1,953         | 2,644         | 1,586         | 1,686         | 4,536            | 1,486         |
| \$100,000 to \$119,999 . . . . .                                                             | 5,662                      | 147                           | 105                       | 335                       | 338           | 642                         | Z                   | 1,205         | 1,316         | 1,878         | 1,263         | 1,197         | 3,573            | 891           |
| \$120,000 or more . . . . .                                                                  | 12,787                     | 505                           | 126                       | 653                       | 672           | 1,289                       | Z                   | 2,878         | 2,557         | 4,314         | 3,039         | 2,965         | 8,410            | 1,411         |
| <b>Median (dollars) . . . . .</b>                                                            | <b>56,000</b>              | <b>78,000</b>                 | <b>28,388</b>             | <b>42,000</b>             | <b>45,000</b> | <b>32,900</b>               | <b>7,800</b>        | <b>66,500</b> | <b>54,700</b> | <b>50,000</b> | <b>62,000</b> | <b>55,000</b> | <b>63,150</b>    | <b>43,000</b> |
| <b>Income Sources of Families and Primary Individuals<sup>2</sup></b>                        |                            |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Wages and salaries . . . . .                                                                 | 54,127                     | 1,618                         | 3,480                     | 4,679                     | 5,129         | 5,858                       | 2,038               | 9,755         | 13,003        | 20,509        | 10,860        | 12,580        | 30,594           | 10,953        |
| Wages and salaries were majority of income . . . . .                                         | 47,153                     | 1,462                         | 2,959                     | 4,145                     | 4,632         | 3,004                       | 1,670               | 8,517         | 11,253        | 17,978        | 9,406         | 11,154        | 26,770           | 9,229         |
| 2 or more people each earned over 20 percent of wages and salaries . . . . .                 | 18,090                     | 637                           | 794                       | 1,515                     | 1,879         | 644                         | 199                 | 3,452         | 4,491         | 6,776         | 3,371         | 4,025         | 10,629           | 3,435         |
| Self-employment . . . . .                                                                    | 10,076                     | 268                           | 567                       | 557                       | 738           | 1,520                       | 514                 | 1,744         | 2,355         | 3,494         | 2,484         | 2,127         | 5,777            | 2,172         |
| Interest . . . . .                                                                           | 18,588                     | 491                           | 574                       | 663                       | 719           | 7,001                       | 727                 | 3,847         | 4,587         | 6,186         | 3,968         | 4,180         | 10,834           | 3,574         |
| Dividends . . . . .                                                                          | 8,647                      | 197                           | 142                       | 235                       | 254           | 3,292                       | 268                 | 1,939         | 2,216         | 2,637         | 1,855         | 2,005         | 5,219            | 1,422         |
| Rental income . . . . .                                                                      | 5,572                      | 180                           | 120                       | 295                       | 432           | 1,643                       | 184                 | 1,060         | 1,269         | 1,610         | 1,633         | 1,458         | 2,885            | 1,229         |
| Social Security or Railroad Retirement . . . . .                                             | 24,188                     | 296                           | 2,140                     | 1,993                     | 1,406         | 18,511                      | 2,721               | 4,335         | 5,687         | 9,343         | 4,824         | 5,038         | 12,688           | 6,462         |
| Retirement or survivor pensions . . . . .                                                    | 14,872                     | 249                           | 962                       | 1,195                     | 678           | 10,036                      | 707                 | 2,761         | 3,651         | 5,280         | 3,180         | 3,079         | 8,280            | 3,513         |
| Supplementary Security Income (SSI) . . . . .                                                | 2,445                      | 26                            | 393                       | 476                       | 262           | 888                         | 689                 | 424           | 492           | 1,035         | 494           | 666           | 1,120            | 659           |
| Child support or alimony . . . . .                                                           | 2,531                      | 53                            | 293                       | 317                       | 230           | 196                         | 373                 | 377           | 661           | 1,069         | 424           | 538           | 1,358            | 636           |
| Public assistance or public welfare . . . . .                                                | 618                        | 6                             | 126                       | 93                        | 104           | 143                         | 230                 | 124           | 143           | 207           | 144           | 162           | 303              | 153           |
| Food stamp benefits . . . . .                                                                | 2,054                      | 20                            | 588                       | 462                       | 391           | 516                         | 1,365               | 216           | 519           | 1,043         | 275           | 497           | 860              | 697           |
| Disability payments, workers' compensation, veterans' disability, other disability . . . . . | 3,984                      | 100                           | 471                       | 460                       | 326           | 1,012                       | 441                 | 718           | 825           | 1,599         | 841           | 877           | 2,079            | 1,028         |
| Other income (VA payments, unemployment, royalty, estates, and more) . . . . .               | 5,155                      | 109                           | 446                       | 498                       | 492           | 820                         | 525                 | 973           | 1,334         | 1,545         | 1,302         | 1,105         | 2,952            | 1,098         |

See footnotes at end of table.

Table C-09-00.

**Income Characteristics—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                             | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |       |       | Inside MSA   |                  | Outside MSA |
|-----------------------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|-------|-------|--------------|------------------|-------------|
|                                                                             |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South | West  | Central city | Not central city |             |
| <b>Food Stamps</b>                                                          |                            |                               |                           |                           |          |                             |                     |            |         |       |       |              |                  |             |
| Families and primary individuals with incomes of \$25,000 or less . . . . . | 15,443                     | 201                           | 2,443                     | 2,015                     | 1,663    | 7,328                       | 6,684               | 2,253      | 3,597   | 6,840 | 2,753 | 3,616        | 7,330            | 4,497       |
| Received food stamps . . . . .                                              | 2,054                      | 20                            | 588                       | 462                       | 391      | 516                         | 1,365               | 216        | 519     | 1,043 | 275   | 497          | 860              | 697         |
| Did not receive food stamps . . . . .                                       | 12,001                     | 160                           | 1,722                     | 1,353                     | 1,152    | 6,218                       | 4,581               | 1,833      | 2,774   | 5,233 | 2,160 | 2,780        | 5,824            | 3,397       |
| Not reported . . . . .                                                      | 1,388                      | 22                            | 134                       | 200                       | 120      | 594                         | 738                 | 204        | 303     | 563   | 318   | 339          | 646              | 403         |

<sup>1</sup> See "poverty status" in Appendix A, Table A-1, for poverty thresholds. Households in poverty are those below 100 percent of their poverty threshold. Households with income 149 percent of their poverty threshold include those in poverty (below 100 percent of their poverty threshold), plus those who have income 49 percent above their poverty threshold. Likewise, households with a poverty threshold of 50 percent include those households with income 50 percent below their poverty threshold.

<sup>2</sup> Figures may not add to total because more than one category may apply to a unit.

Table C-10-00.

**Housing Costs—Owner-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                                               | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |              |                             |                     | Regions       |               |               |               | Inside MSA    |                  | Outside MSA   |
|-----------------------------------------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|--------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                                                               |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic     | Elderly (65 years and over) | Below poverty level | North-east    | Midwest       | South         | West          | Central city  | Not central city |               |
| <b>Total</b> .....                                                                            | <b>76,091</b>              | <b>1,898</b>                  | <b>5,678</b>              | <b>6,662</b>              | <b>6,530</b> | <b>20,250</b>               | <b>7,003</b>        | <b>13,480</b> | <b>18,032</b> | <b>29,119</b> | <b>15,460</b> | <b>17,390</b> | <b>41,967</b>    | <b>16,735</b> |
| <b>Monthly Housing Costs</b>                                                                  |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Less than \$100 .....                                                                         | 192                        | 8                             | 55                        | 24                        | 11           | 58                          | 51                  | 20            | 47            | 69            | 56            | 52            | 51               | 89            |
| \$100 to \$199 .....                                                                          | 1,687                      | 45                            | 532                       | 187                       | 137          | 877                         | 515                 | 96            | 354           | 970           | 267           | 258           | 595              | 833           |
| \$200 to \$249 .....                                                                          | 1,906                      | 18                            | 460                       | 234                       | 159          | 991                         | 441                 | 101           | 388           | 1,124         | 293           | 312           | 726              | 867           |
| \$250 to \$299 .....                                                                          | 2,557                      | 30                            | 457                       | 273                       | 239          | 1,346                       | 443                 | 175           | 629           | 1,264         | 489           | 480           | 1,027            | 1,050         |
| \$300 to \$349 .....                                                                          | 2,942                      | 22                            | 432                       | 277                       | 232          | 1,488                       | 509                 | 214           | 796           | 1,482         | 450           | 563           | 1,312            | 1,068         |
| \$350 to \$399 .....                                                                          | 2,946                      | 37                            | 335                       | 228                       | 253          | 1,494                       | 452                 | 322           | 797           | 1,315         | 512           | 644           | 1,345            | 957           |
| \$400 to \$449 .....                                                                          | 2,765                      | 32                            | 267                       | 225                       | 167          | 1,403                       | 373                 | 367           | 843           | 1,080         | 475           | 638           | 1,257            | 870           |
| \$450 to \$499 .....                                                                          | 2,415                      | 21                            | 239                       | 177                       | 174          | 1,169                       | 298                 | 352           | 660           | 1,002         | 401           | 548           | 1,278            | 588           |
| \$500 to \$599 .....                                                                          | 4,694                      | 58                            | 575                       | 416                       | 356          | 1,980                       | 628                 | 774           | 1,331         | 1,768         | 821           | 1,096         | 2,275            | 1,323         |
| \$600 to \$699 .....                                                                          | 4,196                      | 65                            | 485                       | 385                       | 329          | 1,581                       | 469                 | 801           | 1,135         | 1,642         | 617           | 983           | 2,083            | 1,130         |
| \$700 to \$799 .....                                                                          | 4,041                      | 67                            | 458                       | 383                       | 311          | 1,245                       | 399                 | 746           | 1,058         | 1,669         | 568           | 877           | 2,084            | 1,080         |
| \$800 to \$999 .....                                                                          | 7,359                      | 145                           | 615                       | 714                       | 636          | 1,739                       | 652                 | 1,236         | 2,024         | 3,030         | 1,069         | 1,734         | 3,775            | 1,850         |
| \$1,000 to \$1,249 .....                                                                      | 8,520                      | 192                           | 335                       | 812                       | 786          | 1,485                       | 531                 | 1,407         | 2,358         | 3,265         | 1,490         | 2,147         | 4,646            | 1,727         |
| \$1,250 to \$1,499 .....                                                                      | 7,186                      | 252                           | 178                       | 600                       | 650          | 961                         | 347                 | 1,225         | 1,835         | 2,564         | 1,563         | 1,780         | 4,255            | 1,151         |
| \$1,500 to \$1,999 .....                                                                      | 9,441                      | 321                           | 134                       | 778                       | 927          | 1,083                       | 412                 | 1,921         | 2,029         | 3,178         | 2,314         | 2,186         | 6,121            | 1,134         |
| \$2,000 to \$2,499 .....                                                                      | 5,556                      | 208                           | 28                        | 476                       | 522          | 570                         | 196                 | 1,538         | 919           | 1,631         | 1,468         | 1,233         | 3,832            | 492           |
| \$2,500 or more .....                                                                         | 7,690                      | 378                           | 91                        | 474                       | 641          | 781                         | 287                 | 2,187         | 831           | 2,065         | 2,607         | 1,858         | 5,305            | 527           |
| No cash rent .....                                                                            | X                          | X                             | X                         | X                         | X            | X                           | X                   | X             | X             | X             | X             | X             | X                | X             |
| <b>Median (excludes no cash rent) (dollars)</b> .....                                         | <b>1,008</b>               | <b>1,458</b>                  | <b>508</b>                | <b>958</b>                | <b>1,090</b> | <b>562</b>                  | <b>565</b>          | <b>1,282</b>  | <b>897</b>    | <b>874</b>    | <b>1,283</b>  | <b>1,060</b>  | <b>1,170</b>     | <b>663</b>    |
| <b>Median Monthly Housing Costs for Owners</b>                                                |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Monthly costs including all mortgages plus maintenance costs (dollars) .....                  | 1,059                      | 1,481                         | 534                       | 993                       | 1,144        | 600                         | 604                 | 1,334         | 944           | 923           | 1,340         | 1,114         | 1,222            | 703           |
| Monthly costs excluding second and subsequent mortgages and maintenance costs (dollars) ..... | 996                        | 1,454                         | 508                       | 947                       | 1,075        | 561                         | 565                 | 1,258         | 887           | 868           | 1,266         | 1,048         | 1,152            | 660           |
| <b>Monthly Housing Costs as Percent of Current Income<sup>1</sup></b>                         |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Less than 5 percent .....                                                                     | 2,349                      | 93                            | 230                       | 144                       | 115          | 580                         | 3                   | 234           | 523           | 1,045         | 547           | 488           | 1,097            | 764           |
| 5 to 9 percent .....                                                                          | 8,935                      | 114                           | 842                       | 519                       | 525          | 2,727                       | 29                  | 1,329         | 2,262         | 3,887         | 1,457         | 1,823         | 4,538            | 2,574         |
| 10 to 14 percent .....                                                                        | 10,829                     | 186                           | 796                       | 724                       | 628          | 3,162                       | 76                  | 1,759         | 2,957         | 4,245         | 1,869         | 2,314         | 5,846            | 2,670         |
| 15 to 19 percent .....                                                                        | 11,346                     | 300                           | 694                       | 923                       | 781          | 2,775                       | 161                 | 1,899         | 3,079         | 4,333         | 2,035         | 2,463         | 6,371            | 2,512         |
| 20 to 24 percent .....                                                                        | 9,955                      | 341                           | 608                       | 782                       | 780          | 2,160                       | 236                 | 1,764         | 2,587         | 3,602         | 2,002         | 2,248         | 5,573            | 2,135         |
| 25 to 29 percent .....                                                                        | 7,345                      | 239                           | 471                       | 631                       | 713          | 1,648                       | 269                 | 1,399         | 1,703         | 2,640         | 1,603         | 1,711         | 4,215            | 1,419         |
| 30 to 34 percent .....                                                                        | 5,286                      | 164                           | 339                       | 506                       | 521          | 1,260                       | 271                 | 1,062         | 1,100         | 1,911         | 1,213         | 1,250         | 3,021            | 1,015         |
| 35 to 39 percent .....                                                                        | 3,715                      | 93                            | 262                       | 396                       | 412          | 1,021                       | 300                 | 718           | 729           | 1,331         | 936           | 886           | 2,201            | 628           |
| 40 to 49 percent .....                                                                        | 4,606                      | 103                           | 366                       | 529                       | 568          | 1,208                       | 457                 | 966           | 920           | 1,629         | 1,092         | 1,213         | 2,559            | 835           |
| 50 to 59 percent .....                                                                        | 2,609                      | 58                            | 181                       | 310                       | 350          | 770                         | 463                 | 528           | 507           | 949           | 625           | 657           | 1,519            | 434           |
| 60 to 69 percent .....                                                                        | 1,711                      | 45                            | 114                       | 198                       | 222          | 523                         | 360                 | 375           | 303           | 632           | 401           | 471           | 951              | 289           |
| 70 to 99 percent .....                                                                        | 2,387                      | 68                            | 225                       | 349                       | 296          | 746                         | 687                 | 489           | 453           | 881           | 565           | 646           | 1,354            | 387           |
| 100 percent or more <sup>2</sup> .....                                                        | 4,066                      | 89                            | 400                       | 504                       | 463          | 1,528                       | 2,812               | 849           | 715           | 1,574         | 928           | 1,007         | 2,249            | 811           |
| Zero or negative income .....                                                                 | 952                        | 4                             | 150                       | 146                       | 155          | 142                         | 880                 | 109           | 195           | 461           | 187           | 217           | 471              | 263           |
| No cash rent .....                                                                            | X                          | X                             | X                         | X                         | X            | X                           | X                   | X             | X             | X             | X             | X             | X                | X             |
| <b>Median (excludes 2 previous lines) (percent)</b> .....                                     | <b>21</b>                  | <b>23</b>                     | <b>21</b>                 | <b>26</b>                 | <b>27</b>    | <b>21</b>                   | <b>87</b>           | <b>24</b>     | <b>20</b>     | <b>20</b>     | <b>24</b>     | <b>23</b>     | <b>22</b>        | <b>19</b>     |
| <b>Median (excludes 3 lines before medians) (percent)</b> .....                               | <b>20</b>                  | <b>22</b>                     | <b>20</b>                 | <b>24</b>                 | <b>25</b>    | <b>20</b>                   | <b>46</b>           | <b>22</b>     | <b>19</b>     | <b>20</b>     | <b>23</b>     | <b>22</b>     | <b>21</b>        | <b>18</b>     |
| <b>Rent Paid by Lodgers</b>                                                                   |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Lodgers in housing units .....                                                                | 611                        | 5                             | 32                        | 32                        | 79           | 59                          | 44                  | 68            | 120           | 196           | 227           | 200           | 345              | 67            |
| Less than \$200 per month .....                                                               | 136                        | Z                             | 6                         | 4                         | 19           | 7                           | 16                  | 17            | 39            | 42            | 39            | 65            | 57               | 14            |
| \$200 to \$299 .....                                                                          | 53                         | Z                             | 11                        | Z                         | 8            | 10                          | 1                   | 3             | 12            | 24            | 14            | 17            | 28               | 8             |
| \$300 to \$399 .....                                                                          | 76                         | 2                             | 6                         | 3                         | 8            | 4                           | 3                   | 6             | 24            | 24            | 22            | 22            | 42               | 11            |
| \$400 to \$499 .....                                                                          | 79                         | Z                             | 3                         | 6                         | 10           | 6                           | 4                   | 4             | 8             | 34            | 33            | 21            | 51               | 7             |
| \$500 to \$599 .....                                                                          | 84                         | 1                             | 3                         | 4                         | 16           | 7                           | 6                   | 15            | 19            | 14            | 36            | 25            | 56               | 3             |
| \$600 to \$799 .....                                                                          | 69                         | Z                             | 1                         | 4                         | 6            | 9                           | 7                   | 13            | 4             | 22            | 29            | 14            | 51               | 4             |
| \$800 or more per month .....                                                                 | 65                         | 2                             | 2                         | 2                         | 7            | 8                           | Z                   | 3             | 9             | 15            | 38            | 22            | 37               | 6             |
| Not reported .....                                                                            | 50                         | Z                             | Z                         | 8                         | 5            | 7                           | 7                   | 8             | 5             | 21            | 17            | 14            | 23               | 13            |
| <b>Median (dollars per month)</b> .....                                                       | <b>400</b>                 | <b>500</b>                    | <b>250</b>                | <b>433</b>                | <b>400</b>   | <b>433</b>                  | <b>300</b>          | <b>500</b>    | <b>300</b>    | <b>300</b>    | <b>450</b>    | <b>300</b>    | <b>450</b>       | <b>350</b>    |

See footnotes at end of table.

Table C-10-00.

**Housing Costs—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                         | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |        |        | Inside MSA   |                  | Outside MSA |
|---------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|--------|--------|--------------|------------------|-------------|
|                                                         |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South  | West   | Central city | Not central city |             |
| Monthly Cost Paid for Electricity                       |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Units using electricity . . . . .                       | 76,043                     | 1,895                         | 5,678                     | 6,658                     | 6,530    | 20,246                      | 6,990               | 13,469     | 18,010  | 29,104 | 15,460 | 17,390       | 41,950           | 16,703      |
| Less than \$25 . . . . .                                | 420                        | 14                            | 34                        | 27                        | 47       | 156                         | 61                  | 44         | 132     | 32     | 211    | 150          | 205              | 65          |
| \$25 to \$49 . . . . .                                  | 3,564                      | 48                            | 220                       | 219                       | 389      | 1,364                       | 523                 | 642        | 1,287   | 356    | 1,280  | 1,041        | 1,802            | 721         |
| \$50 to \$74 . . . . .                                  | 8,852                      | 169                           | 549                       | 589                       | 792      | 3,193                       | 1,023               | 1,668      | 3,024   | 1,416  | 2,744  | 2,435        | 4,461            | 1,957       |
| \$75 to \$99 . . . . .                                  | 12,954                     | 303                           | 945                       | 865                       | 1,169    | 3,965                       | 1,219               | 2,382      | 3,773   | 3,094  | 3,704  | 3,091        | 6,731            | 3,131       |
| \$100 to \$149 . . . . .                                | 21,535                     | 601                           | 1,578                     | 1,809                     | 1,678    | 5,319                       | 1,849               | 4,634      | 4,673   | 8,487  | 3,741  | 4,506        | 12,194           | 4,834       |
| \$150 to \$199 . . . . .                                | 12,762                     | 357                           | 1,137                     | 1,254                     | 1,115    | 2,789                       | 1,025               | 2,020      | 1,946   | 7,231  | 1,565  | 2,441        | 7,470            | 2,851       |
| \$200 or more . . . . .                                 | 12,297                     | 329                           | 997                       | 1,520                     | 1,099    | 2,403                       | 954                 | 1,901      | 1,247   | 7,692  | 1,458  | 2,341        | 7,620            | 2,337       |
| Median (dollars) . . . . .                              | 121                        | 130                           | 130                       | 139                       | 120      | 106                         | 111                 | 118        | 98      | 154    | 95     | 111          | 126              | 118         |
| Included in rent, other fee, or obtained free . . . . . | 3,659                      | 73                            | 218                       | 375                       | 241      | 1,055                       | 337                 | 178        | 1,928   | 795    | 758    | 1,385        | 1,468            | 805         |
| Monthly Cost Paid for Piped Gas                         |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Units using piped gas . . . . .                         | 46,535                     | 1,054                         | 1,469                     | 4,435                     | 4,527    | 12,106                      | 3,915               | 7,807      | 13,929  | 12,810 | 11,988 | 13,742       | 25,604           | 7,188       |
| Less than \$25 . . . . .                                | 1,967                      | 55                            | 132                       | 188                       | 289      | 598                         | 247                 | 237        | 212     | 547    | 971    | 673          | 1,024            | 270         |
| \$25 to \$49 . . . . .                                  | 8,225                      | 220                           | 389                       | 647                       | 1,224    | 2,424                       | 824                 | 507        | 1,183   | 2,919  | 3,616  | 2,607        | 4,426            | 1,192       |
| \$50 to \$74 . . . . .                                  | 11,664                     | 331                           | 427                       | 944                       | 1,310    | 2,904                       | 943                 | 1,005      | 3,273   | 3,975  | 3,411  | 3,495        | 6,147            | 2,023       |
| \$75 to \$99 . . . . .                                  | 8,364                      | 162                           | 166                       | 793                       | 574      | 2,081                       | 606                 | 1,532      | 3,039   | 2,258  | 1,536  | 2,204        | 4,853            | 1,307       |
| \$100 to \$149 . . . . .                                | 7,741                      | 122                           | 114                       | 809                       | 474      | 1,976                       | 557                 | 2,095      | 2,894   | 1,531  | 1,221  | 2,195        | 4,531            | 1,015       |
| \$150 to \$199 . . . . .                                | 2,976                      | 54                            | 38                        | 337                       | 203      | 702                         | 201                 | 1,051      | 919     | 503    | 503    | 841          | 1,718            | 417         |
| \$200 or more . . . . .                                 | 2,797                      | 62                            | 36                        | 410                       | 200      | 626                         | 192                 | 963        | 778     | 633    | 423    | 703          | 1,619            | 475         |
| Median (dollars) . . . . .                              | 75                         | 64                            | 55                        | 82                        | 60       | 72                          | 68                  | 108        | 85      | 66     | 57     | 71           | 77               | 72          |
| Included in rent, other fee, or obtained free . . . . . | 2,799                      | 49                            | 167                       | 307                       | 253      | 796                         | 344                 | 418        | 1,632   | 443    | 305    | 1,025        | 1,285            | 490         |
| Monthly Cost Paid for Fuel Oil <sup>1</sup>             |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Units using fuel oil . . . . .                          | 6,198                      | 39                            | 216                       | 364                       | 262      | 1,943                       | 519                 | 4,820      | 488     | 719    | 171    | 940          | 3,858            | 1,400       |
| Less than \$25 . . . . .                                | 235                        | 3                             | 17                        | 19                        | 8        | 54                          | 37                  | 114        | 40      | 55     | 26     | 44           | 108              | 83          |
| \$25 to \$49 . . . . .                                  | 278                        | Z                             | 15                        | 25                        | 6        | 98                          | 29                  | 160        | 40      | 70     | 8      | 26           | 135              | 116         |
| \$50 to \$74 . . . . .                                  | 392                        | 2                             | 17                        | 21                        | 10       | 134                         | 33                  | 237        | 61      | 83     | 11     | 44           | 220              | 127         |
| \$75 to \$99 . . . . .                                  | 484                        | Z                             | 35                        | 21                        | 7        | 159                         | 62                  | 349        | 68      | 55     | 12     | 39           | 303              | 142         |
| \$100 to \$149 . . . . .                                | 1,231                      | 4                             | 52                        | 53                        | 35       | 413                         | 86                  | 903        | 92      | 197    | 40     | 115          | 800              | 316         |
| \$150 to \$199 . . . . .                                | 1,020                      | 4                             | 30                        | 47                        | 71       | 292                         | 92                  | 815        | 76      | 98     | 31     | 115          | 702              | 204         |
| \$200 or more . . . . .                                 | 2,078                      | 18                            | 27                        | 128                       | 71       | 649                         | 138                 | 1,872      | 75      | 118    | 13     | 280          | 1,445            | 353         |
| Median (dollars) . . . . .                              | 159                        | 200                           | 100                       | 167                       | 162      | 150                         | 133                 | 167        | 100     | 117    | 100    | 167          | 167              | 125         |
| Included in rent, other fee, or obtained free . . . . . | 481                        | 7                             | 23                        | 51                        | 52       | 146                         | 41                  | 370        | 36      | 44     | 30     | 278          | 144              | 59          |
| Property Insurance                                      |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Property insurance paid . . . . .                       | 71,568                     | 1,825                         | 4,227                     | 6,067                     | 5,591    | 18,942                      | 5,644               | 13,041     | 17,328  | 26,615 | 14,585 | 16,395       | 39,850           | 15,323      |
| Median per month (dollars) . . . . .                    | 58                         | 58                            | 40                        | 58                        | 56       | 57                          | 50                  | 63         | 50      | 63     | 58     | 58           | 63               | 50          |
| Monthly Costs Paid for Selected Utilities and Fuels     |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Water paid separately . . . . .                         | 52,907                     | 1,388                         | 2,602                     | 5,122                     | 4,853    | 13,540                      | 4,497               | 9,056      | 12,026  | 20,784 | 11,040 | 12,801       | 30,506           | 9,600       |
| Median (dollars) . . . . .                              | 42                         | 42                            | 33                        | 42                        | 50       | 40                          | 40                  | 42         | 40      | 40     | 50     | 46           | 42               | 35          |
| Trash paid separately . . . . .                         | 44,630                     | 1,177                         | 2,210                     | 3,469                     | 4,095    | 11,459                      | 3,569               | 4,962      | 11,467  | 16,773 | 11,427 | 10,035       | 24,819           | 9,776       |
| Median (dollars) . . . . .                              | 23                         | 25                            | 19                        | 25                        | 30       | 21                          | 21                  | 23         | 20      | 23     | 26     | 27           | 23               | 19          |
| Bottled gas paid separately . . . . .                   | 5,792                      | 168                           | 840                       | 301                       | 275      | 1,760                       | 540                 | 1,214      | 1,340   | 2,492  | 746    | 240          | 2,835            | 2,717       |
| Median (dollars) . . . . .                              | 54                         | 55                            | 51                        | 57                        | 47       | 52                          | 49                  | 76         | 55      | 52     | 45     | 53           | 60               | 52          |
| Other fuel paid separately . . . . .                    | 2,905                      | 36                            | 346                       | 132                       | 103      | 665                         | 277                 | 1,150      | 406     | 684    | 664    | 235          | 1,523            | 1,147       |
| Median (dollars) . . . . .                              | 27                         | 27                            | 40                        | 17                        | 17       | 25                          | 31                  | 42         | 25      | 21     | 25     | 17           | 25               | 38          |
| Cost and Ownership Sharing                              |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Ownership shared by person not living here . . . . .    | 2,872                      | 68                            | 292                       | 307                       | 308      | 827                         | 552                 | 522        | 565     | 1,131  | 654    | 713          | 1,450            | 710         |
| Costs shared by person not living here . . . . .        | 636                        | 20                            | 34                        | 61                        | 64       | 131                         | 182                 | 118        | 113     | 236    | 168    | 188          | 332              | 115         |
| Costs not shared . . . . .                              | 2,214                      | 45                            | 258                       | 245                       | 244      | 689                         | 369                 | 392        | 452     | 892    | 478    | 524          | 1,100            | 590         |
| Cost sharing not reported . . . . .                     | 22                         | 3                             | Z                         | Z                         | Z        | 6                           | Z                   | 11         | Z       | 3      | 8      | Z            | 17               | 4           |
| Ownership not shared . . . . .                          | 71,350                     | 1,788                         | 5,261                     | 6,151                     | 6,127    | 18,912                      | 6,201               | 12,677     | 17,058  | 27,175 | 14,440 | 16,309       | 39,484           | 15,557      |
| Costs shared by person not living here . . . . .        | 1,094                      | 33                            | 120                       | 127                       | 144      | 307                         | 215                 | 130        | 241     | 579    | 145    | 259          | 605              | 230         |
| Costs not shared . . . . .                              | 70,035                     | 1,743                         | 5,128                     | 6,011                     | 5,967    | 18,537                      | 5,968               | 12,492     | 16,787  | 26,518 | 14,238 | 15,992       | 38,770           | 15,273      |
| Cost sharing not reported . . . . .                     | 221                        | 12                            | 13                        | 13                        | 16       | 67                          | 18                  | 55         | 30      | 78     | 57     | 57           | 109              | 55          |
| Ownership sharing not reported . . . . .                | 1,870                      | 42                            | 125                       | 204                       | 95       | 511                         | 250                 | 281        | 410     | 813    | 366    | 369          | 1,033            | 468         |

See footnotes at end of table.

Table C-10-00.

**Housing Costs—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                      | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |        |        | Inside MSA   |                  |       | Outside MSA |
|------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|--------|--------|--------------|------------------|-------|-------------|
|                                                      |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South  | West   | Central city | Not central city |       |             |
| Monthly Payment for Principal and Interest           |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |       |             |
| One or more regular mortgages . . . . .              | 48,294                     | 1,561                         | 2,269                     | 4,544                     | 4,525    | 6,124                       | 3,048               | 8,390      | 11,424  | 17,774 | 10,706 | 11,606       | 27,688           | 9,000 |             |
| Less than \$100 . . . . .                            | 1,239                      | 39                            | 187                       | 160                       | 102      | 288                         | 212                 | 230        | 303     | 515    | 191    | 326          | 642              | 272   |             |
| \$100 to \$199 . . . . .                             | 991                        | 10                            | 180                       | 137                       | 98       | 257                         | 175                 | 146        | 331     | 382    | 132    | 259          | 399              | 333   |             |
| \$200 to \$249 . . . . .                             | 732                        | 10                            | 87                        | 83                        | 59       | 182                         | 99                  | 130        | 207     | 302    | 92     | 151          | 344              | 237   |             |
| \$250 to \$299 . . . . .                             | 1,223                      | 12                            | 229                       | 153                       | 125      | 240                         | 231                 | 152        | 376     | 547    | 148    | 271          | 480              | 472   |             |
| \$300 to \$349 . . . . .                             | 1,374                      | 27                            | 197                       | 196                       | 97       | 262                         | 155                 | 178        | 367     | 668    | 160    | 358          | 555              | 461   |             |
| \$350 to \$399 . . . . .                             | 1,618                      | 37                            | 184                       | 184                       | 168      | 302                         | 169                 | 178        | 527     | 719    | 193    | 415          | 673              | 529   |             |
| \$400 to \$449 . . . . .                             | 1,711                      | 17                            | 193                       | 182                       | 163      | 336                         | 153                 | 281        | 514     | 750    | 167    | 408          | 819              | 484   |             |
| \$450 to \$499 . . . . .                             | 1,961                      | 37                            | 173                       | 232                       | 173      | 336                         | 156                 | 268        | 594     | 865    | 233    | 497          | 866              | 599   |             |
| \$500 to \$599 . . . . .                             | 3,873                      | 53                            | 291                       | 403                       | 396      | 618                         | 336                 | 504        | 1,152   | 1,677  | 541    | 907          | 1,907            | 1,060 |             |
| \$600 to \$699 . . . . .                             | 4,062                      | 107                           | 176                       | 440                       | 372      | 521                         | 203                 | 541        | 1,257   | 1,645  | 619    | 968          | 2,240            | 854   |             |
| \$700 to \$799 . . . . .                             | 3,651                      | 114                           | 86                        | 414                       | 319      | 407                         | 211                 | 568        | 995     | 1,485  | 603    | 937          | 2,023            | 690   |             |
| \$800 to \$999 . . . . .                             | 6,651                      | 244                           | 143                       | 555                       | 607      | 669                         | 271                 | 1,056      | 1,695   | 2,427  | 1,474  | 1,540        | 4,055            | 1,056 |             |
| \$1,000 to \$1,249 . . . . .                         | 5,965                      | 197                           | 61                        | 473                       | 605      | 555                         | 275                 | 1,109      | 1,319   | 2,011  | 1,526  | 1,402        | 3,803            | 759   |             |
| \$1,250 to \$1,499 . . . . .                         | 3,946                      | 168                           | 33                        | 301                       | 380      | 343                         | 128                 | 874        | 686     | 1,256  | 1,131  | 921          | 2,579            | 446   |             |
| \$1,500 to \$1,999 . . . . .                         | 4,728                      | 237                           | 34                        | 343                       | 426      | 398                         | 148                 | 1,174      | 648     | 1,365  | 1,540  | 1,060        | 3,235            | 433   |             |
| \$2,000 or more . . . . .                            | 4,569                      | 251                           | 16                        | 288                       | 434      | 410                         | 125                 | 999        | 453     | 1,161  | 1,955  | 1,186        | 3,068            | 316   |             |
| Median (dollars) . . . . .                           | 843                        | 1,064                         | 412                       | 725                       | 851      | 643                         | 549                 | 993        | 703     | 751    | 1,117  | 833          | 936              | 600   |             |
| Monthly Cost Paid for Real Estate Taxes <sup>1</sup> |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |       |             |
| Less than \$25 . . . . .                             | 6,880                      | 168                           | 2,615                     | 1,010                     | 706      | 2,509                       | 1,517               | 455        | 1,037   | 4,318  | 1,069  | 1,289        | 2,932            | 2,660 |             |
| \$25 to \$49 . . . . .                               | 6,041                      | 115                           | 1,188                     | 675                       | 516      | 2,027                       | 920                 | 355        | 1,136   | 3,598  | 952    | 1,203        | 2,308            | 2,530 |             |
| \$50 to \$74 . . . . .                               | 6,565                      | 150                           | 672                       | 860                       | 678      | 2,027                       | 820                 | 380        | 1,369   | 3,556  | 1,260  | 1,510        | 2,850            | 2,204 |             |
| \$75 to \$99 . . . . .                               | 5,959                      | 130                           | 341                       | 626                       | 583      | 1,767                       | 608                 | 454        | 1,309   | 2,757  | 1,439  | 1,467        | 2,791            | 1,701 |             |
| \$100 to \$124 . . . . .                             | 6,490                      | 125                           | 223                       | 542                       | 536      | 1,746                       | 515                 | 609        | 1,851   | 2,572  | 1,457  | 1,648        | 3,088            | 1,754 |             |
| \$125 to \$149 . . . . .                             | 4,906                      | 112                           | 115                       | 461                       | 459      | 1,299                       | 376                 | 517        | 1,418   | 1,817  | 1,155  | 1,311        | 2,562            | 1,033 |             |
| \$150 to \$199 . . . . .                             | 8,800                      | 175                           | 186                       | 639                       | 822      | 2,224                       | 616                 | 1,243      | 2,687   | 2,938  | 1,933  | 2,273        | 4,904            | 1,624 |             |
| \$200 to \$299 . . . . .                             | 11,835                     | 345                           | 101                       | 808                       | 995      | 2,781                       | 672                 | 2,542      | 3,323   | 3,392  | 2,578  | 2,990        | 7,299            | 1,545 |             |
| \$300 to \$399 . . . . .                             | 6,366                      | 169                           | 58                        | 370                       | 442      | 1,429                       | 348                 | 1,952      | 1,550   | 1,569  | 1,294  | 1,404        | 4,245            | 717   |             |
| \$400 to \$499 . . . . .                             | 3,663                      | 122                           | 28                        | 198                       | 272      | 779                         | 150                 | 1,306      | 774     | 837    | 746    | 715          | 2,616            | 331   |             |
| \$500 to \$599 . . . . .                             | 2,881                      | 105                           | 19                        | 169                       | 207      | 537                         | 99                  | 1,155      | 550     | 554    | 622    | 547          | 2,154            | 180   |             |
| \$600 or more . . . . .                              | 5,706                      | 180                           | 132                       | 304                       | 314      | 1,127                       | 362                 | 2,512      | 1,027   | 1,210  | 956    | 1,033        | 4,218            | 455   |             |
| Median (dollars) . . . . .                           | 151                        | 185                           | 28                        | 100                       | 133      | 125                         | 83                  | 306        | 165     | 100    | 156    | 150          | 192              | 83    |             |
| Annual Taxes Paid Per \$1,000 Value                  |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |       |             |
| Less than \$5 . . . . .                              | 10,942                     | 312                           | 1,484                     | 1,296                     | 897      | 4,328                       | 1,559               | 790        | 1,092   | 6,221  | 2,840  | 2,378        | 4,847            | 3,717 |             |
| \$5 to \$9 . . . . .                                 | 19,860                     | 545                           | 1,051                     | 1,605                     | 1,596    | 5,432                       | 1,603               | 1,898      | 2,941   | 8,987  | 6,034  | 4,659        | 10,112           | 5,089 |             |
| \$10 to \$14 . . . . .                               | 17,978                     | 441                           | 843                       | 1,388                     | 1,429    | 4,381                       | 1,272               | 2,942      | 4,537   | 6,328  | 4,171  | 4,391        | 10,320           | 3,267 |             |
| \$15 to \$19 . . . . .                               | 10,517                     | 233                           | 518                       | 806                       | 851      | 2,471                       | 833                 | 2,947      | 3,635   | 2,731  | 1,204  | 2,400        | 6,336            | 1,780 |             |
| \$20 to \$24 . . . . .                               | 6,687                      | 151                           | 296                       | 553                       | 690      | 1,381                       | 477                 | 1,972      | 2,353   | 1,884  | 478    | 1,458        | 4,256            | 972   |             |
| \$25 or more . . . . .                               | 10,108                     | 217                           | 1,486                     | 1,013                     | 1,068    | 2,257                       | 1,260               | 2,931      | 3,475   | 2,967  | 734    | 2,103        | 6,095            | 1,909 |             |
| Median (dollars) . . . . .                           | 11                         | 10                            | 11                        | 11                        | 12       | 10                          | 11                  | 16         | 15      | 9      | 8      | 11           | 12               | 9     |             |
| Condominium and Cooperative Fee                      |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |       |             |
| Fee paid by owners . . . . .                         | 4,845                      | 154                           | X                         | 314                       | 452      | 1,521                       | 394                 | 1,269      | 1,032   | 1,379  | 1,165  | 1,616        | 3,016            | 214   |             |
| Less than \$50 per month . . . . .                   | 245                        | 12                            | X                         | 27                        | 29       | 53                          | 7                   | 29         | 62      | 111    | 42     | 49           | 180              | 16    |             |
| \$50 to \$99 . . . . .                               | 230                        | 15                            | X                         | 13                        | 34       | 64                          | 11                  | 28         | 60      | 89     | 53     | 61           | 149              | 21    |             |
| \$100 to \$149 . . . . .                             | 452                        | 24                            | X                         | 12                        | 44       | 123                         | 32                  | 84         | 162     | 116    | 91     | 136          | 280              | 36    |             |
| \$150 to \$199 . . . . .                             | 611                        | 25                            | X                         | 22                        | 66       | 145                         | 33                  | 139        | 170     | 147    | 156    | 135          | 423              | 54    |             |
| \$200 to \$299 . . . . .                             | 1,056                      | 28                            | X                         | 77                        | 91       | 332                         | 81                  | 244        | 214     | 285    | 314    | 304          | 728              | 24    |             |
| \$300 to \$499 . . . . .                             | 828                        | 18                            | X                         | 39                        | 66       | 296                         | 66                  | 201        | 114     | 248    | 266    | 272          | 533              | 22    |             |
| \$500 or more per month . . . . .                    | 457                        | 6                             | X                         | 21                        | 28       | 200                         | 45                  | 188        | 79      | 100    | 91     | 247          | 206              | 4     |             |
| Not reported . . . . .                               | 965                        | 25                            | X                         | 103                       | 94       | 308                         | 119                 | 356        | 172     | 284    | 153    | 411          | 516              | 38    |             |
| Median (dollars per month) . . . . .                 | 230                        | 190                           | X                         | 250                       | 200      | 254                         | 256                 | 255        | 190     | 225    | 250    | 260          | 226              | 158   |             |
| Other Housing Costs Per Month                        |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |       |             |
| Homeowner association fee paid . . . . .             | 9,442                      | 649                           | Z                         | 806                       | 613      | 1,878                       | 435                 | 608        | 1,652   | 4,830  | 2,352  | 1,862        | 6,706            | 874   |             |
| Median (dollars) . . . . .                           | 33                         | 42                            | Z                         | 30                        | 30       | 42                          | 40                  | 58         | 18      | 33     | 50     | 33           | 35               | 22    |             |
| Manufactured/mobile home park fee paid . . . . .     | 315                        | 5                             | 315                       | 6                         | 41       | 150                         | 64                  | 34         | 27      | 147    | 107    | 70           | 201              | 43    |             |
| Median (dollars) . . . . .                           | 150                        | 350                           | 150                       | 200                       | 300      | 120                         | 285                 | 163        | 300     | 70     | 264    | 70           | 165              | 225   |             |
| Land rent fee paid . . . . .                         | 1,408                      | 2                             | 1,305                     | 67                        | 226      | 483                         | 352                 | 188        | 312     | 469    | 439    | 235          | 820              | 352   |             |
| Median (dollars) . . . . .                           | 295                        | 400                           | 300                       | 150                       | 350      | 300                         | 260                 | 305        | 252     | 225    | 410    | 340          | 330              | 205   |             |

<sup>1</sup> This item uses current income in its calculation; see Appendix A.<sup>2</sup> May reflect a temporary situation, living off savings, or response error.<sup>3</sup> Monthly costs are calculated from yearly estimates.

Table C-11-00.

**General Characteristics by Census Geography—Owner-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                     | Total owner-occupied units | Regions and divisions |                 |                    |                    |                |                    |                    |          |         |
|-----------------------------------------------------|----------------------------|-----------------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|
|                                                     |                            | Northeast             |                 | Midwest            |                    | South          |                    |                    | West     |         |
|                                                     |                            | New England           | Middle Atlantic | East North Central | West North Central | South Atlantic | East South Central | West South Central | Mountain | Pacific |
| Total .....                                         | 76,091                     | 3,937                 | 9,543           | 12,287             | 5,745              | 15,291         | 5,082              | 8,746              | 5,400    | 10,060  |
| Year Structure Built <sup>1, 2</sup>                |                            |                       |                 |                    |                    |                |                    |                    |          |         |
| 2010 to 2014 .....                                  | 403                        | 12                    | 24              | 47                 | 21                 | 87             | 42                 | 87                 | 17       | 65      |
| 2005 to 2009 .....                                  | 5,182                      | 141                   | 328             | 634                | 268                | 1,375          | 449                | 785                | 411      | 790     |
| 2000 to 2004 .....                                  | 6,319                      | 153                   | 417             | 947                | 411                | 1,525          | 512                | 936                | 442      | 975     |
| 1995 to 1999 .....                                  | 6,045                      | 163                   | 420             | 870                | 416                | 1,566          | 483                | 862                | 410      | 854     |
| 1990 to 1994 .....                                  | 4,766                      | 160                   | 396             | 736                | 351                | 1,072          | 378                | 558                | 397      | 720     |
| 1985 to 1989 .....                                  | 5,176                      | 248                   | 636             | 652                | 300                | 1,205          | 369                | 675                | 347      | 743     |
| 1980 to 1984 .....                                  | 4,135                      | 143                   | 347             | 469                | 219                | 1,100          | 349                | 599                | 306      | 604     |
| 1975 to 1979 .....                                  | 7,298                      | 317                   | 600             | 1,036              | 614                | 1,523          | 534                | 931                | 760      | 982     |
| 1970 to 1974 .....                                  | 5,608                      | 255                   | 562             | 813                | 425                | 1,291          | 370                | 636                | 554      | 702     |
| 1960 to 1969 .....                                  | 8,679                      | 507                   | 1,149           | 1,441              | 641                | 1,701          | 605                | 906                | 532      | 1,197   |
| 1950 to 1959 .....                                  | 8,548                      | 596                   | 1,360           | 1,646              | 703                | 1,309          | 421                | 842                | 564      | 1,107   |
| 1940 to 1949 .....                                  | 4,172                      | 280                   | 778             | 755                | 261                | 643            | 202                | 449                | 221      | 583     |
| 1930 to 1939 .....                                  | 2,697                      | 144                   | 612             | 552                | 221                | 337            | 162                | 216                | 142      | 312     |
| 1920 to 1929 .....                                  | 2,598                      | 220                   | 709             | 576                | 317                | 198            | 67                 | 137                | 113      | 262     |
| 1919 or earlier .....                               | 4,467                      | 600                   | 1,204           | 1,113              | 578                | 359            | 137                | 126                | 186      | 164     |
| Median (year) .....                                 | 1976                       | 1963                  | 1961            | 1970               | 1972               | 1981           | 1981               | 1981               | 1978     | 1979    |
| Rooms                                               |                            |                       |                 |                    |                    |                |                    |                    |          |         |
| 1 .....                                             | 18                         | Z                     | 8               | Z                  | 2                  | 3              | Z                  | 1                  | Z        | 2       |
| 2 .....                                             | 98                         | 10                    | 21              | 8                  | Z                  | 15             | 10                 | 8                  | 17       | 10      |
| 3 .....                                             | 1,033                      | 79                    | 224             | 143                | 49                 | 159            | 55                 | 102                | 73       | 150     |
| 4 .....                                             | 6,319                      | 346                   | 773             | 1,090              | 447                | 1,380          | 327                | 623                | 506      | 826     |
| 5 .....                                             | 17,101                     | 693                   | 1,643           | 2,877              | 1,154              | 3,625          | 1,326              | 2,309              | 1,275    | 2,199   |
| 6 .....                                             | 19,910                     | 998                   | 2,590           | 3,194              | 1,328              | 3,996          | 1,410              | 2,528              | 1,291    | 2,575   |
| 7 .....                                             | 14,705                     | 834                   | 1,922           | 2,433              | 1,225              | 2,807          | 932                | 1,605              | 945      | 2,001   |
| 8 .....                                             | 9,403                      | 532                   | 1,355           | 1,434              | 849                | 1,823          | 613                | 877                | 615      | 1,305   |
| 9 .....                                             | 4,317                      | 262                   | 598             | 605                | 388                | 846            | 239                | 343                | 398      | 637     |
| 10 or more .....                                    | 3,187                      | 183                   | 410             | 503                | 303                | 636            | 169                | 348                | 281      | 354     |
| Bedrooms                                            |                            |                       |                 |                    |                    |                |                    |                    |          |         |
| None .....                                          | 72                         | 5                     | 29              | 6                  | 2                  | 8              | Z                  | 4                  | 8        | 10      |
| 1 .....                                             | 1,731                      | 145                   | 363             | 253                | 113                | 253            | 77                 | 150                | 129      | 246     |
| 2 .....                                             | 13,197                     | 811                   | 1,732           | 2,235              | 1,111              | 2,622          | 719                | 1,187              | 1,050    | 1,730   |
| 3 .....                                             | 39,306                     | 1,856                 | 4,571           | 6,501              | 2,756              | 8,234          | 2,967              | 5,093              | 2,486    | 4,842   |
| 4 or more .....                                     | 21,785                     | 1,120                 | 2,848           | 3,292              | 1,763              | 4,173          | 1,319              | 2,312              | 1,727    | 3,232   |
| Complete Bathrooms                                  |                            |                       |                 |                    |                    |                |                    |                    |          |         |
| None .....                                          | 190                        | 4                     | 28              | 11                 | 14                 | 38             | 32                 | 37                 | 12       | 13      |
| 1 .....                                             | 15,118                     | 1,160                 | 2,552           | 3,083              | 1,281              | 2,246          | 982                | 1,517              | 918      | 1,379   |
| 1½ .....                                            | 11,232                     | 903                   | 2,112           | 2,592              | 1,166              | 1,472          | 556                | 729                | 702      | 1,000   |
| 2 or more .....                                     | 49,551                     | 1,870                 | 4,852           | 6,600              | 3,284              | 11,534         | 3,512              | 6,464              | 3,768    | 7,667   |
| Square Footage of Unit                              |                            |                       |                 |                    |                    |                |                    |                    |          |         |
| Single detached and manufactured/mobile homes ..... | 68,340                     | 3,392                 | 7,441           | 11,284             | 5,409              | 13,448         | 4,916              | 8,490              | 4,965    | 8,995   |
| Less than 500 .....                                 | 357                        | 12                    | 54              | 56                 | 13                 | 66             | 33                 | 56                 | 21       | 46      |
| 500 to 749 .....                                    | 1,079                      | 47                    | 127             | 157                | 98                 | 261            | 77                 | 132                | 69       | 111     |
| 750 to 999 .....                                    | 3,573                      | 183                   | 337             | 692                | 315                | 719            | 220                | 485                | 290      | 332     |
| 1,000 to 1,499 .....                                | 14,546                     | 625                   | 1,236           | 2,477              | 1,169              | 2,826          | 1,180              | 1,850              | 1,153    | 2,029   |
| 1,500 to 1,999 .....                                | 15,987                     | 708                   | 1,538           | 2,362              | 1,171              | 3,294          | 1,126              | 2,158              | 1,131    | 2,498   |
| 2,000 to 2,499 .....                                | 11,951                     | 634                   | 1,280           | 1,951              | 979                | 2,314          | 793                | 1,555              | 844      | 1,602   |
| 2,500 to 2,999 .....                                | 6,546                      | 346                   | 753             | 1,069              | 480                | 1,349          | 464                | 759                | 471      | 855     |
| 3,000 to 3,999 .....                                | 6,405                      | 351                   | 797             | 1,079              | 572                | 1,166          | 469                | 720                | 553      | 696     |
| 4,000 or more .....                                 | 3,789                      | 241                   | 503             | 635                | 287                | 821            | 289                | 350                | 258      | 405     |
| Not reported .....                                  | 4,108                      | 246                   | 814             | 806                | 326                | 635            | 262                | 425                | 175      | 420     |
| Median (square feet) .....                          | 1,800                      | 1,999                 | 2,000           | 1,800              | 1,800              | 1,800          | 1,800              | 1,800              | 1,800    | 1,800   |
| Air Conditioning <sup>3</sup>                       |                            |                       |                 |                    |                    |                |                    |                    |          |         |
| Central .....                                       | 55,133                     | 1,181                 | 4,785           | 9,380              | 4,865              | 13,834         | 4,409              | 7,554              | 3,488    | 5,637   |
| Additional central .....                            | 5,278                      | 88                    | 278             | 453                | 242                | 1,689          | 662                | 996                | 394      | 476     |
| Room (air conditioning) units:                      |                            |                       |                 |                    |                    |                |                    |                    |          |         |
| 1 unit .....                                        | 5,101                      | 764                   | 1,017           | 1,050              | 338                | 334            | 168                | 185                | 473      | 772     |
| 2 units .....                                       | 4,810                      | 734                   | 1,434           | 794                | 261                | 518            | 239                | 371                | 136      | 323     |
| 3 units or more .....                               | 3,913                      | 706                   | 1,462           | 340                | 105                | 405            | 185                | 539                | 42       | 131     |

See footnotes at end of table.

Table C-1 1-00.

**General Characteristics by Census Geography—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                      | Total owner-occupied units | Regions and divisions |                 |                    |                    |                |                    |                    |              |              |
|----------------------------------------------------------------------|----------------------------|-----------------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|--------------|--------------|
|                                                                      |                            | Northeast             |                 | Midwest            |                    | South          |                    |                    | West         |              |
|                                                                      |                            | New England           | Middle Atlantic | East North Central | West North Central | South Atlantic | East South Central | West South Central | Mountain     | Pacific      |
| <b>Main Heating Equipment</b>                                        |                            |                       |                 |                    |                    |                |                    |                    |              |              |
| Warm-air furnace . . . . .                                           | 51,672                     | 1,568                 | 5,041           | 10,538             | 4,943              | 8,102          | 3,118              | 6,779              | 3,920        | 7,664        |
| Steam or hot water system . . . . .                                  | 7,365                      | 2,036                 | 3,444           | 768                | 278                | 331            | 9                  | 11                 | 314          | 174          |
| Electric heat pump . . . . .                                         | 9,782                      | 23                    | 280             | 374                | 200                | 5,704          | 1,339              | 825                | 582          | 456          |
| Built-in electric units . . . . .                                    | 1,999                      | 132                   | 442             | 255                | 141                | 317            | 91                 | 28                 | 153          | 439          |
| Floor, wall, or other built-in hot-air units without ducts . . . . . | 1,808                      | 73                    | 101             | 129                | 55                 | 212            | 136                | 259                | 164          | 679          |
| Room heaters with flue . . . . .                                     | 555                        | 21                    | 50              | 38                 | 28                 | 147            | 67                 | 70                 | 58           | 76           |
| Room heaters without flue . . . . .                                  | 629                        | 5                     | 8               | 19                 | 21                 | 72             | 142                | 332                | 15           | 15           |
| Portable electric heaters . . . . .                                  | 720                        | Z                     | 2               | 40                 | 5                  | 180            | 61                 | 273                | 35           | 123          |
| Stoves . . . . .                                                     | 879                        | 70                    | 122             | 87                 | 46                 | 142            | 70                 | 80                 | 115          | 148          |
| Fireplaces with inserts . . . . .                                    | 165                        | 4                     | 14              | 25                 | 14                 | 24             | 7                  | 13                 | 27           | 38           |
| Fireplaces without inserts . . . . .                                 | 46                         | Z                     | Z               | Z                  | 3                  | 3              | 12                 | 4                  | 5            | 18           |
| Cooking stove . . . . .                                              | 37                         | Z                     | Z               | Z                  | Z                  | 6              | 7                  | 19                 | 3            | 1            |
| Other . . . . .                                                      | 220                        | 6                     | 36              | 16                 | 11                 | 48             | 16                 | 48                 | 8            | 30           |
| None . . . . .                                                       | 215                        | Z                     | 3               | Z                  | Z                  | 3              | 7                  | 4                  | 1            | 197          |
| <b>Primary Source of Water</b>                                       |                            |                       |                 |                    |                    |                |                    |                    |              |              |
| Public or private system . . . . .                                   | 64,327                     | 2,921                 | 7,681           | 9,550              | 5,023              | 12,402         | 4,745              | 7,851              | 4,845        | 9,309        |
| Well serving 1 to 5 units . . . . .                                  | 11,515                     | 1,001                 | 1,814           | 2,700              | 718                | 2,836          | 311                | 867                | 539          | 730          |
| Drilled . . . . .                                                    | 10,518                     | 864                   | 1,636           | 2,501              | 672                | 2,601          | 276                | 796                | 512          | 660          |
| Dug . . . . .                                                        | 689                        | 95                    | 118             | 130                | 29                 | 189            | 23                 | 50                 | 18           | 37           |
| Not reported . . . . .                                               | 309                        | 42                    | 59              | 69                 | 17                 | 46             | 13                 | 21                 | 10           | 33           |
| Other . . . . .                                                      | 249                        | 16                    | 48              | 37                 | 5                  | 52             | 26                 | 29                 | 16           | 21           |
| <b>Means of Sewage Disposal</b>                                      |                            |                       |                 |                    |                    |                |                    |                    |              |              |
| Public sewer . . . . .                                               | 56,649                     | 2,510                 | 7,244           | 9,063              | 4,566              | 10,678         | 3,125              | 6,497              | 4,429        | 8,536        |
| Septic tank, cesspool, or chemical toilet . . . . .                  | 19,418                     | 1,428                 | 2,299           | 3,223              | 1,179              | 4,607          | 1,943              | 2,246              | 971          | 1,524        |
| Other . . . . .                                                      | 24                         | Z                     | Z               | 1                  | Z                  | 6              | 14                 | 3                  | Z            | Z            |
| <b>Units Using Each Fuel<sup>4</sup></b>                             |                            |                       |                 |                    |                    |                |                    |                    |              |              |
| Electricity . . . . .                                                | 76,043                     | 3,937                 | 9,532           | 12,265             | 5,745              | 15,287         | 5,071              | 8,746              | 5,400        | 10,060       |
| Piped gas . . . . .                                                  | 46,535                     | 1,534                 | 6,273           | 9,669              | 4,260              | 5,206          | 2,376              | 5,228              | 3,971        | 8,017        |
| Bottled gas . . . . .                                                | 8,148                      | 682                   | 1,136           | 1,348              | 778                | 1,612          | 711                | 825                | 520          | 537          |
| Fuel oil . . . . .                                                   | 6,198                      | 2,190                 | 2,631           | 355                | 133                | 668            | 36                 | 15                 | 37           | 134          |
| Kerosene or other liquid fuel . . . . .                              | 369                        | 67                    | 96              | 13                 | 5                  | 107            | 10                 | 43                 | 11           | 17           |
| Coal or coke . . . . .                                               | 68                         | Z                     | 50              | 10                 | Z                  | 3              | 4                  | Z                  | 1            | Z            |
| Wood . . . . .                                                       | 1,699                      | 184                   | 232             | 297                | 100                | 232            | 98                 | 125                | 184          | 248          |
| Solar energy . . . . .                                               | 134                        | 8                     | 11              | 2                  | 2                  | 21             | 6                  | Z                  | 26           | 59           |
| Other . . . . .                                                      | 325                        | 34                    | 37              | 56                 | 24                 | 52             | 22                 | 18                 | 25           | 56           |
| All electric units . . . . .                                         | 18,269                     | 147                   | 756             | 998                | 663                | 8,454          | 2,219              | 2,798              | 869          | 1,364        |
| <b>Selected Amenities<sup>4</sup></b>                                |                            |                       |                 |                    |                    |                |                    |                    |              |              |
| Porch, deck, balcony, or patio . . . . .                             | 69,885                     | 3,455                 | 8,313           | 11,354             | 5,279              | 14,309         | 4,791              | 8,046              | 5,018        | 9,319        |
| Telephone available . . . . .                                        | 74,729                     | 3,891                 | 9,406           | 12,089             | 5,684              | 15,031         | 4,981              | 8,588              | 5,282        | 9,778        |
| Usable fireplace . . . . .                                           | 34,700                     | 1,957                 | 3,499           | 5,067              | 2,471              | 6,408          | 2,231              | 4,231              | 2,450        | 6,386        |
| Separate dining room . . . . .                                       | 43,300                     | 2,487                 | 6,504           | 6,638              | 3,271              | 8,856          | 2,778              | 4,879              | 2,333        | 5,553        |
| With 2 or more living rooms or recreation rooms, etc. . . . .        | 31,242                     | 1,792                 | 3,839           | 5,140              | 2,822              | 6,085          | 1,827              | 2,852              | 2,480        | 4,403        |
| <b>Monthly Housing Costs</b>                                         |                            |                       |                 |                    |                    |                |                    |                    |              |              |
| Less than \$100 . . . . .                                            | 192                        | 1                     | 18              | 19                 | 28                 | 20             | 23                 | 26                 | 29           | 27           |
| \$100 to \$199 . . . . .                                             | 1,687                      | 19                    | 78              | 230                | 124                | 413            | 260                | 297                | 164          | 103          |
| \$200 to \$249 . . . . .                                             | 1,906                      | 8                     | 93              | 265                | 123                | 520            | 289                | 315                | 185          | 108          |
| \$250 to \$299 . . . . .                                             | 2,557                      | 34                    | 142             | 449                | 179                | 563            | 336                | 364                | 252          | 237          |
| \$300 to \$349 . . . . .                                             | 2,942                      | 46                    | 167             | 566                | 231                | 619            | 368                | 495                | 242          | 209          |
| \$350 to \$399 . . . . .                                             | 2,946                      | 52                    | 270             | 531                | 265                | 623            | 275                | 416                | 193          | 319          |
| \$400 to \$449 . . . . .                                             | 2,765                      | 83                    | 283             | 578                | 265                | 462            | 278                | 340                | 224          | 251          |
| \$450 to \$499 . . . . .                                             | 2,415                      | 78                    | 274             | 461                | 198                | 455            | 167                | 380                | 158          | 243          |
| \$500 to \$599 . . . . .                                             | 4,694                      | 238                   | 536             | 853                | 477                | 867            | 300                | 602                | 293          | 529          |
| \$600 to \$699 . . . . .                                             | 4,196                      | 268                   | 534             | 810                | 324                | 831            | 276                | 536                | 242          | 374          |
| \$700 to \$799 . . . . .                                             | 4,041                      | 221                   | 525             | 760                | 298                | 847            | 332                | 490                | 199          | 369          |
| \$800 to \$999 . . . . .                                             | 7,359                      | 321                   | 915             | 1,378              | 645                | 1,648          | 533                | 849                | 431          | 638          |
| \$1,000 to \$1,249 . . . . .                                         | 8,520                      | 346                   | 1,060           | 1,578              | 781                | 1,754          | 527                | 984                | 724          | 766          |
| \$1,250 to \$1,499 . . . . .                                         | 7,186                      | 376                   | 849             | 1,197              | 638                | 1,433          | 390                | 741                | 694          | 869          |
| \$1,500 to \$1,999 . . . . .                                         | 9,441                      | 637                   | 1,284           | 1,348              | 680                | 1,864          | 387                | 927                | 753          | 1,561        |
| \$2,000 to \$2,499 . . . . .                                         | 5,556                      | 591                   | 947             | 642                | 277                | 1,009          | 158                | 464                | 315          | 1,154        |
| \$2,500 or more . . . . .                                            | 7,690                      | 617                   | 1,570           | 620                | 211                | 1,363          | 182                | 521                | 303          | 2,304        |
| No cash rent . . . . .                                               | X                          | X                     | X               | X                  | X                  | X              | X                  | X                  | X            | X            |
| <b>Median (excludes no cash rent)</b>                                |                            |                       |                 |                    |                    |                |                    |                    |              |              |
| <b>(dollars) . . . . .</b>                                           | <b>1,008</b>               | <b>1,412</b>          | <b>1,221</b>    | <b>891</b>         | <b>918</b>         | <b>978</b>     | <b>686</b>         | <b>819</b>         | <b>1,032</b> | <b>1,497</b> |

See footnotes at end of table.

Table C-1 I-00.

**General Characteristics by Census Geography—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                 | Total owner-occupied units | Regions and divisions |                 |                    |                    |                |                    |                    |          |         |
|-----------------------------------------------------------------|----------------------------|-----------------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|
|                                                                 |                            | Northeast             |                 | Midwest            |                    | South          |                    |                    | West     |         |
|                                                                 |                            | New England           | Middle Atlantic | East North Central | West North Central | South Atlantic | East South Central | West South Central | Mountain | Pacific |
| Monthly Housing Costs as Percent of Current Income <sup>5</sup> |                            |                       |                 |                    |                    |                |                    |                    |          |         |
| Less than 5 percent . . . . .                                   | 2,349                      | 59                    | 175             | 313                | 210                | 478            | 276                | 290                | 230      | 317     |
| 5 to 9 percent. . . . .                                         | 8,935                      | 386                   | 942             | 1,472              | 790                | 1,799          | 830                | 1,258              | 611      | 845     |
| 10 to 14 percent. . . . .                                       | 10,829                     | 510                   | 1,249           | 2,028              | 928                | 2,102          | 776                | 1,367              | 764      | 1,106   |
| 15 to 19 percent. . . . .                                       | 11,346                     | 532                   | 1,367           | 2,048              | 1,031              | 2,210          | 777                | 1,346              | 793      | 1,242   |
| 20 to 24 percent. . . . .                                       | 9,955                      | 575                   | 1,189           | 1,735              | 852                | 1,872          | 637                | 1,093              | 743      | 1,259   |
| 25 to 29 percent. . . . .                                       | 7,345                      | 421                   | 979             | 1,145              | 558                | 1,442          | 412                | 786                | 485      | 1,118   |
| 30 to 34 percent. . . . .                                       | 5,286                      | 355                   | 707             | 784                | 315                | 1,011          | 274                | 627                | 399      | 814     |
| 35 to 39 percent. . . . .                                       | 3,715                      | 185                   | 534             | 523                | 206                | 726            | 193                | 412                | 265      | 671     |
| 40 to 49 percent. . . . .                                       | 4,606                      | 254                   | 713             | 625                | 295                | 976            | 218                | 434                | 329      | 763     |
| 50 to 59 percent. . . . .                                       | 2,609                      | 153                   | 375             | 369                | 138                | 523            | 153                | 272                | 188      | 437     |
| 60 to 69 percent. . . . .                                       | 1,711                      | 93                    | 282             | 230                | 73                 | 389            | 86                 | 158                | 113      | 288     |
| 70 to 99 percent. . . . .                                       | 2,387                      | 136                   | 352             | 339                | 114                | 557            | 129                | 195                | 141      | 423     |
| 100 percent or more <sup>6</sup> . . . . .                      | 4,066                      | 247                   | 602             | 522                | 193                | 969            | 235                | 371                | 270      | 657     |
| Zero or negative income . . . . .                               | 952                        | 30                    | 78              | 154                | 41                 | 236            | 87                 | 138                | 68       | 119     |
| No cash rent . . . . .                                          | X                          | X                     | X               | X                  | X                  | X              | X                  | X                  | X        | X       |
| Median (excludes 2 previous lines) (percent). . . . .           | 21                         | 23                    | 24              | 20                 | 19                 | 22             | 18                 | 20                 | 21       | 25      |
| Median (excludes 3 lines before medians) (percent) . . . . .    | 20                         | 22                    | 22              | 19                 | 18                 | 21             | 18                 | 19                 | 20       | 24      |

<sup>1</sup> For manufactured/mobile homes, oldest category is 1939 or earlier.<sup>2</sup> Median is estimated from the printed distribution; see Appendix A.<sup>3</sup> Includes only those who responded they had some type of air conditioning.<sup>4</sup> Figures may not add to total because more than one category may apply to a unit.<sup>5</sup> This item uses current income in its calculation; see Appendix A.<sup>6</sup> May reflect a temporary situation, living off savings, or response error.

Table C-12-00.

**General Characteristics by Units in Structure—Owner-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                          | Total owner-occupied units | 1, detached   | 1, attached  | Multiunit    |              |             |             |             |             | Manu-<br>factured/<br>mobile homes |
|----------------------------------------------------------|----------------------------|---------------|--------------|--------------|--------------|-------------|-------------|-------------|-------------|------------------------------------|
|                                                          |                            |               |              | Total        | 2 to 4       | 5 to 9      | 10 to 19    | 20 to 49    | 50 or more  |                                    |
| <b>Total</b> .....                                       | <b>76,091</b>              | <b>62,662</b> | <b>4,090</b> | <b>3,661</b> | <b>1,419</b> | <b>583</b>  | <b>518</b>  | <b>408</b>  | <b>734</b>  | <b>5,678</b>                       |
| <b>Year Structure Built<sup>1,2</sup></b>                |                            |               |              |              |              |             |             |             |             |                                    |
| 2010 to 2014 .....                                       | 403                        | 357           | 22           | 16           | 3            | 2           | Z           | 8           | 3           | 8                                  |
| 2005 to 2009 .....                                       | 5,182                      | 4,153         | 399          | 212          | 73           | 46          | 36          | 17          | 40          | 418                                |
| 2000 to 2004 .....                                       | 6,319                      | 4,976         | 458          | 226          | 79           | 22          | 57          | 34          | 33          | 659                                |
| 1995 to 1999 .....                                       | 6,045                      | 4,317         | 320          | 165          | 53           | 36          | 34          | 20          | 22          | 1,242                              |
| 1990 to 1994 .....                                       | 4,766                      | 3,619         | 298          | 145          | 27           | 42          | 36          | 13          | 26          | 704                                |
| 1985 to 1989 .....                                       | 5,176                      | 3,818         | 450          | 313          | 76           | 98          | 50          | 38          | 50          | 595                                |
| 1980 to 1984 .....                                       | 4,135                      | 2,915         | 360          | 276          | 65           | 47          | 74          | 34          | 56          | 585                                |
| 1975 to 1979 .....                                       | 7,298                      | 5,990         | 389          | 371          | 115          | 66          | 60          | 44          | 86          | 548                                |
| 1970 to 1974 .....                                       | 5,608                      | 4,412         | 243          | 404          | 86           | 66          | 65          | 71          | 116         | 548                                |
| 1960 to 1969 .....                                       | 8,679                      | 7,769         | 214          | 419          | 115          | 56          | 56          | 51          | 140         | 278                                |
| 1950 to 1959 .....                                       | 8,548                      | 8,087         | 208          | 201          | 77           | 27          | 5           | 23          | 69          | 52                                 |
| 1940 to 1949 .....                                       | 4,172                      | 3,836         | 174          | 151          | 93           | 12          | 8           | 8           | 30          | 11                                 |
| 1930 to 1939 .....                                       | 2,697                      | 2,344         | 160          | 163          | 109          | 18          | 6           | 11          | 19          | 30                                 |
| 1920 to 1929 .....                                       | 2,598                      | 2,223         | 157          | 218          | 152          | 11          | 11          | 17          | 26          | X                                  |
| 1919 or earlier .....                                    | 4,467                      | 3,846         | 238          | 383          | 295          | 32          | 18          | 20          | 17          | X                                  |
| <b>Median (year)</b> .....                               | <b>1976</b>                | <b>1974</b>   | <b>1984</b>  | <b>1974</b>  | <b>1958</b>  | <b>1980</b> | <b>1982</b> | <b>1975</b> | <b>1973</b> | <b>1991</b>                        |
| <b>Rooms</b>                                             |                            |               |              |              |              |             |             |             |             |                                    |
| 1 .....                                                  | 18                         | 6             | 7            | 4            | Z            | Z           | Z           | 4           | Z           | Z                                  |
| 2 .....                                                  | 98                         | 31            | 5            | 49           | 10           | Z           | 4           | 5           | 30          | 13                                 |
| 3 .....                                                  | 1,033                      | 381           | 42           | 494          | 96           | 75          | 54          | 73          | 196         | 118                                |
| 4 .....                                                  | 6,319                      | 3,017         | 613          | 1,353        | 425          | 241         | 221         | 162         | 303         | 1,335                              |
| 5 .....                                                  | 17,101                     | 12,648        | 1,191        | 999          | 415          | 157         | 171         | 114         | 142         | 2,262                              |
| 6 .....                                                  | 19,910                     | 16,907        | 1,258        | 532          | 318          | 79          | 60          | 26          | 49          | 1,212                              |
| 7 .....                                                  | 14,705                     | 13,396        | 621          | 160          | 104          | 23          | 3           | 22          | 8           | 528                                |
| 8 .....                                                  | 9,403                      | 8,934         | 231          | 58           | 40           | 7           | 5           | Z           | 7           | 180                                |
| 9 .....                                                  | 4,317                      | 4,233         | 61           | 5            | 5            | Z           | Z           | Z           | Z           | 18                                 |
| 10 or more .....                                         | 3,187                      | 3,108         | 60           | 7            | 6            | Z           | Z           | Z           | Z           | 12                                 |
| <b>Bedrooms</b>                                          |                            |               |              |              |              |             |             |             |             |                                    |
| None .....                                               | 72                         | 19            | 10           | 43           | 5            | Z           | Z           | 9           | 28          | Z                                  |
| 1 .....                                                  | 1,731                      | 722           | 64           | 738          | 155          | 100         | 95          | 106         | 281         | 207                                |
| 2 .....                                                  | 13,197                     | 7,886         | 1,449        | 2,017        | 740          | 347         | 359         | 233         | 339         | 1,845                              |
| 3 .....                                                  | 39,306                     | 33,346        | 2,112        | 738          | 419          | 127         | 61          | 52          | 79          | 3,110                              |
| 4 or more .....                                          | 21,785                     | 20,690        | 455          | 125          | 100          | 8           | 3           | 7           | 8           | 516                                |
| <b>Complete Bathrooms</b>                                |                            |               |              |              |              |             |             |             |             |                                    |
| None .....                                               | 190                        | 134           | 14           | 6            | Z            | 1           | 2           | 2           | 1           | 36                                 |
| 1 .....                                                  | 15,118                     | 11,704        | 619          | 1,532        | 718          | 165         | 164         | 166         | 320         | 1,264                              |
| 1½ .....                                                 | 11,232                     | 9,433         | 865          | 497          | 192          | 103         | 79          | 40          | 83          | 438                                |
| 2 or more .....                                          | 49,551                     | 41,392        | 2,592        | 1,626        | 509          | 313         | 273         | 200         | 331         | 3,941                              |
| <b>Square Footage of Unit</b>                            |                            |               |              |              |              |             |             |             |             |                                    |
| Single detached and manu-<br>factured/mobile homes ..... | 68,340                     | 62,662        | X            | X            | X            | X           | X           | X           | X           | 5,678                              |
| Less than 500 .....                                      | 357                        | 248           | X            | X            | X            | X           | X           | X           | X           | 109                                |
| 500 to 749 .....                                         | 1,079                      | 628           | X            | X            | X            | X           | X           | X           | X           | 451                                |
| 750 to 999 .....                                         | 3,573                      | 2,435         | X            | X            | X            | X           | X           | X           | X           | 1,138                              |
| 1,000 to 1,499 .....                                     | 14,546                     | 12,522        | X            | X            | X            | X           | X           | X           | X           | 2,023                              |
| 1,500 to 1,999 .....                                     | 15,987                     | 15,014        | X            | X            | X            | X           | X           | X           | X           | 973                                |
| 2,000 to 2,499 .....                                     | 11,951                     | 11,620        | X            | X            | X            | X           | X           | X           | X           | 332                                |
| 2,500 to 2,999 .....                                     | 6,546                      | 6,458         | X            | X            | X            | X           | X           | X           | X           | 88                                 |
| 3,000 to 3,999 .....                                     | 6,405                      | 6,347         | X            | X            | X            | X           | X           | X           | X           | 58                                 |
| 4,000 or more .....                                      | 3,789                      | 3,679         | X            | X            | X            | X           | X           | X           | X           | 110                                |
| Not reported .....                                       | 4,108                      | 3,712         | X            | X            | X            | X           | X           | X           | X           | 397                                |
| <b>Median (square feet)</b> .....                        | <b>1,800</b>               | <b>1,900</b>  | <b>X</b>     | <b>X</b>     | <b>X</b>     | <b>X</b>    | <b>X</b>    | <b>X</b>    | <b>X</b>    | <b>1,200</b>                       |
| <b>Air Conditioning<sup>3</sup></b>                      |                            |               |              |              |              |             |             |             |             |                                    |
| Central .....                                            | 55,133                     | 46,254        | 3,093        | 2,067        | 553          | 420         | 344         | 261         | 489         | 3,719                              |
| Additional central .....                                 | 5,278                      | 4,712         | 191          | 125          | 29           | 16          | 14          | 22          | 44          | 249                                |
| Room (air conditioning) units:                           |                            |               |              |              |              |             |             |             |             |                                    |
| 1 unit .....                                             | 5,101                      | 3,884         | 191          | 449          | 255          | 42          | 41          | 45          | 67          | 576                                |
| 2 units .....                                            | 4,810                      | 3,521         | 271          | 493          | 287          | 58          | 33          | 31          | 85          | 525                                |
| 3 units or more .....                                    | 3,913                      | 3,047         | 280          | 273          | 145          | 18          | 21          | 30          | 58          | 313                                |

See footnotes at end of table.

Table C-12-00.

**General Characteristics by Units in Structure—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                      | Total owner-occupied units | Multiunit   |             |       |        |        |          |          |            | Manu-<br>factured/<br>mobile homes |  |
|----------------------------------------------------------------------|----------------------------|-------------|-------------|-------|--------|--------|----------|----------|------------|------------------------------------|--|
|                                                                      |                            | 1, detached | 1, attached | Total | 2 to 4 | 5 to 9 | 10 to 19 | 20 to 49 | 50 or more |                                    |  |
| Main Heating Equipment                                               |                            |             |             |       |        |        |          |          |            |                                    |  |
| Warm-air furnace . . . . .                                           | 51,672                     | 43,032      | 2,796       | 1,791 | 684    | 316    | 294      | 189      | 309        | 4,053                              |  |
| Steam or hot water system . . . . .                                  | 7,365                      | 5,946       | 469         | 924   | 490    | 76     | 56       | 90       | 212        | 26                                 |  |
| Electric heat pump . . . . .                                         | 9,782                      | 7,780       | 564         | 507   | 92     | 118    | 77       | 81       | 139        | 931                                |  |
| Built-in electric units . . . . .                                    | 1,999                      | 1,613       | 112         | 220   | 59     | 32     | 64       | 31       | 33         | 54                                 |  |
| Floor, wall, or other built-in hot-air units without ducts . . . . . | 1,808                      | 1,531       | 85          | 96    | 50     | 11     | 12       | 7        | 15         | 97                                 |  |
| Room heaters with flue . . . . .                                     | 555                        | 474         | 17          | 25    | 16     | Z      | 6        | Z        | 4          | 39                                 |  |
| Room heaters without flue . . . . .                                  | 629                        | 532         | 18          | 7     | 5      | Z      | Z        | Z        | 2          | 73                                 |  |
| Portable electric heaters . . . . .                                  | 720                        | 474         | 8           | 17    | 9      | 2      | 3        | 1        | 2          | 220                                |  |
| Stoves . . . . .                                                     | 879                        | 730         | 10          | 13    | 8      | 5      | Z        | Z        | Z          | 126                                |  |
| Fireplaces with inserts . . . . .                                    | 165                        | 163         | Z           | 2     | Z      | Z      | 2        | Z        | Z          | 1                                  |  |
| Fireplaces without inserts . . . . .                                 | 46                         | 44          | Z           | Z     | Z      | Z      | Z        | Z        | Z          | 2                                  |  |
| Cooking stove . . . . .                                              | 37                         | 24          | Z           | Z     | Z      | Z      | Z        | Z        | Z          | 12                                 |  |
| Other . . . . .                                                      | 220                        | 175         | 3           | 9     | 6      | Z      | Z        | Z        | 3          | 33                                 |  |
| None . . . . .                                                       | 215                        | 145         | 9           | 51    | Z      | 22     | 4        | 9        | 16         | 10                                 |  |
| Primary Source of Water                                              |                            |             |             |       |        |        |          |          |            |                                    |  |
| Public or private system . . . . .                                   | 64,327                     | 52,663      | 4,004       | 3,635 | 1,394  | 581    | 518      | 408      | 734        | 4,024                              |  |
| Well serving 1 to 5 units . . . . .                                  | 11,515                     | 9,795       | 80          | 26    | 24     | 2      | Z        | Z        | Z          | 1,615                              |  |
| Drilled . . . . .                                                    | 10,518                     | 8,963       | 76          | 23    | 21     | 2      | Z        | Z        | Z          | 1,457                              |  |
| Dug . . . . .                                                        | 689                        | 544         | 4           | 3     | 3      | Z      | Z        | Z        | Z          | 138                                |  |
| Not reported . . . . .                                               | 309                        | 288         | Z           | Z     | Z      | Z      | Z        | Z        | Z          | 20                                 |  |
| Other . . . . .                                                      | 249                        | 204         | 6           | Z     | Z      | Z      | Z        | Z        | Z          | 39                                 |  |
| Means of Sewage Disposal                                             |                            |             |             |       |        |        |          |          |            |                                    |  |
| Public sewer . . . . .                                               | 56,649                     | 46,481      | 3,957       | 3,610 | 1,369  | 581    | 518      | 408      | 734        | 2,601                              |  |
| Septic tank, cesspool, or chemical toilet . . . . .                  | 19,418                     | 16,160      | 130         | 51    | 50     | 2      | Z        | Z        | Z          | 3,077                              |  |
| Other . . . . .                                                      | 24                         | 21          | 3           | Z     | Z      | Z      | Z        | Z        | Z          | Z                                  |  |
| Units Using Each Fuel <sup>4</sup>                                   |                            |             |             |       |        |        |          |          |            |                                    |  |
| Electricity . . . . .                                                | 76,043                     | 62,615      | 4,089       | 3,661 | 1,419  | 583    | 518      | 408      | 734        | 5,678                              |  |
| Piped gas . . . . .                                                  | 46,535                     | 39,699      | 2,977       | 2,389 | 1,098  | 316    | 325      | 215      | 434        | 1,469                              |  |
| Bottled gas . . . . .                                                | 8,148                      | 6,747       | 81          | 60    | 31     | 8      | 11       | 5        | 6          | 1,259                              |  |
| Fuel oil . . . . .                                                   | 6,198                      | 5,265       | 234         | 483   | 181    | 25     | 8        | 64       | 205        | 216                                |  |
| Kerosene or other liquid fuel . . . . .                              | 369                        | 170         | 13          | 6     | 4      | Z      | Z        | Z        | 2          | 181                                |  |
| Coal or coke . . . . .                                               | 68                         | 61          | 4           | Z     | Z      | Z      | Z        | Z        | Z          | 2                                  |  |
| Wood . . . . .                                                       | 1,699                      | 1,478       | 12          | 15    | 12     | 3      | Z        | Z        | Z          | 194                                |  |
| Solar energy . . . . .                                               | 134                        | 129         | 4           | Z     | Z      | Z      | Z        | Z        | Z          | Z                                  |  |
| Other . . . . .                                                      | 325                        | 276         | 8           | 23    | 10     | 2      | 2        | 1        | 7          | 18                                 |  |
| All electric units . . . . .                                         | 18,269                     | 13,332      | 984         | 1,152 | 244    | 251    | 192      | 178      | 287        | 2,801                              |  |
| Selected Amenities <sup>4</sup>                                      |                            |             |             |       |        |        |          |          |            |                                    |  |
| Porch, deck, balcony, or patio . . . . .                             | 69,885                     | 58,323      | 3,645       | 2,810 | 1,128  | 483    | 449      | 302      | 448        | 5,108                              |  |
| Telephone available . . . . .                                        | 74,729                     | 61,619      | 3,995       | 3,585 | 1,382  | 568    | 511      | 402      | 723        | 5,530                              |  |
| Usable fireplace . . . . .                                           | 34,700                     | 31,210      | 1,624       | 768   | 301    | 204    | 143      | 61       | 60         | 1,098                              |  |
| Separate dining room . . . . .                                       | 43,300                     | 37,920      | 2,258       | 1,420 | 661    | 193    | 207      | 143      | 216        | 1,702                              |  |
| With 2 or more living rooms or recreation rooms, etc. . . . .        | 31,242                     | 28,713      | 1,170       | 427   | 205    | 77     | 56       | 41       | 48         | 932                                |  |
| Monthly Housing Costs                                                |                            |             |             |       |        |        |          |          |            |                                    |  |
| Less than \$100 . . . . .                                            | 192                        | 94          | 2           | 41    | 1      | 3      | 9        | 6        | 22         | 55                                 |  |
| \$100 to \$199 . . . . .                                             | 1,687                      | 1,020       | 42          | 92    | 20     | 7      | 17       | 15       | 32         | 532                                |  |
| \$200 to \$249 . . . . .                                             | 1,906                      | 1,349       | 47          | 50    | 24     | 9      | 8        | Z        | 9          | 460                                |  |
| \$250 to \$299 . . . . .                                             | 2,557                      | 1,951       | 58          | 92    | 38     | 16     | 5        | 13       | 20         | 457                                |  |
| \$300 to \$349 . . . . .                                             | 2,942                      | 2,313       | 94          | 102   | 41     | 19     | 14       | 3        | 25         | 432                                |  |
| \$350 to \$399 . . . . .                                             | 2,946                      | 2,436       | 93          | 82    | 34     | 9      | 14       | 10       | 15         | 335                                |  |
| \$400 to \$449 . . . . .                                             | 2,765                      | 2,278       | 114         | 105   | 49     | 18     | 10       | 12       | 16         | 267                                |  |
| \$450 to \$499 . . . . .                                             | 2,415                      | 1,954       | 106         | 115   | 36     | 26     | 23       | 10       | 20         | 239                                |  |
| \$500 to \$599 . . . . .                                             | 4,694                      | 3,709       | 213         | 197   | 81     | 26     | 28       | 32       | 30         | 575                                |  |
| \$600 to \$699 . . . . .                                             | 4,196                      | 3,268       | 213         | 230   | 93     | 39     | 34       | 21       | 44         | 485                                |  |
| \$700 to \$799 . . . . .                                             | 4,041                      | 3,175       | 212         | 196   | 64     | 27     | 28       | 18       | 59         | 458                                |  |
| \$800 to \$999 . . . . .                                             | 7,359                      | 5,978       | 425         | 341   | 147    | 51     | 49       | 44       | 48         | 615                                |  |
| \$1,000 to \$1,249 . . . . .                                         | 8,520                      | 7,159       | 560         | 466   | 173    | 91     | 77       | 46       | 80         | 335                                |  |
| \$1,250 to \$1,499 . . . . .                                         | 7,186                      | 6,247       | 459         | 301   | 112    | 61     | 43       | 40       | 45         | 178                                |  |
| \$1,500 to \$1,999 . . . . .                                         | 9,441                      | 8,206       | 643         | 459   | 184    | 67     | 85       | 40       | 84         | 134                                |  |
| \$2,000 to \$2,499 . . . . .                                         | 5,556                      | 4,841       | 372         | 315   | 146    | 57     | 34       | 34       | 43         | 28                                 |  |
| \$2,500 or more . . . . .                                            | 7,690                      | 6,683       | 439         | 477   | 176    | 56     | 39       | 64       | 142        | 91                                 |  |
| No cash rent . . . . .                                               | X                          | X           | X           | X     | X      | X      | X        | X        | X          | X                                  |  |
| Median (excludes no cash rent) (dollars) . . . . .                   | 1,008                      | 1,058       | 1,194       | 1,089 | 1,117  | 1,114  | 1,030    | 1,099    | 1,037      | 508                                |  |

See footnotes at end of table.

Table C-12-00.

**General Characteristics by Units in Structure—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                       | Total owner-occupied units | 1, detached | 1, attached | Multiunit |           |           |           |           |            | Manu-<br>factured/<br>mobile<br>homes |
|-----------------------------------------------------------------------|----------------------------|-------------|-------------|-----------|-----------|-----------|-----------|-----------|------------|---------------------------------------|
|                                                                       |                            |             |             | Total     | 2 to 4    | 5 to 9    | 10 to 19  | 20 to 49  | 50 or more |                                       |
| <b>Monthly Housing Costs as Percent of Current Income<sup>5</sup></b> |                            |             |             |           |           |           |           |           |            |                                       |
| Less than 5 percent . . . . .                                         | 2,349                      | 1,913       | 65          | 141       | 31        | 9         | 21        | 18        | 63         | 230                                   |
| 5 to 9 percent . . . . .                                              | 8,935                      | 7,474       | 331         | 288       | 113       | 51        | 33        | 25        | 66         | 842                                   |
| 10 to 14 percent . . . . .                                            | 10,829                     | 9,123       | 510         | 400       | 149       | 73        | 40        | 54        | 84         | 796                                   |
| 15 to 19 percent . . . . .                                            | 11,346                     | 9,701       | 479         | 472       | 187       | 67        | 85        | 48        | 85         | 694                                   |
| 20 to 24 percent . . . . .                                            | 9,955                      | 8,365       | 556         | 426       | 137       | 87        | 85        | 39        | 78         | 608                                   |
| 25 to 29 percent . . . . .                                            | 7,345                      | 6,084       | 493         | 298       | 106       | 52        | 58        | 33        | 50         | 471                                   |
| 30 to 34 percent . . . . .                                            | 5,286                      | 4,362       | 318         | 266       | 109       | 53        | 38        | 34        | 33         | 339                                   |
| 35 to 39 percent . . . . .                                            | 3,715                      | 3,022       | 218         | 213       | 92        | 24        | 43        | 26        | 29         | 262                                   |
| 40 to 49 percent . . . . .                                            | 4,606                      | 3,605       | 344         | 291       | 130       | 41        | 35        | 41        | 44         | 366                                   |
| 50 to 59 percent . . . . .                                            | 2,609                      | 2,079       | 156         | 194       | 77        | 25        | 21        | 24        | 47         | 181                                   |
| 60 to 69 percent . . . . .                                            | 1,711                      | 1,350       | 120         | 126       | 55        | 22        | 11        | 8         | 30         | 114                                   |
| 70 to 99 percent . . . . .                                            | 2,387                      | 1,821       | 165         | 176       | 84        | 20        | 20        | 27        | 26         | 225                                   |
| 100 percent or more <sup>6</sup> . . . . .                            | 4,066                      | 3,088       | 290         | 289       | 118       | 39        | 17        | 29        | 85         | 400                                   |
| Zero or negative income . . . . .                                     | 952                        | 675         | 46          | 81        | 30        | 21        | 11        | 4         | 15         | 150                                   |
| No cash rent . . . . .                                                | X                          | X           | X           | X         | X         | X         | X         | X         | X          | X                                     |
| <b>Median (excludes 2 previous lines) (percent) . . . . .</b>         | <b>21</b>                  | <b>21</b>   | <b>25</b>   | <b>25</b> | <b>28</b> | <b>24</b> | <b>24</b> | <b>27</b> | <b>23</b>  | <b>21</b>                             |
| <b>Median (excludes 3 lines before medians) (percent) . . . . .</b>   | <b>20</b>                  | <b>20</b>   | <b>24</b>   | <b>23</b> | <b>25</b> | <b>23</b> | <b>24</b> | <b>25</b> | <b>20</b>  | <b>20</b>                             |

<sup>1</sup> For manufactured/mobile homes, oldest category is 1939 or earlier.<sup>2</sup> Median is estimated from the printed distribution; see Appendix A.<sup>3</sup> Includes only those who responded they had some type of air conditioning.<sup>4</sup> Figures may not add to total because more than one category may apply to a unit.<sup>5</sup> This item uses current income in its calculation; see Appendix A.<sup>6</sup> May reflect a temporary situation, living off savings, or response error.

Table C-13-00.

**Value, Purchase Price, and Source of Down Payment—Owner-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                     | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |                |                             |                     | Regions        |                |                |                | Inside MSA     |                  | Outside MSA    |
|-----------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------------|-----------------------------|---------------------|----------------|----------------|----------------|----------------|----------------|------------------|----------------|
|                                                     |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic       | Elderly (65 years and over) | Below poverty level | North-east     | Midwest        | South          | West           | Central city   | Not central city |                |
| <b>Total</b> .....                                  | <b>76,091</b>              | <b>1,898</b>                  | <b>5,678</b>              | <b>6,662</b>              | <b>6,530</b>   | <b>20,250</b>               | <b>7,003</b>        | <b>13,480</b>  | <b>18,032</b>  | <b>29,119</b>  | <b>15,460</b>  | <b>17,390</b>  | <b>41,967</b>    | <b>16,735</b>  |
| <b>Value</b>                                        |                            |                               |                           |                           |                |                             |                     |                |                |                |                |                |                  |                |
| Less than \$10,000 .....                            | 1,595                      | 18                            | 1,282                     | 151                       | 164            | 368                         | 450                 | 150            | 440            | 720            | 285            | 180            | 779              | 635            |
| \$10,000 to \$19,999 .....                          | 1,200                      | 13                            | 841                       | 149                       | 142            | 315                         | 326                 | 87             | 277            | 687            | 149            | 201            | 547              | 452            |
| \$20,000 to \$29,999 .....                          | 1,135                      | 35                            | 630                       | 146                       | 112            | 403                         | 277                 | 141            | 267            | 535            | 193            | 224            | 461              | 450            |
| \$30,000 to \$39,999 .....                          | 1,428                      | 29                            | 591                       | 200                       | 149            | 433                         | 316                 | 133            | 347            | 792            | 155            | 303            | 571              | 554            |
| \$40,000 to \$59,999 .....                          | 3,494                      | 42                            | 823                       | 573                       | 489            | 1,100                       | 702                 | 324            | 1,028          | 1,724          | 419            | 893            | 1,253            | 1,348          |
| \$60,000 to \$79,999 .....                          | 5,187                      | 68                            | 508                       | 721                       | 568            | 1,550                       | 719                 | 511            | 1,724          | 2,404          | 548            | 1,339          | 2,136            | 1,712          |
| \$80,000 to \$99,999 .....                          | 5,981                      | 58                            | 267                       | 773                       | 709            | 1,797                       | 722                 | 589            | 1,747          | 2,968          | 676            | 1,481          | 2,772            | 1,728          |
| \$100,000 to \$119,999 .....                        | 5,367                      | 87                            | 291                       | 568                       | 540            | 1,617                       | 517                 | 662            | 1,680          | 2,401          | 625            | 1,292          | 2,700            | 1,376          |
| \$120,000 to \$149,999 .....                        | 8,277                      | 181                           | 218                       | 739                       | 679            | 1,988                       | 677                 | 1,004          | 2,574          | 3,556          | 1,143          | 2,037          | 4,308            | 1,932          |
| \$150,000 to \$199,999 .....                        | 11,677                     | 354                           | 154                       | 939                       | 856            | 2,897                       | 750                 | 1,839          | 3,399          | 4,361          | 2,078          | 2,660          | 6,559            | 2,458          |
| \$200,000 to \$299,999 .....                        | 13,487                     | 421                           | 52                        | 873                       | 926            | 3,437                       | 806                 | 3,044          | 2,729          | 4,552          | 3,163          | 2,571          | 8,420            | 2,497          |
| \$300,000 to \$399,999 .....                        | 7,063                      | 246                           | 10                        | 380                       | 584            | 1,711                       | 317                 | 2,040          | 1,000          | 2,001          | 2,023          | 1,542          | 4,748            | 773            |
| \$400,000 to \$499,999 .....                        | 3,696                      | 129                           | 8                         | 191                       | 267            | 896                         | 154                 | 1,146          | 373            | 961            | 1,215          | 841            | 2,471            | 384            |
| \$500,000 to \$749,999 .....                        | 3,964                      | 136                           | 3                         | 190                       | 237            | 1,003                       | 171                 | 1,152          | 325            | 913            | 1,574          | 1,049          | 2,664            | 251            |
| \$750,000 or more .....                             | 2,541                      | 81                            | Z                         | 67                        | 109            | 734                         | 99                  | 659            | 123            | 545            | 1,214          | 778            | 1,578            | 185            |
| <b>Median (dollars)</b> .....                       | <b>160,000</b>             | <b>200,000</b>                | <b>30,000</b>             | <b>120,000</b>            | <b>130,000</b> | <b>150,000</b>              | <b>98,000</b>       | <b>230,000</b> | <b>130,000</b> | <b>135,000</b> | <b>230,000</b> | <b>152,000</b> | <b>184,000</b>   | <b>120,000</b> |
| <b>Ratio of Value to Current Income<sup>1</sup></b> |                            |                               |                           |                           |                |                             |                     |                |                |                |                |                |                  |                |
| Less than 1.5 .....                                 | 16,451                     | 332                           | 3,595                     | 1,579                     | 1,442          | 2,646                       | 635                 | 1,990          | 4,887          | 7,432          | 2,142          | 3,475          | 8,240            | 4,736          |
| 1.5 to 1.9 .....                                    | 8,956                      | 239                           | 480                       | 740                       | 747            | 1,342                       | 135                 | 1,407          | 2,728          | 3,521          | 1,301          | 2,108          | 4,939            | 1,909          |
| 2.0 to 2.4 .....                                    | 8,421                      | 260                           | 297                       | 728                       | 636            | 1,428                       | 154                 | 1,466          | 2,231          | 3,322          | 1,402          | 1,850          | 4,854            | 1,716          |
| 2.5 to 2.9 .....                                    | 7,026                      | 212                           | 183                       | 533                       | 566            | 1,480                       | 132                 | 1,366          | 1,729          | 2,532          | 1,399          | 1,640          | 3,999            | 1,387          |
| 3.0 to 3.9 .....                                    | 9,388                      | 298                           | 276                       | 806                       | 880            | 2,349                       | 388                 | 1,816          | 2,040          | 3,328          | 2,204          | 2,205          | 5,278            | 1,906          |
| 4.0 to 4.9 .....                                    | 5,797                      | 158                           | 139                       | 446                       | 514            | 1,917                       | 238                 | 1,173          | 1,090          | 2,083          | 1,451          | 1,280          | 3,428            | 1,089          |
| 5.0 to 6.9 .....                                    | 6,801                      | 134                           | 236                       | 568                       | 575            | 2,725                       | 531                 | 1,346          | 1,216          | 2,406          | 1,834          | 1,587          | 3,896            | 1,318          |
| 7.0 to 8.9 .....                                    | 3,459                      | 79                            | 78                        | 288                       | 319            | 1,592                       | 421                 | 706            | 599            | 1,145          | 1,008          | 845            | 1,876            | 737            |
| 9.0 to 10.9 .....                                   | 2,080                      | 53                            | 65                        | 191                       | 145            | 1,081                       | 323                 | 483            | 345            | 654            | 598            | 500            | 1,178            | 403            |
| 11 or more .....                                    | 6,761                      | 129                           | 180                       | 636                       | 551            | 3,548                       | 3,167               | 1,619          | 972            | 2,235          | 1,934          | 1,685          | 3,807            | 1,269          |
| Zero or negative income .....                       | 952                        | 4                             | 150                       | 146                       | 155            | 142                         | 880                 | 109            | 195            | 461            | 187            | 217            | 471              | 263            |
| <b>Median (ratio)</b> .....                         | <b>2.7</b>                 | <b>2.7</b>                    | <b>0.9</b>                | <b>2.6</b>                | <b>2.8</b>     | <b>4.3</b>                  | <b>11.8</b>         | <b>3.2</b>     | <b>2.2</b>     | <b>2.5</b>     | <b>3.5</b>     | <b>2.8</b>     | <b>2.8</b>       | <b>2.4</b>     |
| <b>Other Activities on Property</b>                 |                            |                               |                           |                           |                |                             |                     |                |                |                |                |                |                  |                |
| Medical or commercial establishment ..              | 707                        | 18                            | 43                        | 47                        | 36             | 242                         | 73                  | 204            | 158            | 246            | 99             | 228            | 286              | 193            |
| Neither .....                                       | 75,384                     | 1,880                         | 5,635                     | 6,615                     | 6,495          | 20,009                      | 6,930               | 13,276         | 17,874         | 28,873         | 15,361         | 17,162         | 41,681           | 16,542         |
| <b>Year Unit Acquired</b>                           |                            |                               |                           |                           |                |                             |                     |                |                |                |                |                |                  |                |
| 2010 to 2014 .....                                  | 5,419                      | 549                           | 488                       | 392                       | 607            | 426                         | 505                 | 796            | 1,182          | 2,044          | 1,398          | 1,403          | 2,876            | 1,140          |
| 2005 to 2009 .....                                  | 18,764                     | 1,349                         | 1,520                     | 1,616                     | 1,864          | 1,952                       | 1,564               | 2,835          | 4,217          | 7,784          | 3,928          | 4,591          | 10,418           | 3,756          |
| 2000 to 2004 .....                                  | 15,273                     | X                             | 1,341                     | 1,256                     | 1,574          | 2,499                       | 1,291               | 2,580          | 3,474          | 5,891          | 3,328          | 3,391          | 8,764            | 3,118          |
| 1995 to 1999 .....                                  | 10,527                     | X                             | 1,135                     | 1,028                     | 917            | 2,319                       | 896                 | 1,811          | 2,484          | 4,086          | 2,146          | 2,179          | 6,005            | 2,342          |
| 1990 to 1994 .....                                  | 7,243                      | X                             | 552                       | 585                       | 528            | 1,951                       | 633                 | 1,302          | 1,880          | 2,689          | 1,372          | 1,589          | 4,030            | 1,623          |
| 1985 to 1989 .....                                  | 5,376                      | X                             | 294                       | 448                       | 354            | 1,779                       | 427                 | 1,090          | 1,320          | 1,922          | 1,044          | 1,173          | 3,009            | 1,194          |
| 1980 to 1984 .....                                  | 3,119                      | X                             | 140                       | 273                       | 203            | 1,335                       | 342                 | 749            | 697            | 1,163          | 509            | 656            | 1,646            | 817            |
| 1975 to 1979 .....                                  | 3,561                      | X                             | 107                       | 339                       | 153            | 2,026                       | 343                 | 686            | 977            | 1,240          | 658            | 794            | 1,757            | 1,011          |
| 1970 to 1974 .....                                  | 2,423                      | X                             | 74                        | 272                       | 145            | 1,839                       | 303                 | 531            | 640            | 881            | 372            | 556            | 1,194            | 673            |
| 1960 to 1969 .....                                  | 2,888                      | X                             | 22                        | 312                       | 115            | 2,679                       | 429                 | 704            | 765            | 949            | 469            | 719            | 1,487            | 682            |
| 1950 to 1959 .....                                  | 1,254                      | X                             | 3                         | 124                       | 63             | 1,216                       | 204                 | 311            | 335            | 399            | 208            | 291            | 657              | 306            |
| 1940 to 1949 .....                                  | 214                        | X                             | 2                         | 17                        | 7              | 208                         | 55                  | 72             | 55             | 65             | 21             | 35             | 108              | 71             |
| 1939 or earlier .....                               | 32                         | X                             | X                         | Z                         | Z              | 23                          | 10                  | 13             | 7              | 6              | 7              | 14             | 15               | 3              |
| <b>Median (year)</b> .....                          | <b>2000</b>                | <b>2009</b>                   | <b>2001</b>               | <b>1999</b>               | <b>2002</b>    | <b>1987</b>                 | <b>1999</b>         | <b>1998</b>    | <b>1999</b>    | <b>2001</b>    | <b>2001</b>    | <b>2001</b>    | <b>2000</b>      | <b>1999</b>    |

See footnotes at end of table.

Table C-13-00.

**Value, Purchase Price, and Source of Down Payment—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                    | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |        |         | Inside MSA   |                  |        | Outside MSA |
|--------------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|--------|---------|--------------|------------------|--------|-------------|
|                                                                    |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South  | West    | Central city | Not central city |        |             |
| Purchase Price                                                     |                            |                               |                           |                           |          |                             |                     |            |         |        |         |              |                  |        |             |
| Home purchased or built . . . . .                                  | 71,608                     | 1,830                         | 5,281                     | 6,040                     | 6,199    | 18,865                      | 6,162               | 12,629     | 17,095  | 27,199 | 14,685  | 16,287       | 39,837           | 15,483 |             |
| Less than \$10,000 . . . . .                                       | 2,593                      | 8                             | 899                       | 284                       | 298      | 1,309                       | 598                 | 422        | 628     | 1,189  | 354     | 463          | 1,118            | 1,012  |             |
| \$10,000 to \$19,999 . . . . .                                     | 3,957                      | 6                             | 792                       | 517                       | 315      | 2,358                       | 667                 | 722        | 1,117   | 1,546  | 571     | 935          | 1,846            | 1,176  |             |
| \$20,000 to \$29,999 . . . . .                                     | 3,559                      | 10                            | 707                       | 363                       | 317      | 1,799                       | 461                 | 658        | 983     | 1,447  | 471     | 753          | 1,531            | 1,274  |             |
| \$30,000 to \$39,999 . . . . .                                     | 3,392                      | 31                            | 568                       | 359                       | 262      | 1,439                       | 463                 | 650        | 887     | 1,422  | 433     | 725          | 1,421            | 1,246  |             |
| \$40,000 to \$49,999 . . . . .                                     | 2,975                      | 19                            | 462                       | 235                       | 249      | 1,077                       | 311                 | 476        | 813     | 1,269  | 417     | 698          | 1,260            | 1,017  |             |
| \$50,000 to \$59,999 . . . . .                                     | 3,009                      | 12                            | 328                       | 371                       | 229      | 980                         | 339                 | 461        | 921     | 1,264  | 363     | 753          | 1,305            | 951    |             |
| \$60,000 to \$69,999 . . . . .                                     | 3,038                      | 31                            | 273                       | 258                       | 318      | 798                         | 290                 | 418        | 869     | 1,334  | 416     | 676          | 1,438            | 924    |             |
| \$70,000 to \$79,999 . . . . .                                     | 2,927                      | 14                            | 193                       | 343                       | 266      | 758                         | 221                 | 399        | 812     | 1,316  | 401     | 633          | 1,594            | 699    |             |
| \$80,000 to \$99,999 . . . . .                                     | 5,586                      | 39                            | 291                       | 545                       | 546      | 1,112                       | 467                 | 823        | 1,516   | 2,356  | 891     | 1,322        | 2,968            | 1,295  |             |
| \$100,000 to \$119,999 . . . . .                                   | 4,390                      | 74                            | 145                       | 329                       | 411      | 855                         | 298                 | 685        | 1,177   | 1,788  | 740     | 973          | 2,618            | 799    |             |
| \$120,000 to \$149,999 . . . . .                                   | 6,708                      | 155                           | 126                       | 580                       | 590      | 1,141                       | 350                 | 956        | 1,858   | 2,647  | 1,247   | 1,580        | 3,966            | 1,163  |             |
| \$150,000 to \$199,999 . . . . .                                   | 8,306                      | 283                           | 38                        | 527                       | 753      | 1,371                       | 405                 | 1,485      | 1,949   | 2,887  | 1,985   | 1,897        | 5,213            | 1,196  |             |
| \$200,000 to \$249,999 . . . . .                                   | 5,025                      | 214                           | 11                        | 278                       | 368      | 714                         | 217                 | 947        | 1,012   | 1,649  | 1,416   | 1,067        | 3,323            | 635    |             |
| \$250,000 to \$299,999 . . . . .                                   | 3,205                      | 195                           | 10                        | 169                       | 256      | 474                         | 123                 | 675        | 554     | 998    | 978     | 699          | 2,145            | 361    |             |
| \$300,000 or more . . . . .                                        | 8,639                      | 554                           | 4                         | 362                       | 657      | 1,173                       | 272                 | 2,056      | 1,035   | 2,305  | 3,243   | 2,109        | 5,921            | 609    |             |
| Not reported . . . . .                                             | 4,298                      | 185                           | 436                       | 518                       | 362      | 1,507                       | 681                 | 794        | 963     | 1,783  | 757     | 1,004        | 2,170            | 1,124  |             |
| Median (dollars) . . . . .                                         | 110,000                    | 235,000                       | 30,000                    | 80,000                    | 104,000  | 55,000                      | 56,000              | 125,000    | 90,000  | 95,000 | 164,000 | 114,000      | 130,000          | 65,000 |             |
| Received as inheritance or gift . . . . .                          | 3,485                      | 21                            | 342                       | 509                       | 273      | 1,143                       | 698                 | 677        | 732     | 1,530  | 545     | 853          | 1,573            | 1,060  |             |
| Not reported . . . . .                                             | 999                        | 47                            | 55                        | 113                       | 58       | 242                         | 143                 | 174        | 205     | 389    | 230     | 250          | 557              | 192    |             |
| Down Payment                                                       |                            |                               |                           |                           |          |                             |                     |            |         |        |         |              |                  |        |             |
| Home purchased or built . . . . .                                  | 71,608                     | 1,830                         | 5,281                     | 6,040                     | 6,199    | 18,865                      | 6,162               | 12,629     | 17,095  | 27,199 | 14,685  | 16,287       | 39,837           | 15,483 |             |
| Percent of purchase price . . . . .                                |                            |                               |                           |                           |          |                             |                     |            |         |        |         |              |                  |        |             |
| No down payment . . . . .                                          | 7,359                      | 258                           | 877                       | 760                       | 719      | 1,583                       | 884                 | 749        | 1,679   | 3,515  | 1,416   | 1,558        | 3,273            | 2,528  |             |
| Less than 3 percent . . . . .                                      | 5,090                      | 109                           | 298                       | 686                       | 568      | 1,250                       | 488                 | 698        | 1,248   | 2,246  | 898     | 1,224        | 2,567            | 1,299  |             |
| 3-5 percent . . . . .                                              | 7,589                      | 233                           | 357                       | 1,019                     | 999      | 940                         | 502                 | 1,093      | 1,703   | 3,115  | 1,679   | 2,120        | 4,304            | 1,165  |             |
| 6-10 percent . . . . .                                             | 9,831                      | 202                           | 554                       | 1,044                     | 1,050    | 1,795                       | 681                 | 1,795      | 2,423   | 3,639  | 1,973   | 2,304        | 5,703            | 1,824  |             |
| 11-15 percent . . . . .                                            | 3,911                      | 96                            | 300                       | 320                       | 364      | 835                         | 226                 | 754        | 962     | 1,389  | 806     | 878          | 2,234            | 799    |             |
| 16-20 percent . . . . .                                            | 8,651                      | 241                           | 283                       | 389                       | 555      | 1,666                       | 402                 | 1,771      | 2,091   | 2,824  | 1,965   | 2,024        | 5,408            | 1,219  |             |
| 21-40 percent . . . . .                                            | 8,254                      | 202                           | 406                       | 310                       | 473      | 2,152                       | 447                 | 1,820      | 2,099   | 2,442  | 1,894   | 1,770        | 4,919            | 1,565  |             |
| 41-99 percent . . . . .                                            | 4,693                      | 102                           | 284                       | 129                       | 268      | 1,834                       | 338                 | 1,106      | 1,159   | 1,473  | 955     | 862          | 2,796            | 1,035  |             |
| Bought outright . . . . .                                          | 6,743                      | 129                           | 1,273                     | 323                       | 487      | 3,511                       | 989                 | 1,062      | 1,570   | 2,820  | 1,290   | 1,259        | 3,471            | 2,013  |             |
| Not reported . . . . .                                             | 9,485                      | 259                           | 649                       | 1,060                     | 718      | 3,300                       | 1,207               | 1,778      | 2,160   | 3,738  | 1,808   | 2,290        | 5,162            | 2,033  |             |
| Major Source of Down Payment                                       |                            |                               |                           |                           |          |                             |                     |            |         |        |         |              |                  |        |             |
| Home purchased or built . . . . .                                  | 71,608                     | 1,830                         | 5,281                     | 6,040                     | 6,199    | 18,865                      | 6,162               | 12,629     | 17,095  | 27,199 | 14,685  | 16,287       | 39,837           | 15,483 |             |
| Sale of previous home . . . . .                                    | 21,096                     | 472                           | 999                       | 732                       | 1,136    | 7,087                       | 1,252               | 3,498      | 5,691   | 7,254  | 4,652   | 3,998        | 12,991           | 4,107  |             |
| Savings or cash on hand . . . . .                                  | 32,528                     | 793                           | 2,313                     | 3,563                     | 3,498    | 7,682                       | 2,814               | 6,725      | 7,283   | 12,196 | 6,323   | 8,323        | 18,179           | 6,026  |             |
| Sale of other investment . . . . .                                 | 712                        | 15                            | 43                        | 22                        | 45       | 227                         | 54                  | 115        | 145     | 237    | 215     | 154          | 415              | 144    |             |
| Borrowing, other than mortgage on this property . . . . .          | 2,312                      | 54                            | 217                       | 231                       | 234      | 631                         | 275                 | 391        | 565     | 894    | 462     | 557          | 1,105            | 649    |             |
| Inheritance or gift . . . . .                                      | 1,417                      | 33                            | 91                        | 76                        | 90       | 217                         | 166                 | 289        | 343     | 432    | 354     | 372          | 780              | 265    |             |
| Land where building built used for financing . . . . .             | 620                        | 42                            | 99                        | 59                        | 17       | 135                         | 29                  | 62         | 121     | 388    | 49      | 60           | 249              | 312    |             |
| Other . . . . .                                                    | 3,424                      | 76                            | 458                       | 349                       | 312      | 702                         | 408                 | 429        | 828     | 1,417  | 749     | 722          | 1,727            | 975    |             |
| No down payment . . . . .                                          | 7,359                      | 258                           | 877                       | 760                       | 719      | 1,583                       | 884                 | 749        | 1,679   | 3,515  | 1,416   | 1,558        | 3,273            | 2,528  |             |
| Not reported . . . . .                                             | 2,139                      | 87                            | 184                       | 247                       | 148      | 601                         | 280                 | 370        | 440     | 865    | 465     | 544          | 1,119            | 477    |             |
| How Acquired                                                       |                            |                               |                           |                           |          |                             |                     |            |         |        |         |              |                  |        |             |
| First occupant in single-family unit built 2010 or later . . . . . | 284                        | 284                           | X                         | 18                        | 23       | 11                          | 17                  | 22         | 49      | 152    | 62      | 77           | 126              | 81     |             |
| Already built . . . . .                                            | 100                        | 100                           | X                         | 12                        | 10       | 3                           | 6                   | 9          | 15      | 51     | 24      | 31           | 40               | 28     |             |
| Sales agreement . . . . .                                          | 79                         | 79                            | X                         | 5                         | 7        | 3                           | 4                   | 7          | 12      | 40     | 20      | 30           | 32               | 17     |             |
| Contractor . . . . .                                               | 53                         | 53                            | X                         | 1                         | 4        | 3                           | 2                   | 1          | 18      | 24     | 9       | 14           | 21               | 17     |             |
| Built it yourself . . . . .                                        | 42                         | 42                            | X                         | 1                         | 3        | 2                           | 1                   | 1          | 3       | 32     | 6       | 1            | 26               | 15     |             |
| Received as inheritance or gift . . . . .                          | Z                          | Z                             | X                         | Z                         | Z        | Z                           | Z                   | Z          | Z       | Z      | Z       | Z            | Z                | Z      |             |
| Not reported . . . . .                                             | 11                         | 11                            | X                         | Z                         | Z        | Z                           | 4                   | 4          | 1       | 4      | 2       | Z            | 7                | 4      |             |
| Previous Occupancy                                                 |                            |                               |                           |                           |          |                             |                     |            |         |        |         |              |                  |        |             |
| Unit built 2010 or later . . . . .                                 | 403                        | 403                           | 8                         | 31                        | 36       | 31                          | 26                  | 36         | 68      | 217    | 81      | 108          | 179              | 116    |             |
| Not previously occupied . . . . .                                  | 298                        | 298                           | 5                         | 18                        | 26       | 11                          | 18                  | 22         | 49      | 162    | 65      | 80           | 130              | 88     |             |
| Not reported . . . . .                                             | 76                         | 76                            | Z                         | 10                        | 10       | 9                           | 4                   | 3          | 16      | 43     | 13      | 17           | 35               | 24     |             |

See footnotes at end of table.

Table C-13-00.

**Value, Purchase Price, and Source of Down Payment—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                 | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |        |       | Inside MSA   |                  | Outside MSA |
|---------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|--------|-------|--------------|------------------|-------------|
|                                 |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South  | West  | Central city | Not central city |             |
| <b>First-Time Owners</b>        |                            |                               |                           |                           |          |                             |                     |            |         |        |       |              |                  |             |
| First home ever owned . . . . . | 31,892                     | 609                           | 2,339                     | 4,238                     | 3,805    | 6,266                       | 3,614               | 6,719      | 7,311   | 11,960 | 5,903 | 8,624        | 16,601           | 6,667       |
| Not first home . . . . .        | 42,890                     | 1,249                         | 3,253                     | 2,266                     | 2,649    | 13,672                      | 3,219               | 6,539      | 10,476  | 16,628 | 9,248 | 8,438        | 24,641           | 9,812       |
| Not reported . . . . .          | 1,309                      | 40                            | 87                        | 158                       | 76       | 313                         | 169                 | 223        | 246     | 531    | 309   | 329          | 725              | 256         |

<sup>1</sup> This item uses current income in its calculation; see Appendix A.

Table C-14A-00.

**Mortgage Characteristics—Owner-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                          | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |              |                             |                     | Regions       |               |               |               | Inside MSA    |                  | Outside MSA   |
|--------------------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|--------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                                          |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic     | Elderly (65 years and over) | Below poverty level | North-east    | Midwest       | South         | West          | Central city  | Not central city |               |
| <b>Total</b> .....                                                       | <b>76,091</b>              | <b>1,898</b>                  | <b>5,678</b>              | <b>6,662</b>              | <b>6,530</b> | <b>20,250</b>               | <b>7,003</b>        | <b>13,480</b> | <b>18,032</b> | <b>29,119</b> | <b>15,460</b> | <b>17,390</b> | <b>41,967</b>    | <b>16,735</b> |
| <b>Mortgages Currently on Property<sup>1</sup></b>                       |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| None, owned free and clear .....                                         | 25,921                     | 324                           | 3,356                     | 1,985                     | 1,914        | 13,155                      | 3,787               | 4,549         | 6,191         | 10,774        | 4,407         | 5,409         | 13,154           | 7,358         |
| Reverse mortgage .....                                                   | 435                        | Z                             | 15                        | 40                        | 49           | 417                         | 83                  | 94            | 56            | 154           | 131           | 103           | 236              | 96            |
| Regular and/or home-equity mortgage <sup>2</sup> .....                   | 49,735                     | 1,574                         | 2,306                     | 4,637                     | 4,567        | 6,678                       | 3,133               | 8,838         | 11,785        | 18,190        | 10,921        | 11,878        | 28,577           | 9,280         |
| Regular mortgage .....                                                   | 47,248                     | 1,551                         | 2,218                     | 4,426                     | 4,452        | 5,776                       | 2,949               | 8,078         | 11,182        | 17,390        | 10,598        | 11,361        | 27,152           | 8,735         |
| Home-equity lump-sum mortgage .....                                      | 2,578                      | 17                            | 76                        | 202                       | 180          | 498                         | 144                 | 683           | 665           | 821           | 410           | 570           | 1,513            | 495           |
| Home-equity line of credit .....                                         | 4,762                      | 54                            | 50                        | 236                       | 249          | 915                         | 163                 | 1,103         | 1,151         | 1,340         | 1,169         | 989           | 3,046            | 728           |
| <b>Number of Regular Mortgages and Home-Equity Mortgages<sup>1</sup></b> |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| 1 mortgage .....                                                         | 43,055                     | 1,479                         | 2,247                     | 4,236                     | 4,025        | 6,026                       | 2,934               | 7,569         | 10,180        | 16,181        | 9,125         | 10,353        | 24,367           | 8,334         |
| 2 mortgages .....                                                        | 6,553                      | 95                            | 59                        | 395                       | 537          | 640                         | 194                 | 1,231         | 1,583         | 1,981         | 1,758         | 1,488         | 4,136            | 930           |
| 3 mortgages or more .....                                                | 126                        | Z                             | Z                         | 5                         | 5            | 13                          | 5                   | 38            | 22            | 28            | 38            | 36            | 73               | 17            |
| <b>Types of Mortgages<sup>1</sup></b>                                    |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Regular and home-equity lump sum .....                                   | 1,533                      | 6                             | 25                        | 84                        | 107          | 150                         | 46                  | 371           | 423           | 436           | 303           | 325           | 978              | 230           |
| With home-equity line of credit .....                                    | 24                         | Z                             | Z                         | Z                         | Z            | Z                           | Z                   | 15            | 4             | 3             | 1             | 5             | 17               | 2             |
| No home-equity line of credit .....                                      | 1,509                      | 6                             | 25                        | 84                        | 107          | 150                         | 46                  | 356           | 419           | 433           | 302           | 320           | 961              | 227           |
| Regular, no home-equity lump sum .....                                   | 45,716                     | 1,544                         | 2,193                     | 4,341                     | 4,346        | 5,626                       | 2,904               | 7,707         | 10,759        | 16,953        | 10,296        | 11,036        | 26,174           | 8,505         |
| With home-equity line of credit .....                                    | 3,259                      | 41                            | 13                        | 142                       | 206          | 357                         | 75                  | 626           | 782           | 915           | 937           | 704           | 2,115            | 441           |
| No home-equity line of credit .....                                      | 42,456                     | 1,503                         | 2,180                     | 4,199                     | 4,140        | 5,269                       | 2,829               | 7,082         | 9,977         | 16,039        | 9,359         | 10,333        | 24,060           | 8,064         |
| Home-equity lump sum, no regular .....                                   | 1,046                      | 10                            | 52                        | 118                       | 73           | 348                         | 98                  | 311           | 242           | 385           | 108           | 245           | 535              | 265           |
| With home-equity line of credit .....                                    | 38                         | Z                             | Z                         | Z                         | 1            | 4                           | 3                   | 14            | 3             | 6             | 15            | 9             | 26               | 4             |
| No home-equity line of credit .....                                      | 1,008                      | 10                            | 52                        | 118                       | 72           | 344                         | 96                  | 297           | 239           | 379           | 92            | 236           | 509              | 262           |
| No regular or home-equity lump sum .....                                 | 27,797                     | 337                           | 3,409                     | 2,118                     | 2,005        | 14,126                      | 3,955               | 5,091         | 6,609         | 11,344        | 4,754         | 5,784         | 14,279           | 7,734         |
| With home-equity line of credit .....                                    | 1,441                      | 13                            | 37                        | 93                        | 42           | 554                         | 85                  | 448           | 362           | 416           | 215           | 272           | 889              | 280           |
| No home-equity line of credit .....                                      | 26,357                     | 324                           | 3,372                     | 2,025                     | 1,963        | 13,572                      | 3,870               | 4,643         | 6,247         | 10,928        | 4,539         | 5,512         | 13,390           | 7,454         |
| <b>OWNERS WITH ONE OR MORE REGULAR OR LUMP-SUM HOME-EQUITY MORTGAGES</b> |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| <b>Total</b> .....                                                       | <b>48,294</b>              | <b>1,561</b>                  | <b>2,269</b>              | <b>4,544</b>              | <b>4,525</b> | <b>6,124</b>                | <b>3,048</b>        | <b>8,390</b>  | <b>11,424</b> | <b>17,774</b> | <b>10,706</b> | <b>11,606</b> | <b>27,688</b>    | <b>9,000</b>  |
| <b>Year Primary Mortgage Originated</b>                                  |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| 2010 to 2014 .....                                                       | 9,467                      | 590                           | 253                       | 521                       | 695          | 761                         | 410                 | 1,616         | 2,325         | 2,939         | 2,586         | 2,317         | 5,455            | 1,695         |
| 2005 to 2009 .....                                                       | 19,616                     | 969                           | 792                       | 1,769                     | 1,963        | 1,804                       | 1,095               | 3,203         | 4,568         | 7,410         | 4,435         | 4,786         | 11,388           | 3,443         |
| 2000 to 2004 .....                                                       | 10,446                     | 2                             | 548                       | 963                       | 1,105        | 1,310                       | 686                 | 1,874         | 2,481         | 3,951         | 2,140         | 2,381         | 6,078            | 1,987         |
| 1995 to 1999 .....                                                       | 4,164                      | X                             | 509                       | 574                       | 411          | 727                         | 363                 | 738           | 928           | 1,759         | 739           | 890           | 2,309            | 965           |
| 1990 to 1994 .....                                                       | 1,931                      | X                             | 79                        | 248                       | 166          | 385                         | 167                 | 390           | 501           | 718           | 322           | 499           | 1,105            | 328           |
| 1985 to 1989 .....                                                       | 1,139                      | X                             | 45                        | 190                       | 85           | 295                         | 87                  | 270           | 243           | 421           | 205           | 309           | 617              | 213           |
| 1980 to 1984 .....                                                       | 619                        | X                             | 18                        | 117                       | 46           | 286                         | 80                  | 129           | 143           | 249           | 97            | 167           | 311              | 141           |
| 1975 to 1979 .....                                                       | 527                        | X                             | 21                        | 87                        | 27           | 279                         | 90                  | 106           | 150           | 165           | 106           | 157           | 242              | 128           |
| 1970 to 1974 .....                                                       | 387                        | X                             | 5                         | 75                        | 28           | 277                         | 70                  | 63            | 84            | 164           | 76            | 102           | 182              | 103           |
| 1969 or earlier .....                                                    | Z                          | X                             | Z                         | Z                         | Z            | Z                           | Z                   | Z             | Z             | Z             | Z             | Z             | Z                | Z             |
| <b>Median (year)</b> .....                                               | <b>2006</b>                | <b>2009</b>                   | <b>2004</b>               | <b>2005</b>               | <b>2005</b>  | <b>2003</b>                 | <b>2004</b>         | <b>2005</b>   | <b>2006</b>   | <b>2006</b>   | <b>2007</b>   | <b>2006</b>   | <b>2006</b>      | <b>2006</b>   |
| <b>Term of Primary Mortgage at Origination or Assumption</b>             |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Less than 8 years .....                                                  | 648                        | 34                            | 128                       | 43                        | 70           | 95                          | 70                  | 109           | 183           | 227           | 129           | 143           | 330              | 175           |
| 8 to 12 years .....                                                      | 1,511                      | 23                            | 192                       | 76                        | 119          | 277                         | 132                 | 297           | 380           | 585           | 249           | 261           | 820              | 431           |
| 13 to 17 years .....                                                     | 7,222                      | 146                           | 465                       | 346                       | 528          | 983                         | 364                 | 1,334         | 1,928         | 2,644         | 1,316         | 1,592         | 4,014            | 1,616         |
| 18 to 22 years .....                                                     | 2,924                      | 63                            | 239                       | 270                       | 233          | 405                         | 200                 | 691           | 766           | 1,059         | 409           | 588           | 1,562            | 774           |
| 23 to 27 years .....                                                     | 1,278                      | 26                            | 78                        | 131                       | 168          | 156                         | 78                  | 300           | 259           | 498           | 221           | 280           | 776              | 221           |
| 28 to 32 years .....                                                     | 32,975                     | 1,259                         | 1,103                     | 3,411                     | 3,230        | 3,458                       | 1,935               | 5,357         | 7,512         | 12,104        | 8,002         | 8,296         | 19,336           | 5,342         |
| 33 years or more .....                                                   | 1,570                      | 3                             | 53                        | 251                       | 166          | 688                         | 253                 | 280           | 357           | 581           | 352           | 406           | 755              | 409           |
| Variable .....                                                           | 165                        | 6                             | 11                        | 16                        | 10           | 62                          | 15                  | 22            | 38            | 77            | 28            | 40            | 93               | 31            |
| <b>Median (years)</b> .....                                              | <b>30</b>                  | <b>30</b>                     | <b>30</b>                 | <b>30</b>                 | <b>30</b>    | <b>30</b>                   | <b>30</b>           | <b>30</b>     | <b>30</b>     | <b>30</b>     | <b>30</b>     | <b>30</b>     | <b>30</b>        | <b>30</b>     |
| <b>Remaining Years Mortgaged</b>                                         |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Less than 8 years .....                                                  | 6,905                      | 37                            | 658                       | 685                       | 535          | 1,838                       | 658                 | 1,358         | 1,695         | 2,649         | 1,202         | 1,604         | 3,518            | 1,782         |
| 8 to 12 years .....                                                      | 4,897                      | 69                            | 380                       | 440                       | 440          | 844                         | 412                 | 976           | 1,206         | 1,951         | 763           | 1,081         | 2,728            | 1,088         |
| 13 to 17 years .....                                                     | 6,078                      | 105                           | 337                       | 601                       | 487          | 827                         | 339                 | 1,149         | 1,598         | 2,182         | 1,150         | 1,355         | 3,485            | 1,238         |
| 18 to 22 years .....                                                     | 6,511                      | 48                            | 324                       | 732                       | 717          | 757                         | 406                 | 1,127         | 1,557         | 2,563         | 1,264         | 1,513         | 3,917            | 1,081         |
| 23 to 27 years .....                                                     | 12,904                     | 427                           | 401                       | 1,321                     | 1,438        | 1,045                       | 750                 | 2,053         | 2,964         | 4,819         | 3,069         | 3,234         | 7,538            | 2,132         |
| 28 to 32 years .....                                                     | 10,563                     | 858                           | 157                       | 728                       | 849          | 720                         | 437                 | 1,655         | 2,336         | 3,450         | 3,122         | 2,715         | 6,246            | 1,602         |
| 33 years or more .....                                                   | 197                        | 1                             | 2                         | 16                        | 45           | 14                          | 24                  | 34            | 17            | 54            | 92            | 53            | 117              | 27            |
| Variable .....                                                           | 239                        | 15                            | 11                        | 20                        | 14           | 79                          | 21                  | 38            | 51            | 106           | 45            | 52            | 139              | 49            |
| <b>Median (years)</b> .....                                              | <b>22</b>                  | <b>28</b>                     | <b>14</b>                 | <b>21</b>                 | <b>23</b>    | <b>14</b>                   | <b>19</b>           | <b>21</b>     | <b>22</b>     | <b>22</b>     | <b>24</b>     | <b>23</b>     | <b>23</b>        | <b>19</b>     |

See footnotes at end of table.

Table C-14A-00.

**Mortgage Characteristics—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                            | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |         |         | Inside MSA   |                  | Outside MSA |
|--------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|---------|---------|--------------|------------------|-------------|
|                                            |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South   | West    | Central city | Not central city |             |
|                                            |                            |                               |                           |                           |          |                             |                     |            |         |         |         |              |                  |             |
| Current Interest Rate                      |                            |                               |                           |                           |          |                             |                     |            |         |         |         |              |                  |             |
| Less than 3 percent . . . . .              | 1,219                      | 42                            | 117                       | 170                       | 204      | 196                         | 160                 | 181        | 193     | 510     | 334     | 281          | 729              | 210         |
| 3 to 3.9 percent . . . . .                 | 2,916                      | 102                           | 51                        | 182                       | 237      | 345                         | 144                 | 439        | 746     | 892     | 839     | 682          | 1,763            | 470         |
| 4 to 4.9 percent . . . . .                 | 12,647                     | 653                           | 245                       | 813                       | 912      | 1,311                       | 560                 | 2,194      | 3,089   | 4,203   | 3,161   | 3,014        | 7,468            | 2,166       |
| 5 to 5.9 percent . . . . .                 | 15,652                     | 509                           | 578                       | 1,312                     | 1,410    | 1,846                       | 879                 | 2,918      | 3,659   | 5,417   | 3,658   | 3,738        | 9,223            | 2,691       |
| 6 to 6.9 percent . . . . .                 | 9,584                      | 160                           | 400                       | 1,083                     | 1,003    | 1,403                       | 663                 | 1,632      | 2,339   | 3,907   | 1,705   | 2,340        | 5,326            | 1,917       |
| 7 to 7.9 percent . . . . .                 | 3,012                      | 25                            | 268                       | 441                       | 380      | 494                         | 239                 | 523        | 675     | 1,345   | 469     | 748          | 1,602            | 662         |
| 8 percent or more . . . . .                | 2,559                      | 59                            | 608                       | 466                       | 296      | 475                         | 377                 | 389        | 534     | 1,262   | 374     | 623          | 1,142            | 795         |
| Not reported . . . . .                     | 705                        | 11                            | 3                         | 77                        | 82       | 55                          | 26                  | 114        | 188     | 238     | 166     | 180          | 436              | 89          |
| Median (percent) . . . . .                 | 5.3                        | 4.9                           | 6.0                       | 5.5                       | 5.4      | 5.4                         | 5.4                 | 5.3        | 5.3     | 5.3     | 5.0     | 5.3          | 5.2              | 5.3         |
| Total Outstanding Principal Amount         |                            |                               |                           |                           |          |                             |                     |            |         |         |         |              |                  |             |
| Less than \$10,000 . . . . .               | 968                        | 7                             | 236                       | 105                       | 93       | 227                         | 132                 | 140        | 248     | 415     | 166     | 228          | 403              | 337         |
| \$10,000 to \$19,999 . . . . .             | 1,141                      | 9                             | 218                       | 112                       | 116      | 264                         | 135                 | 196        | 286     | 525     | 134     | 273          | 503              | 365         |
| \$20,000 to \$29,999 . . . . .             | 1,216                      | 17                            | 167                       | 111                       | 114      | 267                         | 114                 | 211        | 315     | 545     | 144     | 294          | 550              | 372         |
| \$30,000 to \$39,999 . . . . .             | 1,488                      | 14                            | 195                       | 168                       | 72       | 318                         | 116                 | 243        | 481     | 615     | 149     | 323          | 676              | 489         |
| \$40,000 to \$49,999 . . . . .             | 1,364                      | 4                             | 92                        | 180                       | 96       | 290                         | 99                  | 221        | 422     | 530     | 191     | 294          | 649              | 420         |
| \$50,000 to \$59,999 . . . . .             | 1,596                      | 13                            | 88                        | 179                       | 151      | 249                         | 118                 | 256        | 539     | 627     | 174     | 407          | 751              | 438         |
| \$60,000 to \$69,999 . . . . .             | 1,712                      | 17                            | 125                       | 137                       | 186      | 260                         | 101                 | 241        | 596     | 654     | 221     | 413          | 877              | 423         |
| \$70,000 to \$79,999 . . . . .             | 1,609                      | 6                             | 47                        | 155                       | 144      | 196                         | 69                  | 204        | 525     | 700     | 180     | 402          | 829              | 377         |
| \$80,000 to \$99,999 . . . . .             | 3,424                      | 68                            | 99                        | 343                       | 287      | 410                         | 217                 | 455        | 1,060   | 1,379   | 531     | 817          | 1,905            | 703         |
| \$100,000 to \$119,999 . . . . .           | 3,057                      | 63                            | 54                        | 255                       | 276      | 293                         | 134                 | 425        | 961     | 1,144   | 528     | 749          | 1,797            | 511         |
| \$120,000 to \$149,999 . . . . .           | 4,265                      | 158                           | 75                        | 314                       | 413      | 330                         | 169                 | 675        | 1,141   | 1,572   | 877     | 1,008        | 2,583            | 673         |
| \$150,000 to \$199,999 . . . . .           | 4,905                      | 193                           | 49                        | 401                       | 446      | 370                         | 139                 | 899        | 1,032   | 1,572   | 1,402   | 1,150        | 3,121            | 634         |
| \$200,000 to \$249,999 . . . . .           | 3,098                      | 186                           | 8                         | 185                       | 280      | 252                         | 85                  | 713        | 526     | 864     | 995     | 743          | 2,054            | 301         |
| \$250,000 to \$299,999 . . . . .           | 1,968                      | 131                           | 4                         | 113                       | 200      | 142                         | 50                  | 381        | 262     | 544     | 781     | 472          | 1,367            | 129         |
| \$300,000 or more . . . . .                | 4,111                      | 235                           | 1                         | 248                       | 430      | 245                         | 95                  | 953        | 340     | 895     | 1,925   | 1,108        | 2,809            | 194         |
| Not reported . . . . .                     | 12,371                     | 440                           | 814                       | 1,537                     | 1,223    | 2,010                       | 1,275               | 2,178      | 2,690   | 5,192   | 2,311   | 2,926        | 6,812            | 2,634       |
| Median (dollars) . . . . .                 | 120,000                    | 198,000                       | 34,000                    | 100,000                   | 128,000  | 79,000                      | 80,000              | 140,000    | 97,000  | 102,000 | 180,000 | 122,000      | 135,000          | 78,000      |
| Current Total Loan as Percent of Value     |                            |                               |                           |                           |          |                             |                     |            |         |         |         |              |                  |             |
| Less than 20 percent . . . . .             | 3,237                      | 21                            | 131                       | 237                       | 230      | 865                         | 206                 | 752        | 653     | 1,094   | 738     | 775          | 1,750            | 713         |
| 20 to 39 percent . . . . .                 | 4,589                      | 54                            | 123                       | 286                       | 357      | 877                         | 247                 | 953        | 1,048   | 1,601   | 987     | 1,021        | 2,720            | 848         |
| 40 to 59 percent . . . . .                 | 5,691                      | 132                           | 153                       | 443                       | 430      | 749                         | 248                 | 1,208      | 1,360   | 1,940   | 1,183   | 1,342        | 3,274            | 1,075       |
| 60 to 79 percent . . . . .                 | 7,663                      | 271                           | 189                       | 498                       | 624      | 658                         | 295                 | 1,353      | 1,978   | 2,829   | 1,504   | 1,889        | 4,390            | 1,384       |
| 80 to 89 percent . . . . .                 | 3,878                      | 130                           | 93                        | 314                       | 305      | 216                         | 155                 | 628        | 1,047   | 1,396   | 806     | 953          | 2,187            | 738         |
| 90 to 99 percent . . . . .                 | 3,744                      | 227                           | 86                        | 343                       | 311      | 189                         | 136                 | 470        | 1,022   | 1,316   | 936     | 953          | 2,167            | 625         |
| 100 percent or more . . . . .              | 6,823                      | 280                           | 496                       | 857                       | 1,029    | 503                         | 449                 | 805        | 1,532   | 2,316   | 2,170   | 1,717        | 4,210            | 896         |
| Not reported . . . . .                     | 12,668                     | 445                           | 998                       | 1,564                     | 1,239    | 2,066                       | 1,312               | 2,219      | 2,784   | 5,282   | 2,382   | 2,956        | 6,991            | 2,721       |
| Median (percent) . . . . .                 | 71                         | 85                            | 85                        | 80                        | 80       | 46                          | 71                  | 62         | 73      | 72      | 76      | 73           | 72               | 66          |
| Payment Plan of Primary Mortgage           |                            |                               |                           |                           |          |                             |                     |            |         |         |         |              |                  |             |
| Fixed payment, self-amortizing . . . . .   | 38,797                     | 1,353                         | 1,676                     | 3,392                     | 3,606    | 4,432                       | 2,042               | 6,787      | 9,451   | 14,010  | 8,548   | 9,329        | 22,453           | 7,014       |
| Adjustable rate mortgage . . . . .         | 1,455                      | 17                            | 35                        | 149                       | 149      | 166                         | 95                  | 199        | 337     | 512     | 408     | 369          | 875              | 211         |
| Adjustable term mortgage . . . . .         | 108                        | 3                             | 3                         | 14                        | 9        | 39                          | 13                  | 19         | 29      | 44      | 17      | 22           | 64               | 22          |
| Graduated payment mortgage . . . . .       | 117                        | 2                             | 7                         | 19                        | 11       | 18                          | 12                  | 18         | 40      | 28      | 31      | 25           | 64               | 27          |
| Balloon . . . . .                          | 271                        | 6                             | 4                         | 39                        | 34       | 31                          | 24                  | 26         | 53      | 100     | 93      | 83           | 152              | 36          |
| Payment option . . . . .                   | 173                        | Z                             | 8                         | 32                        | 28       | 34                          | 22                  | 35         | 20      | 64      | 54      | 59           | 93               | 21          |
| Interest only . . . . .                    | 223                        | 2                             | 2                         | 30                        | 42       | 24                          | 10                  | 32         | 28      | 59      | 104     | 72           | 127              | 25          |
| Other . . . . .                            | 684                        | 14                            | 17                        | 124                       | 84       | 97                          | 53                  | 110        | 139     | 269     | 167     | 209          | 370              | 105         |
| Combination of the above . . . . .         | 174                        | 4                             | 13                        | 18                        | 21       | 35                          | 18                  | 21         | 18      | 66      | 70      | 41           | 120              | 13          |
| Not reported . . . . .                     | 6,291                      | 160                           | 504                       | 727                       | 541      | 1,248                       | 758                 | 1,144      | 1,311   | 2,622   | 1,215   | 1,397        | 3,369            | 1,526       |
| Payment Plan of Secondary Mortgage         |                            |                               |                           |                           |          |                             |                     |            |         |         |         |              |                  |             |
| Units with two or more mortgages . . . . . | 3,354                      | 53                            | 45                        | 258                       | 335      | 275                         | 122                 | 609        | 820     | 1,078   | 847     | 807          | 2,053            | 494         |
| Fixed payment, self-amortizing . . . . .   | 2,727                      | 30                            | 43                        | 214                       | 255      | 204                         | 85                  | 493        | 652     | 897     | 685     | 653          | 1,691            | 384         |
| Adjustable rate mortgage . . . . .         | 128                        | 3                             | Z                         | 3                         | 17       | 12                          | 4                   | 28         | 37      | 33      | 31      | 27           | 87               | 15          |
| Adjustable term mortgage . . . . .         | 45                         | Z                             | Z                         | 4                         | 1        | 6                           | 5                   | 10         | 9       | 16      | 9       | 8            | 29               | 8           |
| Graduated payment mortgage . . . . .       | 37                         | Z                             | Z                         | 5                         | 4        | 4                           | 1                   | Z          | 15      | 5       | 17      | 12           | 20               | 5           |
| Balloon . . . . .                          | 22                         | Z                             | Z                         | 1                         | 2        | 5                           | 2                   | 4          | 8       | 5       | 5       | 2            | 15               | 4           |
| Payment option . . . . .                   | 39                         | Z                             | Z                         | 4                         | 4        | 7                           | 5                   | 17         | 12      | 5       | 4       | 5            | 22               | 12          |
| Interest only . . . . .                    | 41                         | 1                             | Z                         | Z                         | 6        | 1                           | 4                   | 10         | 12      | 6       | 13      | 12           | 26               | 4           |
| Other . . . . .                            | 64                         | 2                             | Z                         | 6                         | 13       | 1                           | 2                   | 8          | 18      | 19      | 19      | 22           | 33               | 8           |
| Combination of the above . . . . .         | 44                         | 9                             | Z                         | Z                         | 5        | 13                          | 1                   | 6          | 4       | 20      | 14      | 10           | 22               | 12          |
| Not reported . . . . .                     | 207                        | 8                             | 2                         | 21                        | 27       | 22                          | 13                  | 32         | 53      | 73      | 49      | 56           | 109              | 42          |

See footnotes at end of table.

Table C-14A-00.

**Mortgage Characteristics—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                    | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |        |        | Inside MSA   |                  |        | Outside MSA |
|--------------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|--------|--------|--------------|------------------|--------|-------------|
|                                                                    |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South  | West   | Central city | Not central city |        |             |
| Monthly Mortgage Payment                                           |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |        |             |
| \$0 to \$249 . . . . .                                             | 1,954                      | 49                            | 420                       | 233                       | 173      | 581                         | 360                 | 290        | 539     | 837    | 288    | 464          | 900              | 590    |             |
| \$250 to \$499 . . . . .                                           | 5,453                      | 82                            | 884                       | 710                       | 466      | 1,188                       | 749                 | 714        | 1,548   | 2,546  | 644    | 1,246        | 2,166            | 2,041  |             |
| \$500 to \$749 . . . . .                                           | 7,921                      | 145                           | 553                       | 870                       | 802      | 1,305                       | 675                 | 951        | 2,430   | 3,446  | 1,094  | 1,897        | 3,788            | 2,235  |             |
| \$750 to \$999 . . . . .                                           | 7,782                      | 207                           | 202                       | 800                       | 680      | 854                         | 359                 | 1,117      | 2,221   | 3,059  | 1,385  | 1,933        | 4,329            | 1,520  |             |
| \$1,000 to \$1,249 . . . . .                                       | 6,905                      | 239                           | 118                       | 596                       | 634      | 712                         | 321                 | 1,001      | 1,792   | 2,467  | 1,644  | 1,708        | 4,177            | 1,020  |             |
| \$1,250 to \$1,499 . . . . .                                       | 4,612                      | 182                           | 27                        | 348                       | 453      | 364                         | 177                 | 834        | 927     | 1,612  | 1,239  | 1,115        | 2,966            | 531    |             |
| \$1,500 to \$1,749 . . . . .                                       | 4,107                      | 172                           | 44                        | 334                       | 429      | 333                         | 132                 | 924        | 804     | 1,267  | 1,112  | 963          | 2,735            | 410    |             |
| \$1,750 to \$1,999 . . . . .                                       | 2,265                      | 124                           | 5                         | 145                       | 214      | 209                         | 83                  | 577        | 349     | 641    | 699    | 512          | 1,539            | 214    |             |
| \$2,000 to \$2,249 . . . . .                                       | 2,345                      | 86                            | 4                         | 177                       | 234      | 186                         | 55                  | 680        | 318     | 590    | 757    | 540          | 1,665            | 140    |             |
| \$2,250 to \$2,499 . . . . .                                       | 1,249                      | 61                            | 1                         | 89                        | 116      | 99                          | 34                  | 336        | 136     | 321    | 455    | 310          | 866              | 72     |             |
| \$2,500 to \$2,749 . . . . .                                       | 1,041                      | 57                            | 5                         | 80                        | 109      | 90                          | 28                  | 269        | 107     | 287    | 377    | 237          | 711              | 93     |             |
| \$2,750 to \$2,999 . . . . .                                       | 621                        | 35                            | Z                         | 46                        | 62       | 37                          | 15                  | 179        | 67      | 162    | 213    | 131          | 460              | 29     |             |
| \$3,000 or more . . . . .                                          | 2,041                      | 121                           | 6                         | 116                       | 152      | 165                         | 59                  | 519        | 185     | 539    | 798    | 550          | 1,386            | 105    |             |
| Not reported . . . . .                                             | Z                          | Z                             | Z                         | Z                         | Z        | Z                           | Z                   | Z          | Z       | Z      | Z      | Z            | Z                | Z      |             |
| Median (dollars) . . . . .                                         | 1,015                      | 1,300                         | 441                       | 876                       | 1,052    | 747                         | 624                 | 1,289      | 873     | 900    | 1,300  | 1,016        | 1,154            | 700    |             |
| Monthly Mortgage Payment as Percent of Current Income <sup>3</sup> |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |        |             |
| Less than 5 percent . . . . .                                      | 1,943                      | 59                            | 265                       | 189                       | 139      | 342                         | 76                  | 351        | 478     | 795    | 318    | 487          | 1,012            | 444    |             |
| 5 to 9 percent . . . . .                                           | 6,426                      | 123                           | 441                       | 508                       | 328      | 704                         | 37                  | 1,066      | 1,826   | 2,580  | 953    | 1,359        | 3,453            | 1,614  |             |
| 10 to 14 percent . . . . .                                         | 9,586                      | 322                           | 477                       | 693                       | 631      | 916                         | 114                 | 1,614      | 2,747   | 3,619  | 1,606  | 2,158        | 5,441            | 1,987  |             |
| 15 to 19 percent . . . . .                                         | 8,655                      | 320                           | 339                       | 681                       | 736      | 897                         | 69                  | 1,387      | 2,184   | 3,144  | 1,940  | 2,058        | 5,053            | 1,545  |             |
| 20 to 24 percent . . . . .                                         | 6,190                      | 226                           | 175                       | 597                       | 622      | 697                         | 76                  | 1,128      | 1,340   | 2,180  | 1,542  | 1,520        | 3,685            | 985    |             |
| 25 to 29 percent . . . . .                                         | 4,164                      | 188                           | 150                       | 482                       | 432      | 568                         | 127                 | 731        | 818     | 1,509  | 1,106  | 1,101        | 2,363            | 700    |             |
| 30 to 34 percent . . . . .                                         | 2,664                      | 76                            | 102                       | 285                       | 375      | 362                         | 117                 | 516        | 517     | 830    | 801    | 675          | 1,583            | 407    |             |
| 35 to 39 percent . . . . .                                         | 1,691                      | 47                            | 39                        | 188                       | 217      | 307                         | 92                  | 321        | 350     | 571    | 450    | 406          | 1,043            | 242    |             |
| 40 to 49 percent . . . . .                                         | 2,058                      | 58                            | 54                        | 249                       | 278      | 347                         | 217                 | 375        | 363     | 725    | 595    | 529          | 1,251            | 278    |             |
| 50 to 59 percent . . . . .                                         | 1,006                      | 25                            | 41                        | 114                       | 160      | 181                         | 128                 | 147        | 167     | 384    | 309    | 283          | 572              | 151    |             |
| 60 to 69 percent . . . . .                                         | 697                        | 38                            | 22                        | 94                        | 127      | 124                         | 124                 | 127        | 113     | 258    | 199    | 183          | 405              | 108    |             |
| 70 to 99 percent . . . . .                                         | 1,006                      | 20                            | 63                        | 150                       | 142      | 223                         | 312                 | 186        | 167     | 341    | 312    | 276          | 543              | 186    |             |
| 100 percent or more <sup>4</sup> . . . . .                         | 1,706                      | 56                            | 44                        | 228                       | 244      | 415                         | 1,106               | 377        | 262     | 580    | 488    | 449          | 1,018            | 239    |             |
| Zero or negative income . . . . .                                  | 501                        | 4                             | 57                        | 86                        | 95       | 42                          | 453                 | 62         | 92      | 259    | 88     | 124          | 265              | 113    |             |
| OWNERS WITH ONE OR MORE HOME-EQUITY LINE-OF-CREDIT MORTGAGES       |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |        |             |
| Total . . . . .                                                    | 4,762                      | 54                            | 50                        | 236                       | 249      | 915                         | 163                 | 1,103      | 1,151   | 1,340  | 1,169  | 989          | 3,046            | 728    |             |
| Total Home-Equity Line-of-Credit Limit                             |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |        |             |
| Less than \$10,000 . . . . .                                       | 85                         | Z                             | Z                         | 11                        | 8        | 12                          | 13                  | 19         | 32      | 19     | 15     | 26           | 40               | 19     |             |
| \$10,000 to \$19,999 . . . . .                                     | 393                        | 5                             | 8                         | 25                        | 12       | 57                          | 16                  | 74         | 143     | 111    | 65     | 75           | 246              | 71     |             |
| \$20,000 to \$29,999 . . . . .                                     | 501                        | 8                             | 6                         | 20                        | 32       | 83                          | 18                  | 87         | 193     | 137    | 85     | 101          | 307              | 94     |             |
| \$30,000 to \$39,999 . . . . .                                     | 433                        | 13                            | 8                         | 19                        | 12       | 79                          | 13                  | 89         | 124     | 136    | 83     | 89           | 248              | 96     |             |
| \$40,000 to \$49,999 . . . . .                                     | 296                        | Z                             | Z                         | 9                         | 15       | 39                          | 15                  | 67         | 103     | 67     | 58     | 60           | 179              | 57     |             |
| \$50,000 to \$59,999 . . . . .                                     | 488                        | 1                             | 10                        | 26                        | 24       | 105                         | 12                  | 110        | 126     | 137    | 116    | 114          | 313              | 62     |             |
| \$60,000 to \$69,999 . . . . .                                     | 229                        | 4                             | 10                        | 12                        | 8        | 35                          | 4                   | 70         | 47      | 62     | 50     | 28           | 154              | 47     |             |
| \$70,000 to \$79,999 . . . . .                                     | 253                        | 4                             | 3                         | 4                         | 14       | 37                          | 8                   | 52         | 46      | 93     | 63     | 52           | 148              | 53     |             |
| \$80,000 to \$99,999 . . . . .                                     | 237                        | 3                             | 2                         | 9                         | 15       | 53                          | 8                   | 55         | 33      | 68     | 81     | 60           | 142              | 34     |             |
| \$100,000 to \$119,999 . . . . .                                   | 452                        | 6                             | Z                         | 13                        | 26       | 106                         | 11                  | 120        | 85      | 114    | 134    | 100          | 310              | 42     |             |
| \$120,000 to \$149,999 . . . . .                                   | 182                        | Z                             | Z                         | 12                        | 12       | 37                          | 3                   | 44         | 33      | 53     | 51     | 24           | 139              | 19     |             |
| \$150,000 or more . . . . .                                        | 685                        | 6                             | Z                         | 25                        | 37       | 149                         | 18                  | 177        | 82      | 161    | 265    | 150          | 480              | 55     |             |
| Not reported . . . . .                                             | 529                        | 4                             | 3                         | 53                        | 34       | 124                         | 24                  | 140        | 102     | 182    | 104    | 110          | 340              | 78     |             |
| Median (dollars) . . . . .                                         | 50,000                     | 35,000                        | 50,000                    | 50,000                    | 60,000   | 65,000                      | 40,000              | 60,000     | 40,000  | 50,000 | 78,000 | 50,000       | 60,000           | 45,000 |             |
| Total Outstanding Line-of-Credit Loans                             |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |        |             |
| Outstanding loan(s) . . . . .                                      | 3,169                      | 20                            | 29                        | 147                       | 162      | 578                         | 103                 | 684        | 824     | 845    | 816    | 652          | 2,028            | 489    |             |
| Less than \$10,000 . . . . .                                       | 444                        | Z                             | 8                         | 32                        | 16       | 84                          | 11                  | 103        | 135     | 125    | 82     | 85           | 279              | 81     |             |
| \$10,000 to \$19,999 . . . . .                                     | 498                        | 4                             | 6                         | 21                        | 35       | 97                          | 15                  | 101        | 176     | 139    | 82     | 100          | 318              | 79     |             |
| \$20,000 to \$29,999 . . . . .                                     | 386                        | 4                             | 3                         | 13                        | 9        | 65                          | 12                  | 74         | 115     | 119    | 77     | 92           | 226              | 68     |             |
| \$30,000 to \$39,999 . . . . .                                     | 287                        | 2                             | Z                         | 8                         | 9        | 29                          | 5                   | 61         | 86      | 76     | 65     | 56           | 172              | 59     |             |
| \$40,000 to \$49,999 . . . . .                                     | 266                        | Z                             | 10                        | 11                        | 17       | 46                          | 9                   | 63         | 58      | 76     | 69     | 42           | 193              | 32     |             |
| \$50,000 to \$59,999 . . . . .                                     | 167                        | 1                             | 2                         | 8                         | 9        | 30                          | 10                  | 36         | 52      | 39     | 40     | 32           | 107              | 28     |             |
| \$60,000 to \$69,999 . . . . .                                     | 146                        | 4                             | Z                         | 6                         | 6        | 35                          | 3                   | 45         | 37      | 24     | 39     | 25           | 91               | 29     |             |
| \$70,000 to \$79,999 . . . . .                                     | 118                        | Z                             | Z                         | 2                         | 11       | 17                          | 6                   | 29         | 16      | 22     | 50     | 32           | 72               | 13     |             |
| \$80,000 to \$99,999 . . . . .                                     | 167                        | 1                             | Z                         | 18                        | 12       | 31                          | 2                   | 35         | 27      | 49     | 56     | 39           | 119              | 9      |             |
| \$100,000 to \$119,999 . . . . .                                   | 109                        | Z                             | Z                         | Z                         | 6        | 20                          | 5                   | 14         | 10      | 36     | 50     | 41           | 58               | 10     |             |
| \$120,000 to \$149,999 . . . . .                                   | 114                        | 1                             | Z                         | 2                         | 12       | 20                          | 2                   | 24         | 11      | 27     | 52     | 24           | 77               | 13     |             |
| \$150,000 or more . . . . .                                        | 203                        | 2                             | Z                         | 10                        | 10       | 28                          | 5                   | 44         | 26      | 36     | 96     | 34           | 147              | 22     |             |
| Not reported . . . . .                                             | 265                        | 1                             | Z                         | 14                        | 9        | 77                          | 16                  | 53         | 75      | 78     | 59     | 49           | 167              | 48     |             |
| Median (dollars) . . . . .                                         | 33,000                     | 35,000                        | 26,000                    | 29,000                    | 44,000   | 30,000                      | 33,467              | 34,600     | 25,000  | 30,000 | 50,000 | 33,000       | 36,000           | 25,187 |             |

See footnotes at end of table.

Table C-14A-00.

**Mortgage Characteristics—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                         | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |       |      | Inside MSA   |                  | Outside MSA |
|-------------------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|-------|------|--------------|------------------|-------------|
|                                                                         |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South | West | Central city | Not central city |             |
| Current Line-of-Credit Interest Rate                                    |                            |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| Outstanding loan(s) . . . . .                                           | 3,169                      | 20                            | 29                        | 147                       | 162      | 578                         | 103                 | 684        | 824     | 845   | 816  | 652          | 2,028            | 489         |
| Less than 3 percent . . . . .                                           | 400                        | 3                             | 2                         | 6                         | 15       | 89                          | 5                   | 126        | 76      | 86    | 112  | 83           | 287              | 29          |
| 3 to 3.9 percent . . . . .                                              | 702                        | 6                             | 5                         | 25                        | 39       | 153                         | 9                   | 187        | 159     | 182   | 174  | 134          | 459              | 109         |
| 4 to 4.9 percent . . . . .                                              | 638                        | 6                             | 3                         | 10                        | 28       | 89                          | 25                  | 130        | 166     | 164   | 178  | 147          | 362              | 128         |
| 5 to 5.9 percent . . . . .                                              | 330                        | 3                             | 3                         | 14                        | 19       | 58                          | 12                  | 55         | 114     | 76    | 85   | 69           | 217              | 43          |
| 6 to 6.9 percent . . . . .                                              | 230                        | 1                             | 2                         | 26                        | 15       | 32                          | 8                   | 22         | 72      | 80    | 56   | 52           | 126              | 51          |
| 7 to 7.9 percent . . . . .                                              | 112                        | Z                             | 4                         | 5                         | 4        | 9                           | 6                   | 12         | 34      | 31    | 34   | 16           | 76               | 19          |
| 8 percent or more . . . . .                                             | 126                        | Z                             | 3                         | 17                        | 13       | 9                           | 3                   | 16         | 31      | 47    | 32   | 22           | 80               | 24          |
| Not reported . . . . .                                                  | 632                        | 1                             | 8                         | 43                        | 29       | 139                         | 35                  | 136        | 171     | 180   | 146  | 128          | 420              | 84          |
| Median (percent) . . . . .                                              | 4.0                        | 4.1                           | 5.8                       | 5.5                       | 4.1      | 3.5                         | 4.5                 | 3.5        | 4.4     | 4.1   | 4.0  | 4.0          | 4.0              | 4.3         |
| Line-of-Credit Monthly Payment                                          |                            |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| Outstanding loan(s) . . . . .                                           | 3,169                      | 20                            | 29                        | 147                       | 162      | 578                         | 103                 | 684        | 824     | 845   | 816  | 652          | 2,028            | 489         |
| Less than \$100 . . . . .                                               | 447                        | 1                             | 3                         | 11                        | 14       | 89                          | 19                  | 99         | 137     | 109   | 102  | 88           | 284              | 75          |
| \$100 to \$199 . . . . .                                                | 662                        | 4                             | 6                         | 19                        | 29       | 98                          | 16                  | 127        | 214     | 174   | 148  | 134          | 418              | 110         |
| \$200 to \$249 . . . . .                                                | 335                        | 5                             | 2                         | 17                        | 15       | 65                          | 12                  | 88         | 102     | 70    | 75   | 71           | 215              | 49          |
| \$250 to \$299 . . . . .                                                | 208                        | 4                             | Z                         | 11                        | 8        | 31                          | 5                   | 41         | 54      | 65    | 48   | 48           | 134              | 25          |
| \$300 to \$349 . . . . .                                                | 272                        | 1                             | 1                         | 23                        | 28       | 51                          | 8                   | 38         | 67      | 81    | 86   | 72           | 169              | 30          |
| \$350 to \$399 . . . . .                                                | 129                        | Z                             | Z                         | 1                         | 8        | 20                          | 6                   | 29         | 15      | 50    | 35   | 26           | 90               | 14          |
| \$400 to \$449 . . . . .                                                | 167                        | Z                             | 5                         | 10                        | 10       | 36                          | 8                   | 34         | 44      | 42    | 46   | 38           | 102              | 27          |
| \$450 to \$499 . . . . .                                                | 72                         | 3                             | Z                         | 6                         | 2        | 16                          | 5                   | 14         | 9       | 27    | 23   | 12           | 45               | 15          |
| \$500 to \$599 . . . . .                                                | 210                        | Z                             | 3                         | 18                        | 6        | 47                          | 7                   | 51         | 45      | 54    | 60   | 58           | 128              | 24          |
| \$600 to \$699 . . . . .                                                | 116                        | 1                             | 3                         | 8                         | 6        | 16                          | 3                   | 21         | 20      | 40    | 35   | 20           | 79               | 18          |
| \$700 to \$799 . . . . .                                                | 68                         | Z                             | 3                         | 3                         | 6        | 11                          | 2                   | 24         | 16      | 6     | 21   | 7            | 51               | 10          |
| \$800 to \$999 . . . . .                                                | 76                         | Z                             | 3                         | Z                         | 5        | 18                          | 2                   | 17         | 15      | 14    | 30   | 13           | 52               | 11          |
| \$1,000 or more . . . . .                                               | 212                        | Z                             | Z                         | 17                        | 9        | 35                          | 7                   | 51         | 44      | 54    | 63   | 25           | 149              | 38          |
| Not reported . . . . .                                                  | 195                        | 2                             | Z                         | 4                         | 13       | 45                          | 3                   | 49         | 43      | 58    | 44   | 39           | 112              | 43          |
| Median (dollars) . . . . .                                              | 250                        | 207                           | 400                       | 325                       | 300      | 260                         | 281                 | 250        | 200     | 275   | 300  | 250          | 250              | 224         |
| Line-of-Credit Amount Used for Home Additions, Improvements, or Repairs |                            |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| Outstanding loan(s) . . . . .                                           | 3,169                      | 20                            | 29                        | 147                       | 162      | 578                         | 103                 | 684        | 824     | 845   | 816  | 652          | 2,028            | 489         |
| Yes . . . . .                                                           | 1,724                      | 4                             | 10                        | 78                        | 96       | 307                         | 46                  | 373        | 440     | 488   | 424  | 386          | 1,067            | 271         |
| No . . . . .                                                            | 1,400                      | 16                            | 19                        | 60                        | 63       | 264                         | 57                  | 297        | 380     | 342   | 381  | 251          | 938              | 210         |
| Not reported . . . . .                                                  | 45                         | Z                             | Z                         | 8                         | 2        | 7                           | Z                   | 15         | 3       | 16    | 11   | 15           | 23               | 7           |

<sup>1</sup> Regular mortgages include all mortgages not classified as home-equity credit lines or reverse annuity mortgages.<sup>2</sup> Figures may not add to total because more than one category may apply to a unit.<sup>3</sup> This item uses current income in its calculation; see Appendix A.<sup>4</sup> May reflect a temporary situation, living off savings, or response error.

Table C-14B-00.

**Additional Mortgage Characteristics—Owner-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                          | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |              |                             |                     | Regions       |               |               |               | Inside MSA    |                  | Outside MSA   |
|--------------------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|--------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                                          |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic     | Elderly (65 years and over) | Below poverty level | North-east    | Midwest       | South         | West          | Central city  | Not central city |               |
| <b>Total</b> .....                                                       | <b>76,091</b>              | <b>1,898</b>                  | <b>5,678</b>              | <b>6,662</b>              | <b>6,530</b> | <b>20,250</b>               | <b>7,003</b>        | <b>13,480</b> | <b>18,032</b> | <b>29,119</b> | <b>15,460</b> | <b>17,390</b> | <b>41,967</b>    | <b>16,735</b> |
| <b>OWNERS WITH ONE OR MORE REGULAR OR LUMP-SUM HOME-EQUITY MORTGAGES</b> |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| <b>Total</b> .....                                                       | <b>48,294</b>              | <b>1,561</b>                  | <b>2,269</b>              | <b>4,544</b>              | <b>4,525</b> | <b>6,124</b>                | <b>3,048</b>        | <b>8,390</b>  | <b>11,424</b> | <b>17,774</b> | <b>10,706</b> | <b>11,606</b> | <b>27,688</b>    | <b>9,000</b>  |
| <b>Mortgage Origination</b>                                              |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Placed new mortgage(s) .....                                             | 48,005                     | 1,554                         | 2,230                     | 4,491                     | 4,463        | 6,102                       | 3,007               | 8,337         | 11,369        | 17,664        | 10,636        | 11,523        | 27,548           | 8,934         |
| Primary obtained when property acquired .....                            | 28,829                     | 1,292                         | 1,887                     | 3,129                     | 3,110        | 3,121                       | 2,171               | 4,705         | 6,368         | 11,912        | 5,844         | 7,143         | 15,802           | 5,883         |
| Obtained later .....                                                     | 19,177                     | 262                           | 343                       | 1,362                     | 1,353        | 2,981                       | 836                 | 3,632         | 5,001         | 5,751         | 4,792         | 4,380         | 11,746           | 3,051         |
| Assumed .....                                                            | 239                        | 2                             | 34                        | 40                        | 52           | 15                          | 29                  | 43            | 49            | 85            | 62            | 61            | 119              | 59            |
| Wrap-around .....                                                        | 40                         | 5                             | 5                         | 10                        | 9            | 4                           | 9                   | 8             | 5             | 21            | 6             | 16            | 17               | 8             |
| Combination of the above .....                                           | 10                         | Z                             | Z                         | 3                         | 2            | 2                           | 3                   | 1             | 1             | 5             | 3             | 6             | 4                | Z             |
| <b>Lenders of Primary and Secondary Mortgages</b>                        |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Only borrowed from financial institution(s) .....                        | 38,144                     | 1,323                         | 1,479                     | 3,537                     | 3,530        | 4,253                       | 1,990               | 6,520         | 9,316         | 13,914        | 8,393         | 9,213         | 21,999           | 6,932         |
| Only borrowed from seller .....                                          | 316                        | 3                             | 90                        | 24                        | 61           | 37                          | 81                  | 27            | 83            | 151           | 56            | 61            | 134              | 120           |
| Only borrowed from another source .....                                  | 3,991                      | 97                            | 250                       | 340                       | 404          | 604                         | 274                 | 820           | 830           | 1,286         | 1,055         | 974           | 2,356            | 662           |
| Borrowed from financial institution(s) and seller .....                  | 9                          | Z                             | Z                         | Z                         | 1            | Z                           | 5                   | 8             | Z             | Z             | 1             | Z             | 9                | Z             |
| Borrowed from financial institution(s) and another source .....          | 333                        | 1                             | 3                         | 46                        | 42           | 44                          | 22                  | 38            | 72            | 103           | 121           | 98            | 180              | 55            |
| Borrowed from seller and another source .....                            | Z                          | Z                             | Z                         | Z                         | Z            | Z                           | Z                   | Z             | Z             | Z             | Z             | Z             | Z                | Z             |
| One or both sources not reported .....                                   | 5,501                      | 137                           | 447                       | 597                       | 488          | 1,186                       | 676                 | 978           | 1,123         | 2,320         | 1,080         | 1,260         | 3,010            | 1,231         |
| <b>Guarantors of Primary Mortgages</b>                                   |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| FHA .....                                                                | 9,039                      | 331                           | 199                       | 1,453                     | 1,172        | 672                         | 544                 | 1,051         | 1,858         | 3,799         | 2,330         | 2,695         | 5,316            | 1,027         |
| VA .....                                                                 | 1,674                      | 143                           | 59                        | 263                       | 130          | 202                         | 69                  | 142           | 311           | 792           | 429           | 486           | 914              | 274           |
| RHS/RD .....                                                             | 540                        | 26                            | 63                        | 54                        | 34           | 37                          | 67                  | 72            | 145           | 249           | 73            | 40            | 221              | 279           |
| Other types .....                                                        | 31,901                     | 934                           | 1,524                     | 2,197                     | 2,741        | 4,107                       | 1,724               | 6,193         | 8,096         | 10,750        | 6,862         | 7,209         | 18,416           | 6,277         |
| Don't know .....                                                         | 286                        | 10                            | 26                        | 40                        | 39           | 35                          | 54                  | 43            | 69            | 111           | 63            | 91            | 146              | 49            |
| Not reported .....                                                       | 4,854                      | 118                           | 398                       | 536                       | 409          | 1,072                       | 589                 | 888           | 944           | 2,073         | 949           | 1,085         | 2,675            | 1,093         |
| <b>Lower Cost State and Local Mortgages</b>                              |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| State or local program used .....                                        | 1,922                      | 76                            | 77                        | 414                       | 275          | 136                         | 185                 | 326           | 443           | 811           | 342           | 565           | 944              | 412           |
| Not used .....                                                           | 40,896                     | 1,340                         | 1,719                     | 3,501                     | 3,726        | 4,860                       | 2,177               | 7,075         | 9,897         | 14,669        | 9,256         | 9,755         | 23,756           | 7,385         |
| Not reported .....                                                       | 5,476                      | 145                           | 474                       | 629                       | 524          | 1,128                       | 686                 | 989           | 1,084         | 2,294         | 1,109         | 1,286         | 2,987            | 1,203         |
| <b>Information Needed to Obtain Primary Mortgage</b>                     |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Obtained mortgage from firm .....                                        | 27,080                     | 824                           | 1,160                     | 1,790                     | 2,224        | 3,358                       | 1,318               | 5,274         | 7,044         | 9,137         | 5,625         | 6,048         | 15,647           | 5,386         |
| Income and asset verification was not necessary .....                    | 4,546                      | 132                           | 236                       | 254                       | 437          | 755                         | 306                 | 925           | 1,110         | 1,654         | 858           | 1,023         | 2,564            | 958           |
| Income and asset verification was necessary .....                        | 21,803                     | 667                           | 878                       | 1,494                     | 1,724        | 2,466                       | 952                 | 4,187         | 5,784         | 7,227         | 4,605         | 4,871         | 12,652           | 4,280         |
| Not reported .....                                                       | 732                        | 25                            | 46                        | 42                        | 63           | 136                         | 60                  | 162           | 151           | 256           | 162           | 153           | 431              | 148           |
| <b>Reasons for Choosing Primary Mortgage<sup>1,2</sup></b>               |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Interest rate .....                                                      | 15,990                     | 822                           | 594                       | 1,509                     | 1,688        | 1,516                       | 969                 | 2,786         | 3,541         | 6,417         | 3,245         | 3,993         | 9,048            | 2,949         |
| Payment amount .....                                                     | 7,101                      | 319                           | 527                       | 949                       | 893          | 711                         | 584                 | 967           | 1,521         | 3,075         | 1,538         | 1,815         | 3,772            | 1,515         |
| Low closing costs .....                                                  | 4,919                      | 291                           | 200                       | 663                       | 474          | 403                         | 292                 | 746           | 1,172         | 1,960         | 1,041         | 1,296         | 2,724            | 899           |
| Thought future interest rates/payment would go down .....                | 948                        | 33                            | 43                        | 156                       | 96           | 97                          | 92                  | 132           | 214           | 377           | 225           | 281           | 502              | 165           |
| Other reason .....                                                       | 5,530                      | 225                           | 520                       | 523                       | 502          | 737                         | 380                 | 894           | 1,397         | 2,120         | 1,120         | 1,356         | 2,735            | 1,439         |
| Not reported .....                                                       | 6,418                      | 173                           | 525                       | 730                       | 610          | 1,316                       | 774                 | 1,121         | 1,327         | 2,698         | 1,271         | 1,513         | 3,448            | 1,456         |
| <b>Items Included in Primary Mortgage Payment<sup>1</sup></b>            |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Principal and interest only .....                                        | 11,272                     | 295                           | 922                       | 731                       | 861          | 2,098                       | 723                 | 1,847         | 2,909         | 3,739         | 2,777         | 2,303         | 6,358            | 2,611         |
| Property taxes .....                                                     | 28,695                     | 1,026                         | 583                       | 2,837                     | 2,872        | 2,424                       | 1,345               | 5,097         | 6,776         | 10,532        | 6,290         | 7,387         | 16,889           | 4,419         |
| Property insurance .....                                                 | 25,096                     | 906                           | 660                       | 2,593                     | 2,508        | 2,022                       | 1,212               | 3,890         | 5,847         | 9,836         | 5,523         | 6,465         | 14,500           | 4,131         |
| Private mortgage insurance .....                                         | 9,564                      | 391                           | 282                       | 1,215                     | 1,025        | 642                         | 478                 | 1,511         | 2,250         | 3,635         | 2,168         | 2,725         | 5,299            | 1,541         |
| Other .....                                                              | 481                        | 8                             | 14                        | 33                        | 21           | 68                          | 20                  | 104           | 105           | 179           | 94            | 128           | 256              | 98            |
| Not reported .....                                                       | 7,736                      | 192                           | 569                       | 914                       | 786          | 1,421                       | 894                 | 1,353         | 1,577         | 3,229         | 1,577         | 1,858         | 4,252            | 1,626         |

See footnotes at end of table.

Table C-14B-00.

**Additional Mortgage Characteristics—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                                                  | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |        |       | Inside MSA   |                  | Outside MSA |
|--------------------------------------------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|--------|-------|--------------|------------------|-------------|
|                                                                                                  |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South  | West  | Central city | Not central city |             |
|                                                                                                  |                            |                               |                           |                           |          |                             |                     |            |         |        |       |              |                  |             |
| <b>Monthly Payment Change of Primary Mortgage Over Last 12 Months</b>                            |                            |                               |                           |                           |          |                             |                     |            |         |        |       |              |                  |             |
| Units reporting change in mortgage                                                               | 10,164                     | 302                           | 249                       | 1,087                     | 895      | 989                         | 471                 | 1,779      | 2,616   | 3,620  | 2,148 | 2,701        | 5,792            | 1,670       |
| Decreased by \$100 or more                                                                       | 1,497                      | 60                            | 45                        | 196                       | 174      | 148                         | 89                  | 200        | 328     | 543    | 426   | 420          | 910              | 166         |
| Decreased by \$51 to \$99                                                                        | 245                        | 11                            | 6                         | 22                        | 17       | 28                          | 8                   | 33         | 59      | 90     | 63    | 71           | 141              | 33          |
| Decreased by \$50 or less                                                                        | 2,068                      | 31                            | 48                        | 194                       | 150      | 241                         | 73                  | 226        | 551     | 814    | 478   | 539          | 1,172            | 358         |
| Increased by \$50 or less                                                                        | 3,725                      | 81                            | 100                       | 361                       | 244      | 348                         | 170                 | 649        | 1,059   | 1,317  | 700   | 976          | 1,999            | 750         |
| Increased by \$51 to \$99                                                                        | 608                        | 22                            | 23                        | 72                        | 50       | 50                          | 23                  | 141        | 131     | 220    | 116   | 163          | 340              | 105         |
| Increased by \$100 or more                                                                       | 2,020                      | 96                            | 27                        | 242                       | 260      | 174                         | 108                 | 530        | 488     | 637    | 365   | 532          | 1,230            | 258         |
| Increase made payment difficult to afford                                                        | 1,088                      | 44                            | 27                        | 192                       | 161      | 98                          | 115                 | 251        | 266     | 386    | 185   | 307          | 626              | 154         |
| <b>Reason Primary Mortgage Payment Changed Over Last 12 Months</b>                               |                            |                               |                           |                           |          |                             |                     |            |         |        |       |              |                  |             |
| Units reporting change in mortgage¹                                                              | 10,164                     | 302                           | 249                       | 1,087                     | 895      | 989                         | 471                 | 1,779      | 2,616   | 3,620  | 2,148 | 2,701        | 5,792            | 1,670       |
| Lender modified mortgage to prevent foreclosure                                                  | 358                        | 7                             | 7                         | 70                        | 61       | 17                          | 28                  | 77         | 52      | 113    | 117   | 107          | 229              | 22          |
| Mortgage no longer allows you to decide how much to pay                                          | 39                         | Z                             | Z                         | 7                         | 6        | 10                          | 2                   | 10         | 11      | 10     | 8     | 9            | 21               | 9           |
| The minimum payment choice increased                                                             | 177                        | 4                             | Z                         | 29                        | 23       | 20                          | 6                   | 40         | 33      | 53     | 50    | 46           | 101              | 30          |
| Mortgage changed from interest only to interest plus payment in order to reduce mortgage balance | 178                        | Z                             | 3                         | 29                        | 27       | 24                          | 13                  | 23         | 43      | 47     | 66    | 49           | 107              | 23          |
| Mortgage changed from fixed rate to adjustable rate or vice versa                                | 245                        | 6                             | 2                         | 42                        | 20       | 32                          | 26                  | 33         | 54      | 86     | 71    | 64           | 139              | 42          |
| The adjustable interest rate changed                                                             | 1,010                      | 8                             | 21                        | 121                       | 113      | 129                         | 60                  | 154        | 221     | 334    | 300   | 286          | 615              | 109         |
| Property taxes or homeowners insurance changed                                                   | 7,265                      | 230                           | 166                       | 685                       | 564      | 619                         | 261                 | 1,362      | 2,007   | 2,576  | 1,321 | 1,869        | 4,196            | 1,200       |
| Other reason                                                                                     | 1,108                      | 51                            | 49                        | 141                       | 101      | 131                         | 78                  | 142        | 236     | 456    | 274   | 323          | 537              | 249         |
| No reason given                                                                                  | 255                        | 3                             | 4                         | 51                        | 31       | 49                          | 26                  | 46         | 60      | 89     | 59    | 90           | 119              | 45          |
| <b>Reference Interest Rate for Primary Mortgages With Varying Payments</b>                       |                            |                               |                           |                           |          |                             |                     |            |         |        |       |              |                  |             |
| Prime (interest) rate                                                                            | 917                        | 13                            | 30                        | 108                       | 95       | 105                         | 73                  | 140        | 181     | 321    | 275   | 208          | 574              | 134         |
| Treasury bill/bond rate (T-Bill rate)                                                            | 107                        | Z                             | Z                         | 7                         | 9        | 13                          | 3                   | 18         | 16      | 32     | 40    | 43           | 60               | 4           |
| LIBOR (London Interbank Offered Rate)                                                            | 177                        | 1                             | Z                         | 8                         | 14       | 19                          | 4                   | 23         | 26      | 58     | 69    | 60           | 114              | 3           |
| None (changes on specified schedule but doesn't depend on another rate)                          | 289                        | 3                             | 18                        | 38                        | 47       | 59                          | 23                  | 32         | 45      | 116    | 97    | 89           | 153              | 46          |
| Something else                                                                                   | 116                        | 3                             | 2                         | 7                         | 9        | 6                           | 2                   | 12         | 41      | 24     | 39    | 34           | 59               | 23          |
| Not reported                                                                                     | 5,095                      | 107                           | 409                       | 590                       | 468      | 1,078                       | 631                 | 879        | 999     | 2,129  | 1,088 | 1,148        | 2,808            | 1,140       |
| <b>Frequency of Interest Rate Adjustments for Primary Mortgages³</b>                             |                            |                               |                           |                           |          |                             |                     |            |         |        |       |              |                  |             |
| None (fixed interest rate)                                                                       | 39,070                     | 1,356                         | 1,679                     | 3,426                     | 3,637    | 4,483                       | 2,070               | 6,835      | 9,522   | 14,111 | 8,602 | 9,400        | 22,627           | 7,043       |
| More frequent than monthly                                                                       | 40                         | Z                             | Z                         | 1                         | 12       | 5                           | 11                  | 6          | 7       | 13     | 13    | 8            | 30               | 3           |
| Monthly                                                                                          | 150                        | 3                             | 5                         | 13                        | 18       | 20                          | 10                  | 16         | 19      | 53     | 62    | 42           | 82               | 26          |
| Quarterly                                                                                        | 77                         | 3                             | 3                         | 7                         | 7        | 6                           | 7                   | 10         | 27      | 18     | 22    | 12           | 54               | 11          |
| Twice per year (every 6 months)                                                                  | 167                        | Z                             | 3                         | 11                        | 21       | 13                          | 8                   | 12         | 25      | 75     | 55    | 59           | 96               | 13          |
| Yearly                                                                                           | 829                        | 4                             | 19                        | 76                        | 84       | 109                         | 57                  | 132        | 176     | 240    | 281   | 235          | 507              | 87          |
| Longer than yearly                                                                               | 645                        | 9                             | 23                        | 90                        | 81       | 87                          | 34                  | 85         | 134     | 242    | 184   | 144          | 373              | 129         |
| Not reported                                                                                     | 7,316                      | 185                           | 537                       | 919                       | 665      | 1,401                       | 850                 | 1,293      | 1,514   | 3,022  | 1,487 | 1,706        | 3,920            | 1,690       |
| <b>Reason Primary Mortgage Refinanced</b>                                                        |                            |                               |                           |                           |          |                             |                     |            |         |        |       |              |                  |             |
| Units with a refinanced primary mortgage¹                                                        | 17,781                     | 249                           | 296                       | 1,185                     | 1,245    | 2,274                       | 621                 | 3,335      | 4,667   | 5,153  | 4,625 | 4,026        | 11,133           | 2,621       |
| To get a lower interest rate                                                                     | 13,747                     | 214                           | 158                       | 747                       | 805      | 1,611                       | 376                 | 2,655      | 3,725   | 3,906  | 3,461 | 3,041        | 8,787            | 1,918       |
| To reduce the mortgage payment                                                                   | 5,213                      | 87                            | 50                        | 413                       | 382      | 640                         | 181                 | 939        | 1,356   | 1,415  | 1,502 | 1,214        | 3,368            | 631         |
| To reduce the payment period for the mortgage                                                    | 2,816                      | 28                            | 36                        | 120                       | 161      | 299                         | 51                  | 584        | 768     | 782    | 682   | 601          | 1,839            | 376         |
| To increase the payment period for the mortgage                                                  | 439                        | 5                             | 10                        | 25                        | 29       | 46                          | 21                  | 60         | 116     | 134    | 128   | 94           | 299              | 45          |
| To receive cash                                                                                  | 2,543                      | 13                            | 79                        | 239                       | 252      | 409                         | 97                  | 521        | 538     | 714    | 771   | 598          | 1,549            | 396         |
| To suspend or temporarily reduce mortgage payments                                               | 171                        | Z                             | 7                         | 25                        | 14       | 30                          | 7                   | 10         | 44      | 57     | 59    | 52           | 97               | 23          |
| Other reason                                                                                     | 1,752                      | 13                            | 57                        | 168                       | 138      | 264                         | 101                 | 296        | 459     | 495    | 502   | 446          | 945              | 361         |

See footnotes at end of table.

Table C-14B-00.

**Additional Mortgage Characteristics—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                                                      | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |               |                             |                     | Regions       |               |               |               | Inside MSA    |                  | Outside MSA   |
|------------------------------------------------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|---------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                                                                      |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic      | Elderly (65 years and over) | Below poverty level | North-east    | Midwest       | South         | West          | Central city  | Not central city |               |
| <b>Primary Mortgage Refinancing Solicitation</b>                                                     |                            |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Units with a refinanced primary mortgage . . . . .                                                   | 17,781                     | 249                           | 296                       | 1,185                     | 1,245         | 2,274                       | 621                 | 3,335         | 4,667         | 5,153         | 4,625         | 4,026         | 11,133           | 2,621         |
| Mortgage refinanced after telephone or mail solicitation . . . . .                                   | 3,093                      | 54                            | 36                        | 313                       | 271           | 400                         | 140                 | 564           | 746           | 890           | 893           | 742           | 1,916            | 435           |
| Mortgage not refinanced after telephone or mail solicitation . . . . .                               | 14,324                     | 192                           | 255                       | 837                       | 940           | 1,787                       | 459                 | 2,706         | 3,850         | 4,126         | 3,643         | 3,198         | 8,993            | 2,134         |
| Not reported . . . . .                                                                               | 363                        | 3                             | 5                         | 34                        | 34            | 87                          | 22                  | 64            | 72            | 137           | 90            | 87            | 224              | 52            |
| <b>Cash Received in Primary Mortgage Refinance</b>                                                   |                            |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Received refinance cash . . . . .                                                                    | 2,543                      | 13                            | 79                        | 239                       | 252           | 409                         | 97                  | 521           | 538           | 714           | 771           | 598           | 1,549            | 396           |
| Less than \$10,000 . . . . .                                                                         | 240                        | 3                             | 6                         | 25                        | 17            | 29                          | 12                  | 22            | 91            | 84            | 43            | 66            | 136              | 38            |
| \$10,000 to \$19,999 . . . . .                                                                       | 473                        | Z                             | 22                        | 44                        | 41            | 54                          | 25                  | 79            | 115           | 178           | 101           | 101           | 285              | 88            |
| \$20,000 to \$29,999 . . . . .                                                                       | 351                        | Z                             | 15                        | 33                        | 31            | 42                          | 12                  | 81            | 68            | 94            | 108           | 77            | 222              | 52            |
| \$30,000 to \$39,999 . . . . .                                                                       | 259                        | Z                             | 7                         | 25                        | 35            | 49                          | 1                   | 79            | 44            | 47            | 89            | 67            | 159              | 34            |
| \$40,000 to \$49,999 . . . . .                                                                       | 170                        | Z                             | Z                         | 12                        | 16            | 13                          | 5                   | 52            | 33            | 37            | 48            | 36            | 99               | 34            |
| \$50,000 to \$59,999 . . . . .                                                                       | 121                        | Z                             | 2                         | 7                         | 19            | 28                          | 4                   | 23            | 20            | 20            | 58            | 30            | 86               | 5             |
| \$60,000 to \$69,999 . . . . .                                                                       | 70                         | 2                             | Z                         | 11                        | 6             | 11                          | 5                   | 12            | 15            | 22            | 21            | 20            | 43               | 7             |
| \$70,000 to \$79,999 . . . . .                                                                       | 96                         | Z                             | 12                        | 4                         | 11            | 31                          | Z                   | 16            | 17            | 32            | 31            | 18            | 56               | 23            |
| \$80,000 to \$99,999 . . . . .                                                                       | 66                         | Z                             | Z                         | 3                         | 4             | 12                          | 4                   | 10            | 11            | 22            | 23            | 13            | 48               | 6             |
| \$100,000 to \$119,999 . . . . .                                                                     | 82                         | 1                             | 1                         | 2                         | 17            | 19                          | 7                   | 14            | 7             | 22            | 39            | 20            | 56               | 7             |
| \$120,000 to \$149,999 . . . . .                                                                     | 42                         | Z                             | Z                         | 3                         | 9             | 9                           | Z                   | 16            | 3             | 10            | 12            | 9             | 26               | 7             |
| \$150,000 or more . . . . .                                                                          | 113                        | 4                             | Z                         | 4                         | 14            | 16                          | 1                   | 26            | 16            | 17            | 54            | 32            | 70               | 11            |
| Not reported . . . . .                                                                               | 459                        | 2                             | 13                        | 66                        | 33            | 96                          | 21                  | 92            | 97            | 128           | 142           | 109           | 265              | 85            |
| <b>Median (dollars) . . . . .</b>                                                                    | <b>26,000</b>              | <b>100,000</b>                | <b>20,000</b>             | <b>20,000</b>             | <b>30,000</b> | <b>33,415</b>               | <b>20,000</b>       | <b>30,000</b> | <b>20,000</b> | <b>20,000</b> | <b>30,000</b> | <b>29,000</b> | <b>28,000</b>    | <b>21,000</b> |
| <b>Percent of Primary Mortgage Refinanced Cash Used for Home Additions, Improvements, or Repairs</b> |                            |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Received refinance cash . . . . .                                                                    | 2,543                      | 13                            | 79                        | 239                       | 252           | 409                         | 97                  | 521           | 538           | 714           | 771           | 598           | 1,549            | 396           |
| Zero percent . . . . .                                                                               | 1,130                      | 9                             | 49                        | 89                        | 103           | 213                         | 42                  | 205           | 267           | 323           | 336           | 239           | 709              | 182           |
| 1 to 9 percent . . . . .                                                                             | 130                        | Z                             | 8                         | 8                         | 6             | 20                          | 11                  | 28            | 26            | 34            | 43            | 25            | 91               | 15            |
| 10 to 19 percent . . . . .                                                                           | 133                        | Z                             | 4                         | 6                         | 18            | 15                          | 3                   | 37            | 21            | 35            | 40            | 33            | 82               | 18            |
| 20 to 29 percent . . . . .                                                                           | 134                        | 1                             | 4                         | 9                         | 13            | 18                          | Z                   | 22            | 24            | 48            | 40            | 18            | 89               | 28            |
| 30 to 39 percent . . . . .                                                                           | 46                         | Z                             | 2                         | 9                         | 7             | 4                           | 2                   | 10            | 9             | 19            | 9             | 10            | 33               | 3             |
| 40 to 49 percent . . . . .                                                                           | 26                         | Z                             | Z                         | 2                         | 5             | 12                          | 3                   | 5             | 7             | 9             | 5             | 3             | 21               | 2             |
| 50 to 59 percent . . . . .                                                                           | 126                        | Z                             | Z                         | 12                        | 12            | 15                          | 9                   | 30            | 23            | 25            | 48            | 42            | 70               | 13            |
| 60 to 69 percent . . . . .                                                                           | 41                         | Z                             | Z                         | 5                         | 2             | 8                           | Z                   | 16            | 5             | 8             | 11            | 15            | 19               | 6             |
| 70 to 79 percent . . . . .                                                                           | 40                         | Z                             | Z                         | 9                         | 5             | 5                           | 4                   | 8             | 1             | 19            | 13            | 18            | 17               | 5             |
| 80 to 89 percent . . . . .                                                                           | 60                         | Z                             | Z                         | 16                        | 4             | 9                           | 3                   | 17            | 12            | 23            | 9             | 22            | 36               | 2             |
| 90 to 99 percent . . . . .                                                                           | 62                         | Z                             | Z                         | 9                         | 17            | 5                           | Z                   | 11            | 16            | 23            | 13            | 19            | 29               | 14            |
| 100 percent . . . . .                                                                                | 457                        | 2                             | 8                         | 38                        | 39            | 47                          | 10                  | 104           | 95            | 113           | 146           | 116           | 263              | 77            |
| Not reported . . . . .                                                                               | 157                        | Z                             | 3                         | 26                        | 20            | 40                          | 9                   | 31            | 32            | 35            | 59            | 36            | 90               | 31            |
| <b>Median (percent) . . . . .</b>                                                                    | <b>5</b>                   | <b>Z</b>                      | <b>Z</b>                  | <b>25</b>                 | <b>10</b>     | <b>Z</b>                    | <b>1</b>            | <b>10</b>     | <b>Z</b>      | <b>5</b>      | <b>2</b>      | <b>10</b>     | <b>1</b>         | <b>1</b>      |

<sup>1</sup> Figures may not add to total because more than one category may apply to a unit.<sup>2</sup> Does not include refinanced mortgages.<sup>3</sup> Including after initial fixed period.

Table C-15-00.

**Home Improvement Characteristics—Owner-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                                          | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |              |                             |                     | Regions       |               |               |               | Inside MSA    |                  | Outside MSA   |
|------------------------------------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|--------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                                                          |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic     | Elderly (65 years and over) | Below poverty level | North-east    | Midwest       | South         | West          | Central city  | Not central city |               |
| <b>Total</b> .....                                                                       | <b>76,091</b>              | <b>1,898</b>                  | <b>5,678</b>              | <b>6,662</b>              | <b>6,530</b> | <b>20,250</b>               | <b>7,003</b>        | <b>13,480</b> | <b>18,032</b> | <b>29,119</b> | <b>15,460</b> | <b>17,390</b> | <b>41,967</b>    | <b>16,735</b> |
| <b>Routine Maintenance in Last Year</b>                                                  |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Less than \$25 per month .....                                                           | 28,546                     | 1,244                         | 3,226                     | 2,600                     | 2,397        | 9,301                       | 3,277               | 3,937         | 7,334         | 11,666        | 5,610         | 6,381         | 14,664           | 7,501         |
| \$25 to \$49 .....                                                                       | 17,729                     | 271                           | 1,081                     | 1,500                     | 1,557        | 3,957                       | 1,348               | 2,927         | 4,462         | 6,626         | 3,714         | 3,948         | 9,976            | 3,806         |
| \$50 to \$74 .....                                                                       | 2,954                      | 33                            | 183                       | 312                       | 303          | 668                         | 243                 | 580           | 638           | 1,177         | 560           | 742           | 1,670            | 542           |
| \$75 to \$99 .....                                                                       | 7,764                      | 98                            | 255                       | 570                       | 655          | 1,422                       | 410                 | 1,823         | 1,644         | 2,770         | 1,527         | 1,784         | 4,639            | 1,341         |
| \$100 to \$149 .....                                                                     | 2,794                      | 29                            | 113                       | 232                       | 247          | 611                         | 174                 | 553           | 525           | 1,100         | 615           | 682           | 1,667            | 445           |
| \$150 to \$199 .....                                                                     | 3,503                      | 46                            | 130                       | 288                       | 309          | 651                         | 184                 | 830           | 737           | 1,154         | 782           | 903           | 2,070            | 530           |
| \$200 or more per month .....                                                            | 4,370                      | 39                            | 130                       | 358                       | 434          | 824                         | 324                 | 1,111         | 822           | 1,420         | 1,017         | 1,134         | 2,614            | 623           |
| Not reported .....                                                                       | 8,431                      | 137                           | 559                       | 801                       | 629          | 2,816                       | 1,042               | 1,719         | 1,871         | 3,205         | 1,636         | 1,817         | 4,668            | 1,947         |
| <b>Median (dollars per month)</b> .....                                                  | <b>33</b>                  | <b>8</b>                      | <b>17</b>                 | <b>25</b>                 | <b>28</b>    | <b>17</b>                   | <b>17</b>           | <b>42</b>     | <b>25</b>     | <b>25</b>     | <b>33</b>     | <b>33</b>     | <b>42</b>        | <b>21</b>     |
| <b>HOME IMPROVEMENT ACTIVITY IN LAST TWO YEARS</b>                                       |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| <b>Total</b> .....                                                                       | <b>43,740</b>              | <b>783</b>                    | <b>3,057</b>              | <b>3,576</b>              | <b>3,535</b> | <b>10,735</b>               | <b>3,406</b>        | <b>7,879</b>  | <b>10,926</b> | <b>15,912</b> | <b>9,023</b>  | <b>9,983</b>  | <b>24,311</b>    | <b>9,446</b>  |
| <b>Government Subsidy for Repairs and Alterations</b>                                    |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Received low interest loan or grant .....                                                | 1,020                      | 12                            | 52                        | 109                       | 108          | 251                         | 158                 | 204           | 265           | 325           | 225           | 312           | 476              | 232           |
| No low interest loan or grant .....                                                      | 42,506                     | 768                           | 2,984                     | 3,439                     | 3,402        | 10,433                      | 3,221               | 7,629         | 10,610        | 15,517        | 8,751         | 9,609         | 23,722           | 9,176         |
| Not reported .....                                                                       | 214                        | 3                             | 21                        | 28                        | 24           | 50                          | 27                  | 46            | 51            | 70            | 47            | 62            | 113              | 39            |
| <b>Energy Efficiency</b>                                                                 |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| At least one home improvement project was completed for energy efficiency purposes ..... | 10,355                     | 72                            | 537                       | 727                       | 684          | 2,396                       | 673                 | 2,218         | 2,867         | 3,228         | 2,042         | 2,342         | 5,765            | 2,248         |
| Tax credit received .....                                                                | 4,525                      | 27                            | 69                        | 210                       | 166          | 932                         | 155                 | 1,041         | 1,364         | 1,317         | 803           | 985           | 2,624            | 916           |
| Tax credit not received .....                                                            | 5,551                      | 44                            | 462                       | 498                       | 499          | 1,393                       | 492                 | 1,105         | 1,440         | 1,818         | 1,188         | 1,305         | 2,962            | 1,285         |
| Tax credit not reported .....                                                            | 279                        | Z                             | 6                         | 18                        | 19           | 71                          | 27                  | 72            | 63            | 93            | 50            | 52            | 180              | 47            |
| No projects were completed for energy efficiency purposes .....                          | 33,217                     | 707                           | 2,501                     | 2,828                     | 2,841        | 8,303                       | 2,710               | 5,630         | 8,009         | 12,632        | 6,946         | 7,589         | 18,455           | 7,173         |
| Not reported .....                                                                       | 135                        | 4                             | 12                        | 20                        | 6            | 32                          | 19                  | 16            | 40            | 50            | 29            | 49            | 69               | 18            |
| <b>Remodeling<sup>1</sup></b>                                                            |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Kitchen .....                                                                            | 3,744                      | 22                            | 214                       | 267                       | 383          | 662                         | 275                 | 746           | 799           | 1,366         | 834           | 944           | 2,067            | 734           |
| Bath .....                                                                               | 4,991                      | 25                            | 297                       | 397                       | 472          | 955                         | 345                 | 946           | 1,246         | 1,690         | 1,109         | 1,274         | 2,676            | 1,041         |
| <b>Room Additions and Renovations<sup>1</sup></b>                                        |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Kitchen .....                                                                            | 69                         | 7                             | Z                         | 8                         | 7            | 12                          | Z                   | 12            | 10            | 24            | 23            | 20            | 31               | 18            |
| Bath .....                                                                               | 655                        | 13                            | 30                        | 49                        | 61           | 82                          | 46                  | 125           | 178           | 228           | 124           | 162           | 331              | 162           |
| Bedroom .....                                                                            | 1,023                      | 33                            | 93                        | 85                        | 114          | 119                         | 110                 | 226           | 241           | 348           | 208           | 230           | 526              | 268           |
| Recreation room .....                                                                    | 493                        | 33                            | 3                         | 52                        | 32           | 69                          | 35                  | 128           | 172           | 134           | 60            | 119           | 275              | 99            |
| Other .....                                                                              | 1,831                      | 48                            | 96                        | 147                       | 148          | 317                         | 125                 | 368           | 456           | 636           | 371           | 437           | 950              | 443           |
| <b>Systems and Equipment<sup>1</sup></b>                                                 |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Plumbing/pipes .....                                                                     | 3,339                      | 35                            | 320                       | 343                       | 305          | 665                         | 318                 | 618           | 751           | 1,220         | 749           | 837           | 1,718            | 784           |
| Electrical system .....                                                                  | 4,540                      | 52                            | 228                       | 339                       | 301          | 741                         | 280                 | 1,058         | 1,129         | 1,325         | 1,027         | 1,173         | 2,454            | 913           |
| Plumbing fixtures .....                                                                  | 8,231                      | 39                            | 547                       | 730                       | 749          | 1,706                       | 661                 | 1,480         | 1,953         | 2,912         | 1,886         | 2,192         | 4,341            | 1,698         |
| HVAC .....                                                                               | 7,505                      | 39                            | 487                       | 648                       | 549          | 2,051                       | 611                 | 1,277         | 1,798         | 3,294         | 1,135         | 1,701         | 4,371            | 1,432         |
| Appliances/major equipment .....                                                         | 15,106                     | 215                           | 777                       | 1,323                     | 1,227        | 3,283                       | 988                 | 2,434         | 3,627         | 5,499         | 3,546         | 3,681         | 8,708            | 2,716         |
| <b>Exterior Additions and Replacements<sup>1</sup></b>                                   |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Roofing .....                                                                            | 7,477                      | 28                            | 513                       | 699                       | 569          | 2,204                       | 635                 | 1,380         | 2,010         | 2,753         | 1,334         | 1,785         | 3,836            | 1,857         |
| Siding .....                                                                             | 2,210                      | 14                            | 150                       | 160                       | 187          | 417                         | 141                 | 521           | 626           | 744           | 319           | 446           | 1,279            | 485           |
| Windows/doors .....                                                                      | 8,910                      | 74                            | 510                       | 672                       | 742          | 1,874                       | 624                 | 1,853         | 2,532         | 2,824         | 1,701         | 2,144         | 4,864            | 1,901         |
| <b>Interior Additions and Replacements<sup>1</sup></b>                                   |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Insulation .....                                                                         | 4,204                      | 25                            | 292                       | 280                       | 308          | 798                         | 328                 | 903           | 1,142         | 1,365         | 793           | 984           | 2,126            | 1,094         |
| Flooring/paneling/ceiling .....                                                          | 14,207                     | 109                           | 1,080                     | 1,216                     | 1,250        | 2,718                       | 1,045               | 2,686         | 3,481         | 5,113         | 2,928         | 3,349         | 7,821            | 3,038         |
| Other interior .....                                                                     | 1,364                      | 24                            | 55                        | 92                        | 97           | 319                         | 94                  | 300           | 314           | 424           | 325           | 322           | 776              | 266           |

See footnote at end of table.

Table C-15-00.

**Home Improvement Characteristics—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                              | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |       |       | Inside MSA   |                  | Outside MSA |
|--------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|-------|-------|--------------|------------------|-------------|
|                                                              |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South | West  | Central city | Not central city |             |
| <b>Other Additions and Replacements<sup>1</sup></b>          |                            |                               |                           |                           |          |                             |                     |            |         |       |       |              |                  |             |
| Deck/porch .....                                             | 511                        | 30                            | 89                        | 33                        | 51       | 88                          | 37                  | 66         | 107     | 249   | 88    | 86           | 284              | 140         |
| Patio/terrace/detached deck .....                            | 3,294                      | 163                           | 252                       | 233                       | 208      | 484                         | 180                 | 589        | 763     | 1,094 | 848   | 683          | 1,936            | 675         |
| Garage .....                                                 | 164                        | 17                            | 12                        | 10                        | 25       | 26                          | 24                  | 24         | 48      | 61    | 31    | 34           | 63               | 67          |
| Carport .....                                                | 153                        | 8                             | 45                        | 10                        | 23       | 47                          | 17                  | 6          | 12      | 103   | 32    | 28           | 69               | 57          |
| Shed .....                                                   | 2,116                      | 58                            | 248                       | 132                       | 171      | 359                         | 158                 | 346        | 495     | 816   | 459   | 438          | 1,120            | 559         |
| Swimming pool/tennis court/<br>recreational structures ..... | 733                        | 41                            | 25                        | 21                        | 58       | 54                          | 39                  | 165        | 158     | 295   | 115   | 134          | 434              | 165         |
| Other exterior .....                                         | 8,072                      | 293                           | 447                       | 539                       | 642      | 1,671                       | 545                 | 1,561      | 1,762   | 2,689 | 2,060 | 1,889        | 4,511            | 1,672       |
| <b>Disaster Repairs<sup>1</sup></b>                          |                            |                               |                           |                           |          |                             |                     |            |         |       |       |              |                  |             |
| Earthquake .....                                             | 23                         | Z                             | 1                         | 5                         | 2        | 10                          | 1                   | 4          | 2       | 14    | 3     | 4            | 11               | 8           |
| Tornado/hurricane .....                                      | 606                        | 6                             | 48                        | 100                       | 36       | 152                         | 50                  | 155        | 106     | 329   | 16    | 129          | 310              | 167         |
| Landslide .....                                              | Z                          | Z                             | Z                         | Z                         | Z        | Z                           | Z                   | Z          | Z       | Z     | Z     | Z            | Z                | Z           |
| Lightning/fire .....                                         | 71                         | 3                             | 4                         | 6                         | 7        | 8                           | 4                   | 10         | 19      | 38    | 5     | 12           | 45               | 14          |
| Flood .....                                                  | 229                        | Z                             | 7                         | 12                        | 8        | 51                          | 16                  | 92         | 60      | 54    | 22    | 43           | 140              | 45          |
| Other disaster .....                                         | 1,011                      | 21                            | 36                        | 77                        | 35       | 197                         | 62                  | 121        | 333     | 396   | 161   | 241          | 517              | 253         |

<sup>1</sup> Figures may not add to total because more than one category may apply to a unit.

Table C-16-00.

**Home Improvement Costs—Owner-Occupied Units**

[Weighting consistent with Census 2010. X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                  | Total                      |                              |                                    | Professional               |                              |                                    | Do-it-yourself             |                              |                                    |
|------------------------------------------------------------------|----------------------------|------------------------------|------------------------------------|----------------------------|------------------------------|------------------------------------|----------------------------|------------------------------|------------------------------------|
|                                                                  | Number of projects (1,000) | Median expenditure (dollars) | Total expenditures (1,000 dollars) | Number of projects (1,000) | Median expenditure (dollars) | Total expenditures (1,000 dollars) | Number of projects (1,000) | Median expenditure (dollars) | Total expenditures (1,000 dollars) |
| <b>HOME IMPROVEMENT ACTIVITY IN LAST TWO YEARS</b>               |                            |                              |                                    |                            |                              |                                    |                            |                              |                                    |
| <b>Total . . . . .</b>                                           | <b>119,389</b>             | <b>3,200</b>                 | <b>358,540,371</b>                 | <b>75,048</b>              | <b>3,900</b>                 | <b>295,020,893</b>                 | <b>44,341</b>              | <b>950</b>                   | <b>63,519,478</b>                  |
| <b>Remodeling</b>                                                |                            |                              |                                    |                            |                              |                                    |                            |                              |                                    |
| Kitchen . . . . .                                                | 3,744                      | 5,000                        | 35,654,680                         | 2,174                      | 7,550                        | 27,716,940                         | 1,570                      | 3,000                        | 7,937,740                          |
| Bath . . . . .                                                   | 4,991                      | 2,432                        | 23,067,333                         | 2,584                      | 4,000                        | 16,655,256                         | 2,406                      | 1,500                        | 6,412,077                          |
| <b>Room Additions and Renovations</b>                            |                            |                              |                                    |                            |                              |                                    |                            |                              |                                    |
| Kitchen . . . . .                                                | 69                         | 27,353                       | 2,014,073                          | 56                         | 30,000                       | 1,840,799                          | 13                         | 5,000                        | 173,274                            |
| Bath . . . . .                                                   | 734                        | 3,422                        | 4,792,811                          | 406                        | 8,000                        | 3,676,888                          | 328                        | 2,000                        | 1,115,923                          |
| Bedroom . . . . .                                                | 1,168                      | 2,500                        | 9,313,667                          | 526                        | 5,000                        | 6,550,658                          | 643                        | 1,500                        | 2,763,009                          |
| Recreation room . . . . .                                        | 493                        | 3,000                        | 3,543,837                          | 211                        | 6,882                        | 2,701,142                          | 283                        | 1,600                        | 842,694                            |
| Other . . . . .                                                  | 2,021                      | 2,600                        | 16,353,133                         | 1,016                      | 5,000                        | 12,858,983                         | 1,006                      | 1,273                        | 3,494,151                          |
| <b>Systems and Equipment</b>                                     |                            |                              |                                    |                            |                              |                                    |                            |                              |                                    |
| Plumbing/pipes . . . . .                                         | 3,372                      | 500                          | 4,629,740                          | 2,123                      | 824                          | 4,055,271                          | 1,250                      | 150                          | 574,469                            |
| Electrical system . . . . .                                      | 4,540                      | 500                          | 5,061,285                          | 2,943                      | 721                          | 4,308,532                          | 1,597                      | 200                          | 752,753                            |
| Plumbing fixtures . . . . .                                      | 8,231                      | 300                          | 6,433,910                          | 3,951                      | 500                          | 4,319,658                          | 4,280                      | 200                          | 2,114,252                          |
| HVAC . . . . .                                                   | 9,811                      | 3,600                        | 33,950,425                         | 8,565                      | 4,000                        | 31,091,435                         | 1,246                      | 1,500                        | 2,858,990                          |
| Appliances/major equipment . . . . .                             | 18,444                     | 475                          | 10,374,045                         | 11,615                     | 500                          | 7,676,882                          | 6,829                      | 350                          | 2,697,163                          |
| <b>Exterior Additions and Replacements</b>                       |                            |                              |                                    |                            |                              |                                    |                            |                              |                                    |
| Roofing . . . . .                                                | 7,477                      | 4,559                        | 43,707,704                         | 6,133                      | 5,000                        | 39,874,324                         | 1,345                      | 1,800                        | 3,833,380                          |
| Siding . . . . .                                                 | 2,210                      | 2,500                        | 10,331,527                         | 1,471                      | 4,000                        | 8,936,841                          | 739                        | 610                          | 1,394,686                          |
| Windows/doors . . . . .                                          | 8,910                      | 1,200                        | 24,050,292                         | 5,772                      | 2,000                        | 20,351,562                         | 3,137                      | 450                          | 3,698,730                          |
| <b>Interior Additions and Replacements</b>                       |                            |                              |                                    |                            |                              |                                    |                            |                              |                                    |
| Insulation . . . . .                                             | 4,204                      | 500                          | 4,375,301                          | 2,177                      | 867                          | 3,250,266                          | 2,027                      | 300                          | 1,125,035                          |
| Flooring/paneling/ceiling . . . . .                              | 18,833                     | 1,200                        | 33,179,168                         | 11,225                     | 2,000                        | 26,138,871                         | 7,608                      | 500                          | 7,040,298                          |
| Other interior . . . . .                                         | 1,790                      | 1,300                        | 4,197,500                          | 1,223                      | 1,800                        | 3,493,405                          | 567                        | 500                          | 704,095                            |
| <b>Other Additions and Replacements</b>                          |                            |                              |                                    |                            |                              |                                    |                            |                              |                                    |
| Deck/porch . . . . .                                             | 511                        | 2,000                        | 2,909,599                          | 293                        | 3,000                        | 2,496,330                          | 218                        | 1,000                        | 413,269                            |
| Patio/terrace/detached deck . . . . .                            | 3,548                      | 2,000                        | 13,425,282                         | 1,864                      | 3,088                        | 10,260,064                         | 1,684                      | 1,000                        | 3,165,218                          |
| Garage . . . . .                                                 | 164                        | 15,000                       | 2,720,806                          | 89                         | 20,250                       | 2,242,091                          | 74                         | 5,000                        | 478,715                            |
| Carport . . . . .                                                | 153                        | 1,500                        | 395,865                            | 79                         | 1,600                        | 237,514                            | 74                         | 1,300                        | 158,351                            |
| Shed . . . . .                                                   | 2,116                      | 1,271                        | 8,730,869                          | 1,002                      | 2,500                        | 6,024,475                          | 1,114                      | 800                          | 2,706,394                          |
| Swimming pool/tennis court/<br>recreational structures . . . . . | 733                        | 2,000                        | 7,644,745                          | 425                        | 5,294                        | 7,265,391                          | 308                        | 450                          | 379,354                            |
| Other exterior . . . . .                                         | 9,209                      | 1,200                        | 23,566,342                         | 5,550                      | 2,000                        | 18,831,552                         | 3,658                      | 500                          | 4,734,790                          |
| <b>Disaster Repairs . . . . .</b>                                | <b>1,913</b>               | <b>7,000</b>                 | <b>24,116,431</b>                  | <b>1,574</b>               | <b>7,529</b>                 | <b>22,165,764</b>                  | <b>339</b>                 | <b>2,736</b>                 | <b>1,950,667</b>                   |

Table S-01-00.

**Health and Safety Characteristics—Owner-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                             | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |              |                             |                     | Regions       |               |               |               | Inside MSA    |                  | Outside MSA   |
|-----------------------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|--------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                                             |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic     | Elderly (65 years and over) | Below poverty level | North-east    | Midwest       | South         | West          | Central city  | Not central city |               |
| <b>Total</b> .....                                                          | <b>76,091</b>              | <b>1,898</b>                  | <b>5,678</b>              | <b>6,662</b>              | <b>6,530</b> | <b>20,250</b>               | <b>7,003</b>        | <b>13,480</b> | <b>18,032</b> | <b>29,119</b> | <b>15,460</b> | <b>17,390</b> | <b>41,967</b>    | <b>16,735</b> |
| <b>Health of Household</b>                                                  |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Health of householder:                                                      |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Excellent .....                                                             | 25,878                     | 927                           | 1,235                     | 1,788                     | 2,110        | 4,257                       | 1,563               | 4,819         | 6,124         | 9,284         | 5,651         | 6,155         | 14,951           | 4,771         |
| Very good .....                                                             | 35,572                     | 775                           | 2,592                     | 3,156                     | 3,072        | 9,558                       | 2,949               | 6,397         | 8,703         | 13,451        | 7,021         | 7,915         | 19,762           | 7,896         |
| Fair .....                                                                  | 10,395                     | 127                           | 1,407                     | 1,301                     | 1,044        | 4,668                       | 1,714               | 1,606         | 2,382         | 4,408         | 1,999         | 2,369         | 5,134            | 2,892         |
| Poor .....                                                                  | 2,472                      | 30                            | 332                       | 244                       | 222          | 1,264                       | 545                 | 373           | 456           | 1,213         | 430           | 585           | 1,135            | 753           |
| Not reported .....                                                          | 1,773                      | 39                            | 112                       | 172                       | 82           | 504                         | 232                 | 285           | 367           | 762           | 359           | 366           | 985              | 423           |
| <b>Tobacco Smoke Inside the Home</b>                                        |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Households with smokers .....                                               | 7,294                      | 123                           | 1,306                     | 778                       | 362          | 1,648                       | 1,123               | 1,278         | 2,051         | 3,164         | 802           | 1,594         | 3,612            | 2,089         |
| Households with no smokers .....                                            | 67,277                     | 1,746                         | 4,277                     | 5,722                     | 6,098        | 18,196                      | 5,686               | 11,966        | 15,652        | 25,272        | 14,387        | 15,516        | 37,513           | 14,249        |
| Visitors smoke .....                                                        | 1,452                      | 21                            | 182                       | 215                       | 63           | 499                         | 235                 | 283           | 449           | 572           | 147           | 314           | 706              | 433           |
| No visitors smoke .....                                                     | 65,802                     | 1,725                         | 4,095                     | 5,502                     | 6,032        | 17,688                      | 5,450               | 11,678        | 15,200        | 24,688        | 14,236        | 15,198        | 36,788           | 13,816        |
| Not reported .....                                                          | 24                         | Z                             | Z                         | 5                         | 3            | 9                           | Z                   | 5             | 3             | 12            | 3             | 4             | 19               | Z             |
| Not reported .....                                                          | 1,520                      | 28                            | 95                        | 162                       | 70           | 406                         | 194                 | 236           | 330           | 682           | 272           | 281           | 843              | 397           |
| <b>Secondhand Smoke Entering Home<sup>1</sup></b>                           |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Daily .....                                                                 | 598                        | 13                            | 37                        | 42                        | 71           | 102                         | 61                  | 121           | 136           | 138           | 204           | 169           | 356              | 73            |
| Weekly .....                                                                | 1,584                      | 44                            | 103                       | 144                       | 124          | 430                         | 164                 | 227           | 343           | 594           | 420           | 356           | 866              | 361           |
| Monthly .....                                                               | 263                        | 4                             | 26                        | 22                        | 39           | 54                          | 32                  | 34            | 47            | 93            | 88            | 81            | 130              | 51            |
| A few times .....                                                           | 3,681                      | 68                            | 283                       | 374                       | 419          | 727                         | 327                 | 633           | 893           | 1,169         | 985           | 958           | 2,113            | 610           |
| Never .....                                                                 | 59,615                     | 1,596                         | 3,642                     | 4,905                     | 5,374        | 16,364                      | 4,863               | 10,656        | 13,762        | 22,676        | 12,521        | 13,613        | 33,295           | 12,707        |
| Not reported .....                                                          | 60                         | Z                             | 5                         | 16                        | 3            | 12                          | 4                   | 6             | 20            | 17            | 18            | 21            | 28               | 12            |
| <b>Child Health and Safety</b>                                              |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Children younger than 5 live in or regularly visit household .....          | 18,801                     | 688                           | 1,630                     | 1,828                     | 2,295        | 2,883                       | 1,804               | 3,086         | 4,609         | 7,345         | 3,760         | 4,283         | 10,378           | 4,140         |
| All electrical outlets covered .....                                        | 5,687                      | 274                           | 424                       | 554                       | 742          | 677                         | 530                 | 1,048         | 1,362         | 2,188         | 1,088         | 1,347         | 3,114            | 1,225         |
| Some electrical outlets covered .....                                       | 6,180                      | 170                           | 516                       | 584                       | 673          | 746                         | 534                 | 1,022         | 1,545         | 2,366         | 1,247         | 1,388         | 3,531            | 1,261         |
| Electrical outlets not covered .....                                        | 6,768                      | 238                           | 684                       | 675                       | 870          | 1,442                       | 722                 | 990           | 1,663         | 2,722         | 1,393         | 1,519         | 3,637            | 1,612         |
| Not reported .....                                                          | 166                        | 6                             | 7                         | 15                        | 10           | 19                          | 18                  | 25            | 39            | 69            | 32            | 28            | 96               | 41            |
| Chemicals, pesticides, cleaning supplies and medicines stored out of reach: |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| All .....                                                                   | 14,799                     | 532                           | 1,366                     | 1,536                     | 1,842        | 2,207                       | 1,456               | 2,485         | 3,599         | 5,809         | 2,905         | 3,391         | 8,143            | 3,265         |
| Some .....                                                                  | 2,566                      | 97                            | 150                       | 146                       | 242          | 399                         | 166                 | 314           | 713           | 937           | 602           | 573           | 1,412            | 581           |
| None .....                                                                  | 1,290                      | 52                            | 108                       | 129                       | 201          | 260                         | 164                 | 262           | 263           | 530           | 235           | 297           | 725              | 267           |
| Not reported .....                                                          | 146                        | 6                             | 7                         | 17                        | 10           | 17                          | 18                  | 25            | 34            | 69            | 18            | 22            | 98               | 26            |
| Households with children 6 to 17 years of age .....                         | 18,947                     | 527                           | 1,406                     | 1,954                     | 2,557        | 658                         | 1,898               | 3,252         | 4,421         | 7,362         | 3,912         | 4,191         | 11,046           | 3,710         |
| Diagnosed with asthma .....                                                 | 3,263                      | 75                            | 316                       | 449                       | 412          | 115                         | 415                 | 592           | 723           | 1,263         | 684           | 726           | 1,907            | 629           |
| Visited emergency room in past 12 months because of asthma .....            | 277                        | 5                             | 47                        | 70                        | 48           | 10                          | 44                  | 43            | 58            | 121           | 55            | 76            | 128              | 72            |
| Did not visit emergency room in past 12 months because of asthma .....      | 2,806                      | 66                            | 256                       | 352                       | 336          | 90                          | 324                 | 511           | 624           | 1,089         | 582           | 607           | 1,673            | 526           |
| Not reported .....                                                          | 179                        | 3                             | 13                        | 26                        | 28           | 16                          | 47                  | 37            | 42            | 54            | 47            | 43            | 105              | 32            |
| Has taken daily medicines for asthma in the past 12 months .....            | 1,136                      | 17                            | 107                       | 186                       | 140          | 39                          | 130                 | 216           | 238           | 467           | 215           | 254           | 647              | 235           |
| Has not taken daily medicines for asthma in the past 12 months .....        | 1,938                      | 54                            | 193                       | 237                       | 244          | 61                          | 235                 | 335           | 442           | 739           | 423           | 429           | 1,150            | 360           |
| Not reported .....                                                          | 188                        | 3                             | 17                        | 26                        | 28           | 16                          | 51                  | 41            | 43            | 57            | 47            | 43            | 110              | 35            |
| Not diagnosed with asthma .....                                             | 15,073                     | 430                           | 1,047                     | 1,449                     | 2,083        | 518                         | 1,387               | 2,556         | 3,573         | 5,844         | 3,100         | 3,329         | 8,777            | 2,967         |
| Not reported .....                                                          | 611                        | 22                            | 43                        | 55                        | 62           | 25                          | 96                  | 104           | 125           | 255           | 128           | 136           | 361              | 114           |
| <b>Water Temperature</b>                                                    |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Householder has access to water heating unit .....                          | 74,886                     | 1,881                         | 5,678                     | 6,549                     | 6,390        | 19,830                      | 6,845               | 12,930        | 17,807        | 28,877        | 15,272        | 16,691        | 41,484           | 16,711        |
| Has checked temperature of hot water .....                                  | 26,787                     | 743                           | 1,721                     | 2,383                     | 1,745        | 7,152                       | 2,156               | 5,700         | 5,719         | 10,062        | 5,306         | 6,013         | 15,021           | 5,754         |
| Has never checked temperature of hot water .....                            | 45,648                     | 1,099                         | 3,813                     | 3,931                     | 4,490        | 12,017                      | 4,422               | 6,784         | 11,554        | 17,806        | 9,503         | 10,196        | 25,081           | 10,370        |
| Not reported .....                                                          | 2,450                      | 39                            | 144                       | 235                       | 155          | 661                         | 267                 | 446           | 534           | 1,008         | 462           | 482           | 1,382            | 587           |
| Household does not have access to water heating unit .....                  | 1,052                      | 13                            | Z                         | 99                        | 119          | 365                         | 138                 | 511           | 204           | 185           | 152           | 633           | 402              | 17            |
| Not reported .....                                                          | 154                        | 4                             | Z                         | 13                        | 21           | 55                          | 20                  | 39            | 21            | 57            | 37            | 66            | 81               | 6             |

See footnotes at end of table.

Table S-01-00.

**Health and Safety Characteristics—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                       | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |        |        | Inside MSA   |                  | Outside MSA |
|-----------------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|--------|--------|--------------|------------------|-------------|
|                                                                       |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South  | West   | Central city | Not central city |             |
| Stairs                                                                |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Stairs present inside home <sup>2</sup> . . . . .                     | 43,710                     | 1,179                         | 298                       | 3,456                     | 2,254    | 10,400                      | 2,741               | 11,184     | 13,975  | 11,645 | 6,906  | 9,482        | 25,659           | 8,569       |
| All railings firmly attached . . . . .                                | 40,408                     | 1,140                         | 232                       | 3,177                     | 2,028    | 9,706                       | 2,416               | 10,513     | 12,811  | 10,713 | 6,371  | 8,724        | 24,125           | 7,559       |
| Broken or missing railings present. . .                               | 1,113                      | 18                            | 1                         | 97                        | 55       | 237                         | 76                  | 337        | 370     | 243    | 164    | 326          | 608              | 179         |
| Steps missing or broken . . . . .                                     | 493                        | 13                            | 19                        | 46                        | 29       | 117                         | 52                  | 170        | 125     | 148    | 50     | 129          | 259              | 105         |
| Steps have some form of nonslip covering. . . . .                     | 28,599                     | 800                           | 95                        | 2,060                     | 1,411    | 6,779                       | 1,560               | 6,957      | 9,702   | 6,866  | 5,073  | 6,096        | 17,340           | 5,164       |
| All stairs sufficiently illuminated . . . .                           | 41,956                     | 1,132                         | 243                       | 3,302                     | 2,119    | 9,979                       | 2,573               | 10,804     | 13,500  | 11,026 | 6,626  | 9,134        | 24,745           | 8,078       |
| All stairs gated <sup>3</sup> . . . . .                               | 2,801                      | 148                           | 13                        | 132                       | 153      | 202                         | 105                 | 737        | 948     | 634    | 482    | 567          | 1,662            | 571         |
| No stairs present inside home. . . . .                                | 31,181                     | 698                           | 5,312                     | 3,080                     | 4,214    | 9,518                       | 4,100               | 2,108      | 3,787   | 16,952 | 8,333  | 7,703        | 15,646           | 7,832       |
| Not reported . . . . .                                                | 1,200                      | 21                            | 68                        | 125                       | 62       | 333                         | 162                 | 188        | 270     | 522    | 221    | 205          | 661              | 334         |
| Potential Winter Heating Hazards                                      |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Ever used in winter to heat home <sup>2</sup> . . . .                 | 12,522                     | 135                           | 1,181                     | 1,426                     | 873      | 3,148                       | 1,258               | 2,112      | 3,335   | 4,545  | 2,531  | 3,036        | 6,359            | 3,127       |
| Gas oven with an open door . . . . .                                  | 704                        | 2                             | 117                       | 153                       | 88       | 208                         | 134                 | 111        | 207     | 289    | 97     | 218          | 316              | 170         |
| Kerosene space heater . . . . .                                       | 1,526                      | 25                            | 210                       | 196                       | 64       | 343                         | 254                 | 273        | 393     | 746    | 114    | 242          | 746              | 538         |
| Electric space heater . . . . .                                       | 10,723                     | 109                           | 927                       | 1,195                     | 766      | 2,690                       | 980                 | 1,795      | 2,837   | 3,735  | 2,356  | 2,696        | 5,488            | 2,539       |
| Outdoor wood fire broiler . . . . .                                   | 201                        | 3                             | 19                        | 7                         | 6        | 26                          | 24                  | 51         | 92      | 37     | 20     | 20           | 72               | 109         |
| Safety Equipment                                                      |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Smoke detectors:                                                      |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Working smoke detector . . . . .                                      | 70,801                     | 1,832                         | 5,189                     | 6,050                     | 5,726    | 18,372                      | 6,006               | 12,893     | 17,015  | 26,476 | 14,417 | 16,266       | 39,399           | 15,135      |
| Powered by:                                                           |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Electricity . . . . .                                                 | 4,506                      | 120                           | 595                       | 353                       | 369      | 1,422                       | 403                 | 853        | 954     | 1,791  | 908    | 1,012        | 2,592            | 902         |
| Batteries . . . . .                                                   | 40,094                     | 501                           | 2,596                     | 3,912                     | 3,764    | 11,301                      | 4,080               | 7,553      | 10,372  | 14,221 | 7,949  | 9,950        | 20,739           | 9,405       |
| Both . . . . .                                                        | 25,763                     | 1,207                         | 1,988                     | 1,740                     | 1,569    | 5,505                       | 1,479               | 4,409      | 5,622   | 10,253 | 5,479  | 5,201        | 15,807           | 4,755       |
| Not reported . . . . .                                                | 438                        | 4                             | 11                        | 44                        | 24       | 145                         | 44                  | 78         | 68      | 211    | 81     | 103          | 261              | 73          |
| No working smoke detector . . . . .                                   | 3,824                      | 39                            | 413                       | 442                       | 727      | 1,450                       | 803                 | 384        | 713     | 1,959  | 769    | 863          | 1,771            | 1,190       |
| Not reported. . . . .                                                 | 1,466                      | 27                            | 76                        | 169                       | 77       | 428                         | 194                 | 203        | 305     | 683    | 275    | 260          | 797              | 409         |
| Batteries replaced in last 6 months <sup>4</sup> . . .                | 48,895                     | 1,200                         | 3,288                     | 4,207                     | 4,119    | 12,171                      | 4,167               | 9,465      | 12,157  | 18,035 | 9,239  | 11,163       | 27,248           | 10,484      |
| Batteries not replaced in last 6 months <sup>4</sup> . . . . .        | 16,190                     | 488                           | 1,240                     | 1,409                     | 1,174    | 4,394                       | 1,339               | 2,386      | 3,665   | 6,168  | 3,971  | 3,800        | 8,906            | 3,483       |
| Not reported <sup>4</sup> . . . . .                                   | 772                        | 19                            | 56                        | 35                        | 41       | 241                         | 53                  | 111        | 171     | 271    | 219    | 188          | 391              | 193         |
| Carbon monoxide detectors:                                            |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Working carbon monoxide detector . . .                                | 35,215                     | 970                           | 1,455                     | 2,757                     | 2,069    | 8,653                       | 2,476               | 9,311      | 10,832  | 9,129  | 5,944  | 7,901        | 20,265           | 7,049       |
| Powered by:                                                           |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Electricity . . . . .                                                 | 7,248                      | 105                           | 298                       | 487                       | 336      | 2,163                       | 523                 | 1,764      | 2,811   | 1,647  | 1,026  | 1,543        | 4,154            | 1,551       |
| Batteries . . . . .                                                   | 15,895                     | 229                           | 769                       | 1,466                     | 1,132    | 4,015                       | 1,340               | 4,467      | 4,533   | 4,205  | 2,689  | 3,937        | 8,553            | 3,405       |
| Both . . . . .                                                        | 11,810                     | 632                           | 384                       | 777                       | 586      | 2,414                       | 588                 | 2,998      | 3,416   | 3,205  | 2,191  | 2,366        | 7,387            | 2,057       |
| Not reported . . . . .                                                | 262                        | 3                             | 4                         | 27                        | 16       | 61                          | 24                  | 80         | 72      | 72     | 38     | 55           | 171              | 36          |
| No working carbon monoxide detector . .                               | 38,801                     | 872                           | 4,120                     | 3,681                     | 4,313    | 11,048                      | 4,268               | 3,874      | 6,785   | 19,090 | 9,051  | 9,054        | 20,566           | 9,181       |
| Not reported. . . . .                                                 | 2,076                      | 56                            | 103                       | 223                       | 148      | 549                         | 259                 | 295        | 415     | 900    | 465    | 435          | 1,136            | 505         |
| Batteries replaced in last 6 months <sup>4</sup> . . .                | 20,760                     | 582                           | 897                       | 1,722                     | 1,383    | 4,689                       | 1,446               | 5,834      | 5,917   | 5,606  | 3,403  | 4,656        | 11,973           | 4,130       |
| Batteries not replaced in last 6 months <sup>4</sup> . . . . .        | 6,667                      | 272                           | 247                       | 516                       | 321      | 1,672                       | 467                 | 1,561      | 1,940   | 1,755  | 1,412  | 1,588        | 3,780            | 1,299       |
| Not reported <sup>4</sup> . . . . .                                   | 278                        | 7                             | 9                         | 6                         | 14       | 68                          | 15                  | 72         | 92      | 49     | 65     | 59           | 186              | 34          |
| Fire extinguisher purchased or recharged in the last 2 years. . . . . | 35,985                     | 935                           | 2,572                     | 2,925                     | 2,538    | 8,460                       | 2,923               | 6,880      | 8,496   | 13,669 | 6,940  | 7,713        | 20,244           | 8,028       |
| Sprinkler system inside home . . . . .                                | 2,125                      | 169                           | 68                        | 214                       | 184      | 542                         | 144                 | 363        | 286     | 713    | 764    | 625          | 1,334            | 167         |
| Extension Cords                                                       |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Extension cords used . . . . .                                        | 43,164                     | 919                           | 2,740                     | 4,079                     | 3,588    | 11,218                      | 3,719               | 7,932      | 9,989   | 15,505 | 9,738  | 10,633       | 24,142           | 8,389       |
| Extension cords are cracked or worn. . .                              | 1,635                      | 35                            | 87                        | 178                       | 175      | 391                         | 196                 | 447        | 396     | 495    | 297    | 360          | 993              | 282         |
| Extension cords are not cracked or worn. . . . .                      | 41,503                     | 884                           | 2,650                     | 3,896                     | 3,411    | 10,816                      | 3,518               | 7,483      | 9,584   | 15,000 | 9,436  | 10,271       | 23,132           | 8,101       |
| Not reported. . . . .                                                 | 25                         | Z                             | 3                         | 5                         | 3        | 11                          | 5                   | 2          | 9       | 10     | 4      | 2            | 17               | 6           |
| Extension cords not used . . . . .                                    | 31,308                     | 947                           | 2,843                     | 2,414                     | 2,870    | 8,581                       | 3,064               | 5,297      | 7,711   | 12,881 | 5,419  | 6,477        | 16,913           | 7,919       |
| Not reported . . . . .                                                | 1,619                      | 31                            | 95                        | 168                       | 72       | 452                         | 220                 | 251        | 332     | 733    | 304    | 280          | 912              | 427         |
| Pool Safety                                                           |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Pool on property . . . . .                                            | 9,667                      | 180                           | 583                       | 325                       | 811      | 1,948                       | 635                 | 1,963      | 1,405   | 3,908  | 2,390  | 2,042        | 6,363            | 1,262       |
| With fence completely surrounding pool <sup>5</sup> . . . . .         | 5,661                      | 117                           | 416                       | 193                       | 443      | 1,119                       | 332                 | 1,316      | 755     | 2,314  | 1,276  | 1,092        | 3,918            | 650         |
| Without fence completely surrounding pool <sup>5</sup> . . . . .      | 2,699                      | 37                            | 166                       | 56                        | 247      | 394                         | 150                 | 418        | 503     | 1,023  | 755    | 513          | 1,596            | 589         |
| Fence not reported <sup>5</sup> . . . . .                             | 36                         | 1                             | 2                         | 2                         | Z        | 5                           | 1                   | 7          | 6       | 17     | 7      | 11           | 21               | 4           |
| No pool on property. . . . .                                          | 65,175                     | 1,691                         | 5,026                     | 6,206                     | 5,656    | 17,938                      | 6,204               | 11,319     | 16,345  | 24,685 | 12,826 | 15,151       | 34,878           | 15,145      |
| Not reported . . . . .                                                | 1,250                      | 26                            | 69                        | 130                       | 63       | 365                         | 164                 | 199        | 282     | 525    | 243    | 197          | 726              | 327         |

See footnotes at end of table.

Table S-01-00.

**Health and Safety Characteristics—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                  | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |        |        | Inside MSA   |                  | Outside MSA |
|------------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|--------|--------|--------------|------------------|-------------|
|                                                                  |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South  | West   | Central city | Not central city |             |
|                                                                  |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| <b>Mold</b>                                                      |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Housing units with mold in last 12 months <sup>2</sup> . . . . . | 2,015                      | 19                            | 209                       | 227                       | 218      | 361                         | 282                 | 527        | 524     | 611    | 353    | 462          | 1,090            | 463         |
| Kitchen . . . . .                                                | 213                        | 2                             | 46                        | 39                        | 13       | 37                          | 35                  | 28         | 49      | 88     | 49     | 40           | 135              | 39          |
| Bathroom(s) . . . . .                                            | 683                        | 6                             | 102                       | 55                        | 95       | 95                          | 115                 | 99         | 180     | 265    | 139    | 156          | 350              | 177         |
| Bedroom(s) . . . . .                                             | 378                        | 6                             | 72                        | 52                        | 54       | 82                          | 92                  | 78         | 69      | 137    | 94     | 96           | 201              | 82          |
| Living room . . . . .                                            | 219                        | 5                             | 42                        | 28                        | 32       | 46                          | 44                  | 45         | 52      | 86     | 35     | 47           | 125              | 47          |
| Basement . . . . .                                               | 611                        | Z                             | Z                         | 76                        | 33       | 123                         | 52                  | 276        | 216     | 94     | 26     | 132          | 337              | 143         |
| Other room . . . . .                                             | 277                        | 10                            | 22                        | 32                        | 16       | 56                          | 30                  | 75         | 65      | 76     | 60     | 58           | 161              | 58          |
| Mold not present . . . . .                                       | 72,817                     | 1,860                         | 5,385                     | 6,301                     | 6,242    | 19,503                      | 6,541               | 12,762     | 17,231  | 27,953 | 14,870 | 16,689       | 40,207           | 15,921      |
| Not reported . . . . .                                           | 1,259                      | 19                            | 84                        | 134                       | 70       | 386                         | 181                 | 191        | 277     | 554    | 238    | 239          | 670              | 350         |
| <b>Musty Smells</b>                                              |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Housing units with musty smells in last 12 months . . . . .      | 11,238                     | 225                           | 863                       | 1,179                     | 872      | 2,833                       | 1,292               | 2,377      | 2,999   | 4,000  | 1,861  | 2,521        | 6,068            | 2,649       |
| Daily . . . . .                                                  | 772                        | 9                             | 88                        | 92                        | 57       | 138                         | 144                 | 233        | 216     | 202    | 121    | 180          | 392              | 199         |
| Weekly . . . . .                                                 | 5,235                      | 168                           | 451                       | 544                       | 499      | 1,507                       | 607                 | 808        | 1,083   | 2,316  | 1,028  | 1,190        | 2,879            | 1,165       |
| Monthly . . . . .                                                | 354                        | 3                             | 13                        | 34                        | 34       | 56                          | 34                  | 94         | 112     | 85     | 63     | 92           | 210              | 52          |
| A few times . . . . .                                            | 4,877                      | 45                            | 312                       | 510                       | 282      | 1,132                       | 508                 | 1,242      | 1,589   | 1,397  | 649    | 1,059        | 2,586            | 1,233       |
| Musty smells not present . . . . .                               | 63,563                     | 1,653                         | 4,729                     | 5,350                     | 5,598    | 17,038                      | 5,537               | 10,912     | 14,760  | 24,544 | 13,346 | 14,633       | 35,215           | 13,715      |
| Not reported . . . . .                                           | 1,291                      | 20                            | 86                        | 132                       | 60       | 379                         | 174                 | 191        | 273     | 574    | 253    | 236          | 684              | 370         |

<sup>1</sup> Asked only of nonsmoker households reporting "no visitors smoke."<sup>2</sup> Figures may not add to total because more than one category may apply to a unit.<sup>3</sup> Asked only of households with children younger than 5 years of age.<sup>4</sup> Restricted to units with detector powered by both electricity and batteries, or batteries only.<sup>5</sup> Asked only of detached/attached single units and mobile homes. Fence only counted if it is at least 4 feet tall with a gate that closes and locks automatically.

Table S-02-00.

**Disabilities and Home Accessibility—Owner-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                           | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |              |                             |                     | Regions       |               |               |               | Inside MSA    |                  | Outside MSA   |
|-----------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|--------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                           |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic     | Elderly (65 years and over) | Below poverty level | North-east    | Midwest       | South         | West          | Central city  | Not central city |               |
| <b>Total</b> .....                                        | <b>76,091</b>              | <b>1,898</b>                  | <b>5,678</b>              | <b>6,662</b>              | <b>6,530</b> | <b>20,250</b>               | <b>7,003</b>        | <b>13,480</b> | <b>18,032</b> | <b>29,119</b> | <b>15,460</b> | <b>17,390</b> | <b>41,967</b>    | <b>16,735</b> |
| <b>Hearing Disabilities</b>                               |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| With hearing disability .....                             | 4,544                      | 55                            | 495                       | 201                       | 258          | 2,714                       | 550                 | 715           | 1,107         | 1,821         | 901           | 843           | 2,383            | 1,318         |
| No hearing disability .....                               | 69,993                     | 1,820                         | 5,075                     | 6,306                     | 6,199        | 17,088                      | 6,244               | 12,527        | 16,585        | 26,622        | 14,259        | 16,231        | 38,748           | 15,013        |
| Not reported .....                                        | 1,555                      | 23                            | 107                       | 155                       | 73           | 448                         | 208                 | 238           | 341           | 676           | 300           | 316           | 835              | 403           |
| <b>Vision Disabilities</b>                                |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| With vision disability .....                              | 2,211                      | 13                            | 294                       | 249                       | 186          | 1,153                       | 405                 | 356           | 450           | 942           | 463           | 477           | 1,139            | 595           |
| No vision disability .....                                | 72,295                     | 1,859                         | 5,275                     | 6,254                     | 6,270        | 18,632                      | 6,386               | 12,881        | 17,241        | 27,486        | 14,687        | 16,589        | 39,977           | 15,729        |
| Not reported .....                                        | 1,586                      | 26                            | 109                       | 158                       | 73           | 465                         | 212                 | 244           | 341           | 690           | 310           | 324           | 851              | 410           |
| <b>Mental Disabilities<sup>1</sup></b>                    |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| With mental disability .....                              | 3,679                      | 62                            | 419                       | 308                       | 308          | 1,539                       | 595                 | 587           | 860           | 1,463         | 769           | 799           | 1,906            | 974           |
| No mental disability .....                                | 70,862                     | 1,815                         | 5,154                     | 6,202                     | 6,151        | 18,235                      | 6,193               | 12,667        | 16,835        | 26,992        | 14,369        | 16,267        | 39,233           | 15,363        |
| Not reported .....                                        | 1,550                      | 21                            | 105                       | 152                       | 71           | 476                         | 215                 | 227           | 337           | 663           | 322           | 325           | 829              | 397           |
| <b>Physical Disabilities<sup>1</sup></b>                  |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| With physical disability .....                            | 8,100                      | 106                           | 949                       | 871                       | 562          | 4,705                       | 1,274               | 1,340         | 1,850         | 3,384         | 1,526         | 1,939         | 3,942            | 2,219         |
| No physical disability .....                              | 66,447                     | 1,771                         | 4,622                     | 5,640                     | 5,899        | 15,056                      | 5,523               | 11,904        | 15,845        | 25,071        | 13,626        | 15,132        | 37,202           | 14,113        |
| Not reported .....                                        | 1,545                      | 21                            | 108                       | 151                       | 69           | 489                         | 206                 | 236           | 337           | 664           | 307           | 320           | 823              | 403           |
| <b>Self-Care Disabilities<sup>1</sup></b>                 |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| With self-care disability .....                           | 2,189                      | 33                            | 237                       | 259                       | 196          | 1,203                       | 344                 | 376           | 448           | 935           | 430           | 551           | 1,069            | 569           |
| No self-care disability .....                             | 72,359                     | 1,844                         | 5,333                     | 6,251                     | 6,260        | 18,563                      | 6,453               | 12,866        | 17,252        | 27,525        | 14,716        | 16,518        | 40,078           | 15,763        |
| Not reported .....                                        | 1,544                      | 21                            | 108                       | 151                       | 75           | 484                         | 206                 | 238           | 333           | 658           | 314           | 321           | 820              | 402           |
| <b>Go-Outside-Home Disabilities<sup>1</sup></b>           |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| With go-outside-home disability .....                     | 4,516                      | 45                            | 540                       | 475                       | 341          | 2,597                       | 722                 | 781           | 983           | 1,814         | 938           | 1,107         | 2,283            | 1,126         |
| No go-outside-home disability .....                       | 70,257                     | 1,840                         | 5,048                     | 6,051                     | 6,128        | 17,192                      | 6,114               | 12,495        | 16,783        | 26,740        | 14,239        | 16,013        | 38,991           | 15,253        |
| Not reported .....                                        | 1,318                      | 13                            | 90                        | 136                       | 61           | 461                         | 168                 | 204           | 266           | 565           | 283           | 271           | 693              | 355           |
| <b>Motor Skill Problems Reported<sup>2,3</sup></b>        |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Stooping or kneeling .....                                | 7,485                      | 86                            | 869                       | 758                       | 480          | 4,286                       | 1,129               | 1,251         | 1,746         | 3,004         | 1,483         | 1,710         | 3,617            | 2,158         |
| Reaching above head .....                                 | 2,731                      | 26                            | 346                       | 341                       | 198          | 1,420                       | 471                 | 467           | 574           | 1,138         | 552           | 633           | 1,357            | 741           |
| Grasping objects .....                                    | 2,571                      | 24                            | 318                       | 248                       | 177          | 1,325                       | 402                 | 388           | 571           | 1,057         | 556           | 572           | 1,252            | 747           |
| <b>Mobility Devices</b>                                   |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Mobility device used <sup>2</sup> .....                   | 8,022                      | 110                           | 800                       | 940                       | 628          | 4,367                       | 1,130               | 1,375         | 1,871         | 3,143         | 1,633         | 1,902         | 4,085            | 2,034         |
| Manually operated wheelchair .....                        | 1,231                      | 8                             | 92                        | 147                       | 103          | 689                         | 181                 | 180           | 268           | 532           | 251           | 311           | 612              | 309           |
| Motorized wheelchair, cart, or scooter .....              | 2,128                      | 66                            | 150                       | 258                       | 200          | 691                         | 196                 | 307           | 495           | 874           | 452           | 490           | 1,152            | 485           |
| Chairlift .....                                           | 338                        | 2                             | 24                        | 25                        | 4            | 231                         | 53                  | 92            | 68            | 135           | 42            | 47            | 178              | 112           |
| Crutches .....                                            | 274                        | 3                             | 37                        | 37                        | 25           | 108                         | 45                  | 47            | 67            | 105           | 55            | 53            | 147              | 73            |
| Cane or walker .....                                      | 5,362                      | 49                            | 583                       | 630                       | 372          | 3,535                       | 817                 | 980           | 1,250         | 2,075         | 1,057         | 1,282         | 2,630            | 1,450         |
| Other .....                                               | 474                        | 6                             | 46                        | 51                        | 26           | 193                         | 39                  | 83            | 119           | 167           | 105           | 142           | 234              | 99            |
| Mobility device not used .....                            | 66,484                     | 1,761                         | 4,775                     | 5,563                     | 5,826        | 15,409                      | 5,663               | 11,859        | 15,816        | 25,290        | 13,520        | 15,158        | 37,028           | 14,299        |
| Not reported .....                                        | 1,586                      | 27                            | 103                       | 159                       | 76           | 475                         | 210                 | 246           | 346           | 686           | 308           | 331           | 853              | 402           |
| <b>Home Accessibility Problems Reported<sup>2,3</sup></b> |                            |                               |                           |                           |              |                             |                     |               |               |               |               |               |                  |               |
| Reaching kitchen cabinets .....                           | 3,779                      | 68                            | 344                       | 303                       | 323          | 1,773                       | 554                 | 662           | 903           | 1,376         | 837           | 870           | 2,111            | 797           |
| Opening kitchen cabinets .....                            | 1,472                      | 25                            | 116                       | 162                       | 148          | 686                         | 197                 | 224           | 313           | 622           | 314           | 391           | 787              | 295           |
| Use of kitchen counters .....                             | 696                        | 4                             | 76                        | 85                        | 64           | 389                         | 101                 | 113           | 128           | 346           | 109           | 215           | 339              | 143           |
| Use of stove .....                                        | 985                        | 11                            | 108                       | 113                       | 104          | 448                         | 129                 | 184           | 209           | 413           | 179           | 266           | 530              | 190           |
| Getting to the bathroom .....                             | 954                        | 14                            | 89                        | 128                       | 83           | 541                         | 160                 | 149           | 188           | 443           | 174           | 287           | 470              | 197           |
| Turning faucets on and off .....                          | 616                        | 3                             | 64                        | 87                        | 65           | 334                         | 120                 | 101           | 95            | 302           | 118           | 184           | 295              | 137           |
| Using the sink .....                                      | 612                        | 4                             | 51                        | 81                        | 55           | 334                         | 111                 | 96            | 113           | 289           | 115           | 179           | 299              | 134           |
| Getting into or out of the bathtub .....                  | 2,924                      | 29                            | 334                       | 310                       | 197          | 1,790                       | 419                 | 499           | 676           | 1,193         | 556           | 741           | 1,416            | 767           |
| Getting into or out of the walk-in shower .....           | 1,411                      | 11                            | 131                       | 173                       | 133          | 809                         | 218                 | 248           | 279           | 630           | 255           | 407           | 693              | 311           |

See footnotes at the end of table.

Table S-02-00.

**Disabilities and Home Accessibility—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                     | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |        |       | Inside MSA   |                  | Outside MSA |
|-----------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|--------|-------|--------------|------------------|-------------|
|                                                     |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South  | West  | Central city | Not central city |             |
| <b>Accessibility Features in Home<sup>2</sup></b>   |                            |                               |                           |                           |          |                             |                     |            |         |        |       |              |                  |             |
| Ramps . . . . .                                     | 493                        | 18                            | Z                         | 22                        | 21       | 191                         | 49                  | 105        | 174     | 139    | 73    | 101          | 242              | 149         |
| In use due to a physical limitation . . . .         | 113                        | 4                             | Z                         | 6                         | 2        | 72                          | 15                  | 33         | 33      | 35     | 12    | 14           | 58               | 41          |
| Not in use due to a physical limitation . . . .     | 379                        | 13                            | Z                         | 16                        | 19       | 120                         | 34                  | 73         | 141     | 104    | 61    | 87           | 184              | 108         |
| Extra wide doors or hallways <sup>4</sup> . . . . . | 6,571                      | 345                           | 261                       | 453                       | 354      | 2,179                       | 497                 | 1,052      | 1,548   | 2,489  | 1,481 | 1,288        | 3,630            | 1,653       |
| In use due to a physical limitation . . . .         | 593                        | 19                            | 42                        | 56                        | 40       | 322                         | 93                  | 65         | 126     | 284    | 118   | 133          | 284              | 176         |
| Not in use due to a physical limitation . . . .     | 5,978                      | 326                           | 220                       | 397                       | 314      | 1,857                       | 404                 | 987        | 1,423   | 2,205  | 1,363 | 1,155        | 3,346            | 1,477       |
| Floors with no steps between rooms . . . .          | 45,641                     | 1,173                         | 4,102                     | 3,821                     | 3,780    | 12,814                      | 4,368               | 7,216      | 11,054  | 17,867 | 9,504 | 10,484       | 24,453           | 10,705      |
| In use due to a physical limitation . . . .         | 2,359                      | 38                            | 285                       | 231                       | 160      | 1,289                       | 355                 | 366        | 510     | 978    | 505   | 551          | 1,154            | 654         |
| Not in use due to a physical limitation . . . .     | 43,282                     | 1,135                         | 3,817                     | 3,590                     | 3,620    | 11,524                      | 4,014               | 6,850      | 10,544  | 16,889 | 8,999 | 9,933        | 23,299           | 10,050      |
| Elevators . . . . .                                 | 166                        | 11                            | Z                         | 6                         | 7        | 68                          | 13                  | 38         | 32      | 71     | 25    | 44           | 96               | 26          |
| In use due to a physical limitation . . . .         | 40                         | 2                             | Z                         | Z                         | 5        | 26                          | 3                   | 4          | 13      | 15     | 9     | 12           | 25               | 3           |
| Not in use due to a physical limitation . . . .     | 126                        | 9                             | Z                         | 6                         | 2        | 41                          | 10                  | 34         | 20      | 56     | 16    | 33           | 70               | 23          |
| Hand rails or grab bars on steps . . . . .          | 14,055                     | 408                           | Z                         | 1,149                     | 698      | 3,943                       | 910                 | 3,628      | 4,177   | 3,867  | 2,382 | 3,127        | 8,371            | 2,557       |
| In use due to a physical limitation . . . .         | 1,262                      | 21                            | Z                         | 116                       | 38       | 769                         | 141                 | 362        | 398     | 272    | 231   | 280          | 746              | 236         |
| Not in use due to a physical limitation . . . .     | 12,792                     | 387                           | Z                         | 1,034                     | 660      | 3,174                       | 769                 | 3,266      | 3,780   | 3,595  | 2,151 | 2,847        | 7,625            | 2,320       |
| Hand rails or grab bars in bathroom . . . .         | 14,357                     | 261                           | 965                       | 1,030                     | 830      | 7,319                       | 1,439               | 2,764      | 3,362   | 5,141  | 3,090 | 3,127        | 7,743            | 3,487       |
| In use due to a physical limitation . . . .         | 4,086                      | 42                            | 332                       | 321                       | 233      | 2,817                       | 547                 | 756        | 884     | 1,525  | 920   | 989          | 1,999            | 1,098       |
| Not in use due to a physical limitation . . . .     | 10,271                     | 219                           | 634                       | 709                       | 597      | 4,502                       | 892                 | 2,008      | 2,478   | 3,616  | 2,170 | 2,138        | 5,744            | 2,389       |
| Hand rails or grab bars in other areas . . .        | 2,149                      | 44                            | 159                       | 165                       | 128      | 1,186                       | 273                 | 390        | 505     | 803    | 451   | 466          | 1,179            | 504         |
| In use due to a physical limitation . . . .         | 719                        | 11                            | 49                        | 63                        | 41       | 493                         | 100                 | 105        | 187     | 271    | 156   | 170          | 374              | 175         |
| Not in use due to a physical limitation . . . .     | 1,430                      | 32                            | 110                       | 102                       | 87       | 693                         | 173                 | 285        | 318     | 532    | 295   | 296          | 805              | 329         |
| Entry-level bedroom <sup>5</sup> . . . . .          | 23,421                     | 588                           | Z                         | 1,473                     | 1,163    | 6,521                       | 1,617               | 5,183      | 8,528   | 5,956  | 3,753 | 5,213        | 12,739           | 5,468       |
| In use due to a physical limitation . . . .         | 1,233                      | 14                            | Z                         | 97                        | 52       | 635                         | 187                 | 324        | 433     | 294    | 182   | 279          | 622              | 332         |
| Not in use due to a physical limitation . . . .     | 22,188                     | 574                           | Z                         | 1,376                     | 1,112    | 5,886                       | 1,430               | 4,859      | 8,095   | 5,663  | 3,572 | 4,934        | 12,118           | 5,137       |
| Entry-level bathroom <sup>5</sup> . . . . .         | 34,865                     | 943                           | Z                         | 2,334                     | 1,759    | 8,420                       | 2,104               | 9,018      | 11,497  | 8,631  | 5,719 | 7,601        | 20,417           | 6,846       |
| In use due to a physical limitation . . . .         | 1,428                      | 20                            | Z                         | 125                       | 62       | 742                         | 178                 | 410        | 473     | 331    | 214   | 320          | 752              | 356         |
| Not in use due to a physical limitation . . . .     | 33,437                     | 923                           | Z                         | 2,210                     | 1,696    | 7,678                       | 1,926               | 8,608      | 11,023  | 8,300  | 5,505 | 7,281        | 19,666           | 6,490       |
| Built-in seats in shower . . . . .                  | 8,108                      | 407                           | 614                       | 404                       | 351      | 3,011                       | 524                 | 1,093      | 2,071   | 3,240  | 1,703 | 1,471        | 4,622            | 2,014       |
| In use due to a physical limitation . . . .         | 1,336                      | 28                            | 112                       | 110                       | 87       | 853                         | 167                 | 254        | 259     | 532    | 291   | 297          | 683              | 355         |
| Not in use due to a physical limitation . . . .     | 6,772                      | 378                           | 502                       | 294                       | 264      | 2,158                       | 357                 | 839        | 1,812   | 2,709  | 1,412 | 1,174        | 3,939            | 1,659       |
| Raised toilets . . . . .                            | 6,344                      | 162                           | 437                       | 523                       | 260      | 3,332                       | 641                 | 939        | 1,731   | 2,487  | 1,186 | 1,236        | 3,306            | 1,801       |
| In use due to a physical limitation . . . .         | 2,035                      | 25                            | 176                       | 219                       | 100      | 1,409                       | 246                 | 331        | 454     | 840    | 410   | 445          | 999              | 591         |
| Not in use due to a physical limitation . . . .     | 4,309                      | 136                           | 261                       | 304                       | 160      | 1,923                       | 395                 | 608        | 1,276   | 1,647  | 777   | 791          | 2,307            | 1,211       |
| Handles on doors instead of knobs . . . .           | 9,409                      | 482                           | 340                       | 470                       | 581      | 2,610                       | 572                 | 1,421      | 2,316   | 2,970  | 2,702 | 1,974        | 5,657            | 1,778       |
| In use due to a physical limitation . . . .         | 613                        | 18                            | 24                        | 49                        | 27       | 335                         | 69                  | 109        | 140     | 226    | 138   | 145          | 352              | 116         |
| Not in use due to a physical limitation . . . .     | 8,796                      | 464                           | 316                       | 421                       | 553      | 2,274                       | 503                 | 1,312      | 2,176   | 2,744  | 2,564 | 1,829        | 5,305            | 1,661       |
| Handles or levers on sinks . . . . .                | 24,458                     | 859                           | 986                       | 1,232                     | 1,407    | 6,610                       | 1,408               | 4,132      | 6,453   | 7,691  | 6,182 | 5,305        | 14,215           | 4,938       |
| In use due to a physical limitation . . . .         | 1,086                      | 29                            | 75                        | 67                        | 61       | 611                         | 142                 | 154        | 239     | 442    | 250   | 271          | 568              | 248         |
| Not in use due to a physical limitation . . . .     | 23,372                     | 830                           | 911                       | 1,165                     | 1,346    | 5,999                       | 1,266               | 3,978      | 6,213   | 7,249  | 5,932 | 5,034        | 13,648           | 4,690       |
| Roll-out trays or lazy susans in cabinets . . . . . | 18,794                     | 595                           | 404                       | 694                       | 785      | 5,231                       | 888                 | 3,868      | 5,666   | 4,834  | 4,426 | 3,661        | 11,000           | 4,134       |
| In use due to a physical limitation . . . .         | 610                        | 8                             | 41                        | 33                        | 29       | 357                         | 58                  | 88         | 170     | 210    | 142   | 137          | 336              | 137         |
| Not in use due to a physical limitation . . . .     | 18,184                     | 587                           | 363                       | 660                       | 756      | 4,874                       | 829                 | 3,781      | 5,496   | 4,624  | 4,284 | 3,524        | 10,664           | 3,997       |

See footnotes at the end of table.

Table S-02-00.

**Disabilities and Home Accessibility—Owner-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                             | Total owner-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |        |        | Inside MSA   |                  | Outside MSA |
|-------------------------------------------------------------|----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|--------|--------|--------------|------------------|-------------|
|                                                             |                            | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South  | West   | Central city | Not central city |             |
| <b>Wheelchair Accessible Features Available<sup>2</sup></b> |                            |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Electrical outlets . . . . .                                | 49,108                     | 1,365                         | 3,497                     | 3,997                     | 3,734    | 13,084                      | 3,964               | 7,973      | 12,241  | 18,010 | 10,884 | 10,827       | 27,245           | 11,036      |
| In use due to a physical limitation . . . .                 | 904                        | 22                            | 70                        | 87                        | 63       | 503                         | 137                 | 136        | 214     | 328    | 226    | 206          | 442              | 256         |
| Not in use due to a physical limitation . . . . .           | 48,204                     | 1,343                         | 3,426                     | 3,910                     | 3,671    | 12,581                      | 3,827               | 7,837      | 12,027  | 17,682 | 10,657 | 10,621       | 26,803           | 10,779      |
| Electrical switches . . . . .                               | 50,337                     | 1,374                         | 3,603                     | 4,028                     | 3,802    | 13,544                      | 4,044               | 8,256      | 12,737  | 18,114 | 11,231 | 11,037       | 27,860           | 11,441      |
| In use due to a physical limitation . . . .                 | 900                        | 14                            | 60                        | 76                        | 55       | 502                         | 140                 | 138        | 202     | 351    | 209    | 199          | 436              | 265         |
| Not in use due to a physical limitation . . . . .           | 49,437                     | 1,361                         | 3,542                     | 3,952                     | 3,747    | 13,042                      | 3,904               | 8,118      | 12,534  | 17,763 | 11,022 | 10,838       | 27,424           | 11,176      |
| Climate controls . . . . .                                  | 37,041                     | 1,017                         | 2,575                     | 2,922                     | 2,654    | 10,053                      | 2,989               | 5,918      | 9,915   | 12,930 | 8,278  | 8,102        | 20,319           | 8,621       |
| In use due to a physical limitation . . . .                 | 662                        | 8                             | 43                        | 54                        | 35       | 390                         | 112                 | 97         | 172     | 253    | 140    | 151          | 322              | 189         |
| Not in use due to a physical limitation . . . . .           | 36,379                     | 1,009                         | 2,532                     | 2,867                     | 2,620    | 9,662                       | 2,876               | 5,820      | 9,744   | 12,677 | 8,138  | 7,951        | 19,997           | 8,431       |
| Kitchen cabinets . . . . .                                  | 12,641                     | 322                           | 995                       | 1,053                     | 1,114    | 3,925                       | 1,333               | 1,915      | 2,754   | 5,269  | 2,702  | 2,905        | 6,897            | 2,840       |
| In use due to a physical limitation . . . .                 | 359                        | 7                             | 13                        | 31                        | 16       | 237                         | 72                  | 54         | 76      | 162    | 67     | 89           | 169              | 101         |
| Not in use due to a physical limitation . . . . .           | 12,283                     | 315                           | 981                       | 1,022                     | 1,099    | 3,688                       | 1,261               | 1,861      | 2,679   | 5,108  | 2,635  | 2,816        | 6,728            | 2,738       |
| Countertops . . . . .                                       | 40,477                     | 1,074                         | 2,840                     | 3,403                     | 2,982    | 11,143                      | 3,256               | 6,791      | 10,058  | 14,854 | 8,776  | 8,926        | 22,340           | 9,212       |
| In use due to a physical limitation . . . .                 | 716                        | 12                            | 57                        | 60                        | 37       | 385                         | 107                 | 110        | 167     | 291    | 148    | 161          | 357              | 198         |
| Not in use due to a physical limitation . . . . .           | 39,761                     | 1,062                         | 2,782                     | 3,343                     | 2,946    | 10,758                      | 3,149               | 6,681      | 9,890   | 14,563 | 8,627  | 8,765        | 21,983           | 9,014       |
| Other kitchen features . . . . .                            | 23,980                     | 657                           | 1,894                     | 2,002                     | 1,789    | 6,693                       | 1,979               | 3,720      | 5,827   | 8,847  | 5,586  | 5,230        | 13,127           | 5,622       |
| In use due to a physical limitation . . . .                 | 495                        | 5                             | 27                        | 41                        | 20       | 280                         | 70                  | 65         | 126     | 196    | 107    | 123          | 232              | 140         |
| Not in use due to a physical limitation . . . . .           | 23,485                     | 651                           | 1,867                     | 1,961                     | 1,769    | 6,413                       | 1,909               | 3,655      | 5,701   | 8,651  | 5,479  | 5,107        | 12,896           | 5,482       |
| Bathrooms . . . . .                                         | 31,298                     | 926                           | 2,254                     | 2,633                     | 2,518    | 8,833                       | 2,630               | 4,674      | 7,739   | 11,794 | 7,090  | 6,715        | 17,339           | 7,244       |
| In use due to a physical limitation . . . .                 | 886                        | 20                            | 76                        | 77                        | 37       | 481                         | 115                 | 131        | 198     | 373    | 184    | 188          | 417              | 281         |
| Not in use due to a physical limitation . . . . .           | 30,412                     | 906                           | 2,179                     | 2,556                     | 2,481    | 8,352                       | 2,516               | 4,544      | 7,541   | 11,421 | 6,906  | 6,527        | 16,922           | 6,963       |

<sup>1</sup> Mental, physical, and self-care disabilities are limited to household members at least 5 years of age. Go-outside-home disabilities are limited to household members at least 15 years of age.<sup>2</sup> Figures may not add to total because more than one category may apply to a unit.<sup>3</sup> Motor skill problems and home accessibility are only reported for household members at least 6 years of age.<sup>4</sup> Doors and hallways are considered "extra wide" if there is a clearance of 36 inches or more.<sup>5</sup> Includes only units with 2 or more floors.

Table C-01-RO.

**General Housing Data—Renter-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                 | Total renter-occupied units | Housing unit characteristics  |                           | Household characteristics |              |                             |                     | Regions      |               |               |               | Inside MSA    |                  | Outside MSA  |
|-----------------------------------------------------------------|-----------------------------|-------------------------------|---------------------------|---------------------------|--------------|-----------------------------|---------------------|--------------|---------------|---------------|---------------|---------------|------------------|--------------|
|                                                                 |                             | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic     | Elderly (65 years and over) | Below poverty level | North-east   | Midwest       | South         | West          | Central city  | Not central city |              |
| <b>Sample size (number) . . . . .</b>                           | <b>52,500</b>               | <b>864</b>                    | <b>1,006</b>              | <b>11,633</b>             | <b>9,708</b> | <b>7,608</b>                | <b>15,580</b>       | <b>7,546</b> | <b>11,340</b> | <b>15,034</b> | <b>18,580</b> | <b>23,037</b> | <b>25,443</b>    | <b>4,020</b> |
| <b>Total . . . . .</b>                                          | <b>38,816</b>               | <b>673</b>                    | <b>1,512</b>              | <b>8,033</b>              | <b>7,311</b> | <b>4,808</b>                | <b>11,126</b>       | <b>7,585</b> | <b>7,650</b>  | <b>13,465</b> | <b>10,115</b> | <b>16,502</b> | <b>16,251</b>    | <b>6,062</b> |
| <b>Units in Structure</b>                                       |                             |                               |                           |                           |              |                             |                     |              |               |               |               |               |                  |              |
| 1, detached . . . . .                                           | 11,099                      | 134                           | X                         | 1,868                     | 1,887        | 1,016                       | 2,724               | 1,042        | 2,339         | 4,603         | 3,115         | 3,417         | 4,899            | 2,783        |
| 1, attached . . . . .                                           | 2,654                       | 69                            | X                         | 688                       | 486          | 326                         | 715                 | 507          | 404           | 962           | 780           | 1,191         | 1,239            | 224          |
| 2 to 4 . . . . .                                                | 7,537                       | 71                            | X                         | 1,653                     | 1,482        | 836                         | 2,314               | 2,178        | 1,673         | 1,953         | 1,732         | 3,566         | 2,794            | 1,177        |
| 5 to 9 . . . . .                                                | 4,827                       | 49                            | X                         | 1,240                     | 1,019        | 454                         | 1,514               | 877          | 955           | 1,684         | 1,311         | 2,206         | 2,150            | 472          |
| 10 to 19 . . . . .                                              | 4,514                       | 58                            | X                         | 1,073                     | 862          | 398                         | 1,224               | 743          | 886           | 1,736         | 1,149         | 1,930         | 2,191            | 393          |
| 20 to 49 . . . . .                                              | 3,257                       | 127                           | X                         | 634                       | 734          | 476                         | 1,047               | 875          | 586           | 861           | 934           | 1,759         | 1,246            | 253          |
| 50 or more . . . . .                                            | 3,415                       | 151                           | X                         | 756                       | 584          | 1,116                       | 1,007               | 1,242        | 647           | 736           | 791           | 2,303         | 991              | 122          |
| Manufactured/mobile home or trailer . . . . .                   | 1,512                       | 14                            | 1,512                     | 120                       | 257          | 186                         | 580                 | 121          | 160           | 930           | 302           | 130           | 742              | 640          |
| <b>Cooperatives and Condominiums</b>                            |                             |                               |                           |                           |              |                             |                     |              |               |               |               |               |                  |              |
| Cooperatives . . . . .                                          | 200                         | 1                             | 2                         | 48                        | 19           | 58                          | 40                  | 124          | 28            | 22            | 27            | 133           | 55               | 12           |
| Condominiums . . . . .                                          | 2,941                       | 59                            | 2                         | 524                       | 534          | 399                         | 626                 | 547          | 448           | 1,074         | 872           | 1,157         | 1,541            | 243          |
| <b>Year Structure Built<sup>1,2</sup></b>                       |                             |                               |                           |                           |              |                             |                     |              |               |               |               |               |                  |              |
| 2010 to 2014 . . . . .                                          | 147                         | 147                           | 5                         | 34                        | 22           | 16                          | 30                  | 16           | 27            | 68            | 36            | 76            | 35               | 36           |
| 2005 to 2009 . . . . .                                          | 1,917                       | 527                           | 55                        | 420                       | 266          | 192                         | 418                 | 220          | 250           | 903           | 543           | 855           | 798              | 263          |
| 2000 to 2004 . . . . .                                          | 1,887                       | X                             | 103                       | 354                       | 266          | 277                         | 436                 | 148          | 344           | 835           | 560           | 630           | 972              | 286          |
| 1995 to 1999 . . . . .                                          | 1,861                       | X                             | 246                       | 348                       | 286          | 284                         | 485                 | 112          | 339           | 853           | 557           | 571           | 906              | 383          |
| 1990 to 1994 . . . . .                                          | 1,498                       | X                             | 169                       | 262                       | 247          | 203                         | 418                 | 96           | 305           | 619           | 478           | 403           | 800              | 295          |
| 1985 to 1989 . . . . .                                          | 2,714                       | X                             | 161                       | 509                       | 469          | 371                         | 685                 | 297          | 424           | 1,074         | 918           | 820           | 1,605            | 289          |
| 1980 to 1984 . . . . .                                          | 2,470                       | X                             | 161                       | 572                       | 458          | 333                         | 761                 | 189          | 339           | 1,303         | 639           | 787           | 1,290            | 392          |
| 1975 to 1979 . . . . .                                          | 4,507                       | X                             | 199                       | 895                       | 968          | 590                         | 1,458               | 607          | 979           | 1,668         | 1,253         | 1,886         | 1,853            | 768          |
| 1970 to 1974 . . . . .                                          | 3,927                       | X                             | 202                       | 874                       | 784          | 535                         | 1,210               | 594          | 764           | 1,481         | 1,089         | 1,631         | 1,719            | 577          |
| 1960 to 1969 . . . . .                                          | 4,917                       | X                             | 144                       | 1,088                     | 994          | 606                         | 1,392               | 896          | 915           | 1,681         | 1,425         | 1,949         | 2,320            | 647          |
| 1950 to 1959 . . . . .                                          | 3,357                       | X                             | 15                        | 777                       | 723          | 405                         | 943                 | 634          | 735           | 1,034         | 955           | 1,560         | 1,327            | 470          |
| 1940 to 1949 . . . . .                                          | 2,451                       | X                             | 33                        | 568                       | 575          | 268                         | 813                 | 629          | 396           | 798           | 628           | 1,238         | 803              | 410          |
| 1930 to 1939 . . . . .                                          | 2,008                       | X                             | 18                        | 428                       | 401          | 201                         | 594                 | 704          | 459           | 485           | 361           | 1,130         | 545              | 332          |
| 1920 to 1929 . . . . .                                          | 2,014                       | X                             | X                         | 410                       | 376          | 191                         | 561                 | 808          | 520           | 308           | 378           | 1,281         | 460              | 273          |
| 1919 or earlier . . . . .                                       | 3,141                       | X                             | X                         | 495                       | 477          | 335                         | 924                 | 1,637        | 854           | 355           | 295           | 1,684         | 815              | 641          |
| <b>Median (year) . . . . .</b>                                  | <b>1972</b>                 | <b>2008</b>                   | <b>1984</b>               | <b>1971</b>               | <b>1971</b>  | <b>1974</b>                 | <b>1971</b>         | <b>1950</b>  | <b>1969</b>   | <b>1977</b>   | <b>1975</b>   | <b>1967</b>   | <b>1975</b>      | <b>1972</b>  |
| <b>Stories in Structure<sup>3</sup></b>                         |                             |                               |                           |                           |              |                             |                     |              |               |               |               |               |                  |              |
| 1 . . . . .                                                     | 10,468                      | 116                           | X                         | 1,990                     | 2,324        | 1,356                       | 3,115               | 339          | 1,282         | 5,224         | 3,623         | 3,455         | 4,532            | 2,481        |
| 2 . . . . .                                                     | 13,744                      | 165                           | X                         | 3,011                     | 2,663        | 1,298                       | 3,900               | 1,990        | 2,836         | 4,635         | 4,282         | 5,633         | 6,229            | 1,882        |
| 3 . . . . .                                                     | 8,401                       | 224                           | X                         | 1,818                     | 1,175        | 957                         | 2,156               | 2,538        | 2,600         | 1,912         | 1,350         | 3,871         | 3,630            | 900          |
| 4 to 6 . . . . .                                                | 3,144                       | 100                           | X                         | 678                       | 655          | 518                         | 878                 | 1,797        | 480           | 439           | 429           | 2,176         | 833              | 136          |
| 7 or more . . . . .                                             | 1,547                       | 54                            | X                         | 415                       | 237          | 492                         | 496                 | 801          | 292           | 324           | 129           | 1,239         | 284              | 24           |
| <b>Stories Between Main and Apartment Entrances<sup>3</sup></b> |                             |                               |                           |                           |              |                             |                     |              |               |               |               |               |                  |              |
| Multiunits, 2 or more floors . . . . .                          | 20,502                      | 412                           | X                         | 4,663                     | 4,020        | 2,717                       | 5,988               | 5,729        | 4,223         | 5,654         | 4,896         | 10,689        | 8,099            | 1,714        |
| None (on same floor) . . . . .                                  | 7,092                       | 108                           | X                         | 1,556                     | 1,357        | 932                         | 2,075               | 1,720        | 1,477         | 2,100         | 1,795         | 3,420         | 2,943            | 728          |
| 1 (up or down) . . . . .                                        | 5,809                       | 83                            | X                         | 1,281                     | 1,159        | 573                         | 1,668               | 1,452        | 1,254         | 1,629         | 1,474         | 2,751         | 2,526            | 532          |
| 2 or more (up or down) . . . . .                                | 7,601                       | 221                           | X                         | 1,826                     | 1,504        | 1,212                       | 2,245               | 2,556        | 1,493         | 1,925         | 1,627         | 4,518         | 2,629            | 453          |
| <b>Elevator on Floor<sup>3</sup></b>                            |                             |                               |                           |                           |              |                             |                     |              |               |               |               |               |                  |              |
| Multiunits, 2 or more floors . . . . .                          | 20,502                      | 412                           | X                         | 4,663                     | 4,020        | 2,717                       | 5,988               | 5,729        | 4,223         | 5,654         | 4,896         | 10,689        | 8,099            | 1,714        |
| With at least 1 working elevator . . . . .                      | 3,258                       | 141                           | X                         | 699                       | 504          | 1,078                       | 923                 | 1,385        | 665           | 571           | 638           | 2,216         | 931              | 111          |
| With at least 1 elevator, none in working condition . . . . .   | 25                          | Z                             | X                         | 5                         | 12           | 15                          | 14                  | 13           | 1             | 2             | 9             | 21            | 3                | Z            |
| No elevator . . . . .                                           | 17,219                      | 271                           | X                         | 3,959                     | 3,504        | 1,625                       | 5,051               | 4,331        | 3,558         | 5,081         | 4,249         | 8,452         | 7,164            | 1,602        |
| Multiunits, 3 or more floors from main entrance . . . . .       | 1,365                       | 34                            | X                         | 359                       | 304          | 110                         | 397                 | 643          | 267           | 288           | 167           | 872           | 422              | 71           |
| <b>Foundation<sup>3</sup></b>                                   |                             |                               |                           |                           |              |                             |                     |              |               |               |               |               |                  |              |
| 1-unit buildings . . . . .                                      | 13,753                      | 204                           | X                         | 2,556                     | 2,373        | 1,341                       | 3,440               | 1,550        | 2,743         | 5,565         | 3,896         | 4,609         | 6,138            | 3,006        |
| With basement under all of building . . . . .                   | 3,301                       | 30                            | X                         | 674                       | 324          | 303                         | 787                 | 1,048        | 1,423         | 512           | 319           | 1,268         | 1,330            | 703          |
| With basement under part of building . . . . .                  | 990                         | 4                             | X                         | 108                       | 81           | 127                         | 208                 | 202          | 391           | 193           | 204           | 282           | 384              | 323          |
| With crawl space . . . . .                                      | 3,477                       | 18                            | X                         | 553                       | 578          | 353                         | 879                 | 83           | 452           | 1,818         | 1,124         | 994           | 1,338            | 1,146        |
| On concrete slab . . . . .                                      | 5,651                       | 146                           | X                         | 1,172                     | 1,352        | 502                         | 1,455               | 185          | 435           | 2,853         | 2,178         | 1,960         | 2,944            | 747          |
| Other . . . . .                                                 | 334                         | 6                             | X                         | 47                        | 37           | 57                          | 112                 | 30           | 42            | 189           | 72            | 104           | 143              | 87           |

See footnotes at end of table.

Table C-01-RO.

**General Housing Data—Renter-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                       | Total renter-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |       |      | Inside MSA   |                  | Outside MSA |
|-------------------------------------------------------|-----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|-------|------|--------------|------------------|-------------|
|                                                       |                             | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South | West | Central city | Not central city |             |
| Manufactured/Mobile Home Setup                        |                             |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| Manufactured/mobile homes . . .                       | 1,512                       | 14                            | 1,512                     | 120                       | 257      | 186                         | 580                 | 121        | 160     | 930   | 302  | 130          | 742              | 640         |
| Set on permanent masonry foundation . .               | 185                         | 2                             | 185                       | 8                         | 28       | 17                          | 83                  | 19         | 32      | 91    | 43   | 20           | 113              | 52          |
| Resting on concrete pad . . . . .                     | 198                         | 3                             | 198                       | 12                        | 42       | 21                          | 65                  | 15         | 51      | 76    | 57   | 23           | 121              | 54          |
| Up on blocks, but not on concrete pad . .             | 1,006                       | 2                             | 1,006                     | 95                        | 171      | 133                         | 387                 | 77         | 75      | 696   | 158  | 69           | 445              | 491         |
| Setup in some other way . . . . .                     | 47                          | Z                             | 47                        | 5                         | 4        | 3                           | 16                  | Z          | Z       | 32    | 14   | Z            | 32               | 14          |
| Setup not reported. . . . .                           | 76                          | 7                             | 76                        | 1                         | 11       | 12                          | 29                  | 9          | 2       | 34    | 30   | 17           | 31               | 28          |
| Manufactured/Mobile Home Anchoring                    |                             |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| Manufactured/mobile homes . . .                       | 1,512                       | 14                            | 1,512                     | 120                       | 257      | 186                         | 580                 | 121        | 160     | 930   | 302  | 130          | 742              | 640         |
| Anchored by tiedowns, bolts, or other means . . . . . | 1,279                       | 5                             | 1,279                     | 112                       | 211      | 160                         | 479                 | 89         | 143     | 834   | 213  | 100          | 635              | 544         |
| Not anchored . . . . .                                | 132                         | 3                             | 132                       | 5                         | 26       | 18                          | 60                  | 17         | 8       | 59    | 48   | 15           | 73               | 44          |
| Anchoring not reported . . . . .                      | 101                         | 7                             | 101                       | 4                         | 20       | 8                           | 40                  | 15         | 9       | 36    | 41   | 15           | 35               | 52          |
| Manufactured/Mobile Home Size                         |                             |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| Manufactured/mobile homes . . .                       | 1,512                       | 14                            | 1,512                     | 120                       | 257      | 186                         | 580                 | 121        | 160     | 930   | 302  | 130          | 742              | 640         |
| Single-wide . . . . .                                 | 1,145                       | 5                             | 1,145                     | 96                        | 198      | 142                         | 457                 | 91         | 142     | 736   | 177  | 94           | 562              | 490         |
| Double-wide . . . . .                                 | 342                         | 2                             | 342                       | 25                        | 58       | 40                          | 120                 | 30         | 16      | 193   | 103  | 29           | 169              | 144         |
| Triple-wide or larger . . . . .                       | 18                          | 7                             | 18                        | Z                         | Z        | 1                           | Z                   | Z          | Z       | Z     | 18   | 7            | 10               | 1           |
| Size not reported . . . . .                           | 7                           | Z                             | 7                         | Z                         | 1        | 3                           | 3                   | Z          | 2       | 1     | 5    | Z            | 2                | 5           |
| Manufactured/Mobile Home Site Placement               |                             |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| Manufactured/mobile homes . . .                       | 1,512                       | 14                            | 1,512                     | 120                       | 257      | 186                         | 580                 | 121        | 160     | 930   | 302  | 130          | 742              | 640         |
| First site. . . . .                                   | 774                         | 5                             | 774                       | 71                        | 156      | 123                         | 300                 | 47         | 74      | 509   | 143  | 48           | 362              | 364         |
| Moved from another site . . . . .                     | 237                         | 3                             | 237                       | 24                        | 21       | 22                          | 91                  | 23         | 22      | 158   | 35   | 21           | 100              | 116         |
| Don't know. . . . .                                   | 291                         | 7                             | 291                       | 14                        | 48       | 35                          | 109                 | 24         | 31      | 163   | 73   | 40           | 151              | 99          |
| Site placement not reported . . . . .                 | 210                         | Z                             | 210                       | 12                        | 32       | 7                           | 80                  | 26         | 33      | 100   | 51   | 21           | 128              | 61          |
| Manufactured/Mobile Homes in Group                    |                             |                               |                           |                           |          |                             |                     |            |         |       |      |              |                  |             |
| Manufactured/mobile homes . . .                       | 1,512                       | 14                            | 1,512                     | 120                       | 257      | 186                         | 580                 | 121        | 160     | 930   | 302  | 130          | 742              | 640         |
| 1 to 6 . . . . .                                      | 1,046                       | 9                             | 1,046                     | 85                        | 150      | 132                         | 412                 | 70         | 98      | 662   | 216  | 54           | 470              | 522         |
| 7 to 20 . . . . .                                     | 156                         | 3                             | 156                       | 13                        | 15       | 14                          | 54                  | 22         | 17      | 103   | 13   | 15           | 94               | 47          |
| 21 or more . . . . .                                  | 311                         | 2                             | 311                       | 22                        | 93       | 40                          | 113                 | 29         | 44      | 164   | 73   | 61           | 178              | 72          |

<sup>1</sup> For manufactured/mobile homes, oldest category is 1939 or earlier.<sup>2</sup> Median is estimated from the printed distribution; see Appendix A.<sup>3</sup> Figures exclude manufactured/mobile homes.

Table C-02-RO.

**Rooms, Size, and Amenities—Renter-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                         | Total renter-occupied units | Housing unit characteristics  |                           | Household characteristics |              |                             |                     | Regions      |              |               |               | Inside MSA    |                  | Outside MSA  |
|---------------------------------------------------------|-----------------------------|-------------------------------|---------------------------|---------------------------|--------------|-----------------------------|---------------------|--------------|--------------|---------------|---------------|---------------|------------------|--------------|
|                                                         |                             | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic     | Elderly (65 years and over) | Below poverty level | North-east   | Midwest      | South         | West          | Central city  | Not central city |              |
| <b>Total . . . . .</b>                                  | <b>38,816</b>               | <b>673</b>                    | <b>1,512</b>              | <b>8,033</b>              | <b>7,311</b> | <b>4,808</b>                | <b>11,126</b>       | <b>7,585</b> | <b>7,650</b> | <b>13,465</b> | <b>10,115</b> | <b>16,502</b> | <b>16,251</b>    | <b>6,062</b> |
| <b>Rooms</b>                                            |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| 1. . . . .                                              | 374                         | 5                             | Z                         | 47                        | 78           | 73                          | 130                 | 123          | 60           | 63            | 128           | 223           | 121              | 30           |
| 2. . . . .                                              | 854                         | 15                            | 3                         | 108                       | 144          | 155                         | 269                 | 294          | 119          | 154           | 287           | 537           | 252              | 65           |
| 3. . . . .                                              | 8,074                       | 141                           | 92                        | 1,559                     | 1,440        | 1,708                       | 2,638               | 2,038        | 1,624        | 2,266         | 2,145         | 4,151         | 3,029            | 894          |
| 4. . . . .                                              | 12,461                      | 225                           | 600                       | 2,634                     | 2,556        | 1,410                       | 3,607               | 2,325        | 2,455        | 4,424         | 3,257         | 5,203         | 5,224            | 2,034        |
| 5. . . . .                                              | 8,820                       | 162                           | 522                       | 1,978                     | 1,702        | 842                         | 2,456               | 1,458        | 1,746        | 3,463         | 2,153         | 3,352         | 3,939            | 1,529        |
| 6. . . . .                                              | 5,056                       | 68                            | 213                       | 1,148                     | 956          | 376                         | 1,335               | 851          | 973          | 1,957         | 1,274         | 2,008         | 2,148            | 899          |
| 7. . . . .                                              | 1,908                       | 35                            | 69                        | 347                       | 290          | 149                         | 471                 | 318          | 435          | 661           | 493           | 646           | 900              | 362          |
| 8. . . . .                                              | 743                         | 16                            | 8                         | 120                       | 93           | 60                          | 137                 | 101          | 158          | 272           | 211           | 227           | 359              | 156          |
| 9. . . . .                                              | 299                         | 4                             | 2                         | 53                        | 32           | 21                          | 45                  | 45           | 40           | 120           | 93            | 94            | 160              | 45           |
| 10 or more. . . . .                                     | 228                         | 3                             | 3                         | 39                        | 21           | 13                          | 37                  | 32           | 39           | 84            | 74            | 61            | 120              | 48           |
| <b>Persons Per Room</b>                                 |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| 0.50 or less . . . . .                                  | 23,983                      | 453                           | 869                       | 4,961                     | 2,866        | 4,209                       | 6,247               | 4,732        | 5,158        | 8,445         | 5,647         | 10,284        | 9,779            | 3,921        |
| 0.51 to 1.00 . . . . .                                  | 13,097                      | 211                           | 561                       | 2,747                     | 3,502        | 576                         | 3,950               | 2,461        | 2,301        | 4,535         | 3,799         | 5,400         | 5,745            | 1,952        |
| 1.01 to 1.50 . . . . .                                  | 1,425                       | 9                             | 81                        | 295                       | 730          | 22                          | 757                 | 319          | 154          | 433           | 519           | 643           | 606              | 176          |
| 1.51 or more . . . . .                                  | 311                         | Z                             | 1                         | 30                        | 214          | 2                           | 173                 | 73           | 36           | 51            | 150           | 175           | 122              | 14           |
| <b>Bedrooms</b>                                         |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| None . . . . .                                          | 840                         | 13                            | Z                         | 94                        | 142          | 162                         | 262                 | 285          | 129          | 118           | 309           | 562           | 223              | 55           |
| 1. . . . .                                              | 10,336                      | 177                           | 96                        | 1,996                     | 1,848        | 2,020                       | 3,242               | 2,588        | 2,046        | 3,008         | 2,694         | 5,306         | 3,940            | 1,090        |
| 2. . . . .                                              | 15,459                      | 264                           | 745                       | 3,329                     | 3,055        | 1,742                       | 4,302               | 2,831        | 3,221        | 5,424         | 3,983         | 6,264         | 6,673            | 2,523        |
| 3. . . . .                                              | 9,259                       | 151                           | 621                       | 2,033                     | 1,782        | 693                         | 2,555               | 1,434        | 1,672        | 3,881         | 2,271         | 3,341         | 4,121            | 1,797        |
| 4 or more. . . . .                                      | 2,921                       | 69                            | 50                        | 581                       | 485          | 191                         | 765                 | 448          | 582          | 1,034         | 857           | 1,030         | 1,295            | 597          |
| <b>Persons Per Bedroom</b>                              |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| 0.50 or less . . . . .                                  | 6,406                       | 108                           | 345                       | 1,382                     | 586          | 1,384                       | 1,727               | 1,071        | 1,493        | 2,503         | 1,340         | 2,390         | 2,671            | 1,345        |
| 0.51 to 1.00 . . . . .                                  | 18,272                      | 374                           | 600                       | 3,797                     | 2,416        | 2,738                       | 4,813               | 3,646        | 3,836        | 6,408         | 4,382         | 7,943         | 7,467            | 2,862        |
| 1.01 to 1.50 . . . . .                                  | 5,492                       | 103                           | 243                       | 1,280                     | 1,343        | 165                         | 1,493               | 859          | 988          | 2,070         | 1,575         | 2,019         | 2,557            | 916          |
| 1.51 or more . . . . .                                  | 7,805                       | 76                            | 323                       | 1,479                     | 2,824        | 358                         | 2,831               | 1,724        | 1,204        | 2,367         | 2,510         | 3,587         | 3,333            | 884          |
| No bedrooms. . . . .                                    | 840                         | 13                            | Z                         | 94                        | 142          | 162                         | 262                 | 285          | 129          | 118           | 309           | 562           | 223              | 55           |
| <b>Complete Bathrooms</b>                               |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| None . . . . .                                          | 304                         | 2                             | 14                        | 49                        | 57           | 58                          | 138                 | 93           | 63           | 90            | 58            | 159           | 96               | 49           |
| 1. . . . .                                              | 24,150                      | 266                           | 646                       | 5,145                     | 4,762        | 3,424                       | 7,749               | 6,052        | 5,267        | 7,064         | 5,767         | 11,361        | 8,917            | 3,872        |
| 1½. . . . .                                             | 3,834                       | 31                            | 115                       | 914                       | 563          | 426                         | 1,018               | 697          | 1,023        | 1,276         | 838           | 1,428         | 1,800            | 606          |
| 2 or more. . . . .                                      | 10,528                      | 373                           | 737                       | 1,925                     | 1,929        | 900                         | 2,220               | 744          | 1,297        | 5,035         | 3,453         | 3,554         | 5,438            | 1,535        |
| <b>Square Footage of Unit</b>                           |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Single detached and manufactured/mobile homes . . . . . | 12,611                      | 149                           | 1,512                     | 1,988                     | 2,144        | 1,202                       | 3,304               | 1,163        | 2,499        | 5,532         | 3,417         | 3,547         | 5,641            | 3,423        |
| Less than 500 . . . . .                                 | 262                         | Z                             | 68                        | 33                        | 64           | 36                          | 88                  | 37           | 24           | 124           | 77            | 83            | 103              | 75           |
| 500 to 749 . . . . .                                    | 739                         | 3                             | 219                       | 99                        | 148          | 121                         | 275                 | 83           | 154          | 348           | 154           | 175           | 316              | 248          |
| 750 to 999 . . . . .                                    | 1,577                       | 2                             | 462                       | 249                       | 285          | 144                         | 490                 | 135          | 350          | 719           | 374           | 428           | 640              | 509          |
| 1,000 to 1,499 . . . . .                                | 3,709                       | 29                            | 407                       | 546                       | 656          | 334                         | 974                 | 252          | 718          | 1,725         | 1,015         | 1,047         | 1,655            | 1,007        |
| 1,500 to 1,999 . . . . .                                | 2,484                       | 35                            | 120                       | 379                       | 369          | 207                         | 507                 | 202          | 433          | 1,105         | 744           | 673           | 1,217            | 594          |
| 2,000 to 2,499 . . . . .                                | 1,227                       | 18                            | 25                        | 149                       | 137          | 116                         | 225                 | 122          | 279          | 469           | 357           | 319           | 567              | 342          |
| 2,500 to 2,999 . . . . .                                | 475                         | 20                            | 1                         | 75                        | 58           | 26                          | 76                  | 73           | 73           | 204           | 126           | 121           | 251              | 103          |
| 3,000 to 3,999 . . . . .                                | 330                         | 7                             | 3                         | 39                        | 36           | 28                          | 55                  | 37           | 87           | 117           | 89            | 85            | 156              | 90           |
| 4,000 or more . . . . .                                 | 245                         | 5                             | 6                         | 34                        | 27           | 25                          | 51                  | 38           | 58           | 79            | 69            | 72            | 101              | 72           |
| Not reported . . . . .                                  | 1,563                       | 30                            | 200                       | 386                       | 363          | 165                         | 563                 | 184          | 322          | 643           | 414           | 545           | 635              | 382          |
| <b>Median (square feet) . . . . .</b>                   | <b>1,301</b>                | <b>1,700</b>                  | <b>980</b>                | <b>1,300</b>              | <b>1,200</b> | <b>1,205</b>                | <b>1,200</b>        | <b>1,400</b> | <b>1,300</b> | <b>1,295</b>  | <b>1,400</b>  | <b>1,300</b>  | <b>1,400</b>     | <b>1,215</b> |
| <b>Square Feet Per Person</b>                           |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Single detached and manufactured/mobile homes . . . . . | 12,611                      | 149                           | 1,512                     | 1,988                     | 2,144        | 1,202                       | 3,304               | 1,163        | 2,499        | 5,532         | 3,417         | 3,547         | 5,641            | 3,423        |
| Less than 200 . . . . .                                 | 598                         | Z                             | 134                       | 112                       | 255          | 25                          | 263                 | 59           | 102          | 265           | 171           | 187           | 235              | 176          |
| 200 to 299 . . . . .                                    | 1,379                       | 7                             | 273                       | 225                       | 429          | 49                          | 510                 | 107          | 254          | 592           | 425           | 449           | 634              | 296          |
| 300 to 399 . . . . .                                    | 1,628                       | 12                            | 199                       | 229                       | 329          | 57                          | 447                 | 126          | 309          | 707           | 485           | 399           | 796              | 432          |
| 400 to 499 . . . . .                                    | 1,448                       | 14                            | 223                       | 253                       | 193          | 113                         | 322                 | 112          | 274          | 646           | 415           | 407           | 642              | 399          |
| 500 to 599 . . . . .                                    | 1,150                       | 17                            | 69                        | 161                       | 125          | 93                          | 231                 | 87           | 224          | 521           | 317           | 307           | 529              | 314          |
| 600 to 699 . . . . .                                    | 1,030                       | 16                            | 97                        | 103                       | 141          | 103                         | 183                 | 101          | 213          | 467           | 249           | 285           | 441              | 303          |
| 700 to 799 . . . . .                                    | 600                         | 13                            | 66                        | 83                        | 63           | 74                          | 116                 | 54           | 123          | 281           | 143           | 166           | 276              | 157          |
| 800 to 899 . . . . .                                    | 496                         | 6                             | 43                        | 69                        | 52           | 83                          | 96                  | 62           | 83           | 223           | 128           | 128           | 226              | 142          |
| 900 to 999 . . . . .                                    | 486                         | 2                             | 74                        | 57                        | 33           | 44                          | 103                 | 47           | 106          | 214           | 119           | 112           | 227              | 147          |
| 1,000 to 1,499 . . . . .                                | 1,226                       | 16                            | 101                       | 156                       | 89           | 219                         | 271                 | 120          | 243          | 573           | 290           | 295           | 551              | 380          |
| 1,500 or more . . . . .                                 | 1,008                       | 15                            | 34                        | 155                       | 72           | 177                         | 199                 | 103          | 245          | 399           | 261           | 269           | 447              | 293          |
| Not reported . . . . .                                  | 1,563                       | 30                            | 200                       | 386                       | 363          | 165                         | 563                 | 184          | 322          | 643           | 414           | 545           | 635              | 382          |
| <b>Median (square feet) . . . . .</b>                   | <b>500</b>                  | <b>625</b>                    | <b>400</b>                | <b>480</b>                | <b>350</b>   | <b>800</b>                  | <b>433</b>          | <b>576</b>   | <b>544</b>   | <b>500</b>    | <b>500</b>    | <b>500</b>    | <b>500</b>       | <b>540</b>   |

See footnotes at end of table.

Table C-02-RO.

**Rooms, Size, and Amenities—Renter-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                      | Total renter-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |        |       | Inside MSA   |                  | Outside MSA |
|------------------------------------------------------|-----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|--------|-------|--------------|------------------|-------------|
|                                                      |                             | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South  | West  | Central city | Not central city |             |
| <b>Lot Size</b>                                      |                             |                               |                           |                           |          |                             |                     |            |         |        |       |              |                  |             |
| 1-unit structures¹                                   | 14,677                      | 203                           | 1,508                     | 2,575                     | 2,538    | 1,450                       | 3,928               | 1,596      | 2,819   | 6,294  | 3,968 | 4,563        | 6,514            | 3,600       |
| Less than 1/8 acre                                   | 3,614                       | 57                            | 393                       | 740                       | 811      | 361                         | 1,026               | 463        | 701     | 1,230  | 1,221 | 1,540        | 1,510            | 564         |
| 1/8 up to 1/4 acre                                   | 4,389                       | 57                            | 335                       | 845                       | 920      | 425                         | 1,228               | 337        | 857     | 1,761  | 1,434 | 1,649        | 1,991            | 749         |
| 1/4 up to 1/2 acre                                   | 2,151                       | 30                            | 117                       | 408                       | 336      | 195                         | 522                 | 220        | 396     | 983    | 552   | 649          | 993              | 509         |
| 1/2 up to 1 acre                                     | 1,387                       | 15                            | 147                       | 212                       | 172      | 128                         | 346                 | 190        | 229     | 737    | 231   | 273          | 692              | 422         |
| 1 up to 5 acres                                      | 2,433                       | 19                            | 396                       | 313                       | 222      | 262                         | 622                 | 295        | 467     | 1,299  | 371   | 369          | 1,002            | 1,063       |
| 5 up to 10 acres                                     | 259                         | 8                             | 70                        | 15                        | 32       | 32                          | 71                  | 34         | 57      | 87     | 81    | 26           | 129              | 104         |
| 10 acres or more                                     | 444                         | 16                            | 50                        | 42                        | 46       | 47                          | 113                 | 58         | 112     | 197    | 77    | 57           | 198              | 190         |
| Median (acres)                                       | 0.19                        | 0.19                          | 0.25                      | 0.13                      | 0.13     | 0.19                        | 0.16                | 0.24       | 0.20    | 0.25   | 0.14  | 0.13         | 0.20             | 0.45        |
| <b>Rooms Used for Business</b>                       |                             |                               |                           |                           |          |                             |                     |            |         |        |       |              |                  |             |
| Business only                                        |                             |                               |                           |                           |          |                             |                     |            |         |        |       |              |                  |             |
| 1 or more rooms with direct access²                  | 2,562                       | 50                            | 116                       | 638                       | 484      | 323                         | 781                 | 536        | 397     | 1,098  | 531   | 1,111        | 1,072            | 379         |
| 1 or more rooms, no direct access²                   | 1,203                       | 13                            | 43                        | 220                       | 178      | 127                         | 240                 | 225        | 202     | 433    | 343   | 481          | 565              | 157         |
| Not reported                                         | 151                         | 5                             | 11                        | 37                        | 16       | 19                          | 30                  | 24         | 27      | 65     | 35    | 61           | 64               | 27          |
| Business and other use                               |                             |                               |                           |                           |          |                             |                     |            |         |        |       |              |                  |             |
| 1 or more rooms                                      | 4,590                       | 90                            | 116                       | 913                       | 682      | 373                         | 991                 | 789        | 815     | 1,694  | 1,292 | 1,965        | 2,005            | 620         |
| Not reported                                         | 163                         | 5                             | 11                        | 40                        | 19       | 19                          | 33                  | 26         | 32      | 68     | 37    | 63           | 68               | 31          |
| <b>Selected Amenities³</b>                           |                             |                               |                           |                           |          |                             |                     |            |         |        |       |              |                  |             |
| Porch, deck, balcony, or patio                       | 27,665                      | 516                           | 1,263                     | 5,508                     | 4,819    | 3,057                       | 7,428               | 3,630      | 5,437   | 10,916 | 7,682 | 10,363       | 12,546           | 4,755       |
| Telephone available                                  | 37,344                      | 607                           | 1,458                     | 7,700                     | 6,988    | 4,660                       | 10,677              | 7,348      | 7,433   | 12,974 | 9,588 | 15,801       | 15,713           | 5,830       |
| Usable fireplace                                     | 5,672                       | 82                            | 101                       | 896                       | 856      | 435                         | 931                 | 433        | 756     | 2,149  | 2,334 | 1,978        | 3,076            | 618         |
| Separate dining room                                 | 11,623                      | 152                           | 331                       | 2,609                     | 2,180    | 1,115                       | 2,924               | 2,127      | 2,338   | 4,333  | 2,825 | 4,791        | 5,227            | 1,605       |
| With 2 or more living rooms or recreation rooms, etc | 3,334                       | 54                            | 106                       | 510                       | 369      | 313                         | 532                 | 509        | 700     | 1,157  | 969   | 1,062        | 1,662            | 610         |
| <b>Vehicle Parking</b>                               |                             |                               |                           |                           |          |                             |                     |            |         |        |       |              |                  |             |
| Garage or carport included with home                 | 15,042                      | 356                           | 334                       | 2,109                     | 2,939    | 1,647                       | 3,228               | 1,398      | 3,155   | 4,177  | 6,312 | 5,662        | 7,118            | 2,261       |
| Garage or carport not included with home             | 23,757                      | 318                           | 1,176                     | 5,920                     | 4,369    | 3,158                       | 7,890               | 6,183      | 4,489   | 9,285  | 3,800 | 10,826       | 9,133            | 3,798       |
| Driveway or off-street parking available             | 19,039                      | 265                           | 1,115                     | 4,705                     | 3,231    | 2,483                       | 6,339               | 3,480      | 3,841   | 8,614  | 3,105 | 7,198        | 8,278            | 3,564       |
| Driveway or off-street parking not available         | 4,707                       | 53                            | 60                        | 1,214                     | 1,136    | 673                         | 1,546               | 2,697      | 646     | 671    | 693   | 3,618        | 854              | 234         |
| Driveway or off-street parking not reported          | 10                          | Z                             | Z                         | 1                         | 2        | 2                           | 5                   | 6          | 2       | Z      | 2     | 9            | 1                | Z           |
| Garage or carport not reported                       | 17                          | Z                             | 3                         | 4                         | 3        | 3                           | 8                   | 4          | 7       | 3      | 3     | 14           | Z                | 3           |
| <b>Vehicles Available³</b>                           |                             |                               |                           |                           |          |                             |                     |            |         |        |       |              |                  |             |
| Vehicle(s) (cars, trucks, or vans)⁴                  | 31,514                      | 587                           | 1,348                     | 5,695                     | 5,900    | 3,082                       | 7,496               | 4,875      | 6,304   | 11,507 | 8,828 | 12,047       | 14,185           | 5,282       |
| 1 vehicle                                            | 17,294                      | 340                           | 668                       | 3,685                     | 2,865    | 2,206                       | 4,932               | 2,998      | 3,614   | 6,269  | 4,413 | 7,092        | 7,463            | 2,739       |
| 2 vehicles                                           | 10,324                      | 178                           | 468                       | 1,445                     | 2,129    | 586                         | 1,811               | 1,327      | 2,042   | 3,853  | 3,101 | 3,531        | 5,013            | 1,779       |
| 3 or more vehicles                                   | 3,897                       | 69                            | 211                       | 564                       | 907      | 290                         | 753                 | 550        | 648     | 1,386  | 1,313 | 1,424        | 1,710            | 763         |
| No vehicles                                          | 7,302                       | 86                            | 164                       | 2,338                     | 1,411    | 1,726                       | 3,629               | 2,711      | 1,346   | 1,958  | 1,288 | 4,456        | 2,066            | 780         |
| Car(s)                                               | 26,889                      | 519                           | 988                       | 4,935                     | 4,882    | 2,690                       | 6,103               | 4,355      | 5,292   | 9,525  | 7,717 | 10,458       | 12,231           | 4,200       |
| 1 car                                                | 18,854                      | 365                           | 708                       | 3,766                     | 3,306    | 2,247                       | 4,842               | 3,177      | 3,849   | 6,822  | 5,006 | 7,569        | 8,292            | 2,994       |
| 2 cars                                               | 6,811                       | 135                           | 245                       | 1,032                     | 1,322    | 394                         | 1,082               | 1,049      | 1,247   | 2,321  | 2,195 | 2,454        | 3,356            | 1,002       |
| 3 or more cars                                       | 1,223                       | 19                            | 35                        | 137                       | 253      | 50                          | 178                 | 129        | 197     | 381    | 516   | 435          | 583              | 204         |
| No cars                                              | 11,927                      | 155                           | 524                       | 3,097                     | 2,430    | 2,118                       | 5,023               | 3,230      | 2,358   | 3,940  | 2,398 | 6,045        | 4,020            | 1,862       |
| Truck(s) or van(s)⁴                                  | 11,422                      | 188                           | 740                       | 1,769                     | 2,607    | 883                         | 2,782               | 1,347      | 2,322   | 4,567  | 3,185 | 3,956        | 4,970            | 2,495       |
| 1 truck or van                                       | 8,600                       | 144                           | 509                       | 1,341                     | 1,914    | 604                         | 2,100               | 847        | 1,850   | 3,434  | 2,469 | 2,931        | 3,764            | 1,905       |
| 2 or more truck(s) or van(s)                         | 2,822                       | 44                            | 231                       | 428                       | 693      | 279                         | 683                 | 500        | 472     | 1,134  | 717   | 1,026        | 1,206            | 590         |
| No truck(s) or van(s)                                | 27,394                      | 485                           | 772                       | 6,263                     | 4,704    | 3,925                       | 8,343               | 6,238      | 5,328   | 8,898  | 6,930 | 12,546       | 11,281           | 3,567       |

<sup>1</sup> Does not include cooperatives or condominiums.<sup>2</sup> From the outside.<sup>3</sup> Figures may not add to total because more than one category may apply to a unit.<sup>4</sup> Includes SUVs.

Table C-03-RO.

**Heating, Air Conditioning, and Appliances—Renter-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                  | Total renter-occupied units | Housing unit characteristics  |                           | Household characteristics |              |                             |                     | Regions      |              |               |               | Inside MSA    |                  | Outside MSA  |
|------------------------------------------------------------------|-----------------------------|-------------------------------|---------------------------|---------------------------|--------------|-----------------------------|---------------------|--------------|--------------|---------------|---------------|---------------|------------------|--------------|
|                                                                  |                             | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic     | Elderly (65 years and over) | Below poverty level | North-east   | Midwest      | South         | West          | Central city  | Not central city |              |
| <b>Total</b> .....                                               | <b>38,816</b>               | <b>673</b>                    | <b>1,512</b>              | <b>8,033</b>              | <b>7,311</b> | <b>4,808</b>                | <b>11,126</b>       | <b>7,585</b> | <b>7,650</b> | <b>13,465</b> | <b>10,115</b> | <b>16,502</b> | <b>16,251</b>    | <b>6,062</b> |
| <b>Units Using Each Fuel<sup>1</sup></b>                         |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Electricity .....                                                | 38,805                      | 670                           | 1,512                     | 8,031                     | 7,311        | 4,808                       | 11,122              | 7,576        | 7,650        | 13,465        | 10,114        | 16,500        | 16,243           | 6,062        |
| Piped gas .....                                                  | 23,458                      | 248                           | 397                       | 4,891                     | 5,002        | 2,686                       | 6,627               | 5,628        | 5,543        | 4,840         | 7,447         | 11,473        | 9,200            | 2,785        |
| Bottled gas .....                                                | 1,369                       | 17                            | 347                       | 114                       | 140          | 176                         | 365                 | 349          | 276          | 526           | 218           | 113           | 611              | 645          |
| Fuel oil .....                                                   | 3,018                       | 16                            | 52                        | 523                       | 671          | 485                         | 771                 | 2,616        | 150          | 185           | 67            | 1,800         | 862              | 356          |
| Kerosene or other liquid fuel .....                              | 181                         | Z                             | 41                        | 53                        | 21           | 15                          | 62                  | 32           | 9            | 133           | 8             | 39            | 79               | 63           |
| Coal or coke .....                                               | 14                          | Z                             | Z                         | Z                         | Z            | Z                           | 3                   | 9            | 2            | 3             | Z             | Z             | 5                | 8            |
| Wood .....                                                       | 278                         | 4                             | 49                        | 11                        | 21           | 43                          | 95                  | 45           | 43           | 80            | 110           | 18            | 107              | 153          |
| Solar energy .....                                               | 22                          | 3                             | Z                         | 2                         | 3            | 5                           | 5                   | Z            | Z            | Z             | 22            | 10            | 9                | 3            |
| Other .....                                                      | 167                         | 7                             | 2                         | 26                        | 28           | 22                          | 56                  | 30           | 52           | 26            | 59            | 76            | 70               | 21           |
| All electric units .....                                         | 13,405                      | 408                           | 709                       | 3,059                     | 2,157        | 1,822                       | 3,984               | 919          | 1,865        | 8,037         | 2,585         | 4,905         | 6,145            | 2,355        |
| <b>Main Heating Equipment</b>                                    |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Warm-air furnace .....                                           | 22,015                      | 443                           | 1,060                     | 4,836                     | 3,649        | 2,394                       | 6,154               | 2,673        | 5,522        | 8,251         | 5,569         | 8,933         | 9,561            | 3,521        |
| Steam or hot water system .....                                  | 5,259                       | 15                            | 2                         | 1,104                     | 1,131        | 845                         | 1,408               | 3,748        | 937          | 241           | 334           | 3,178         | 1,664            | 417          |
| Electric heat pump .....                                         | 3,741                       | 132                           | 214                       | 964                       | 619          | 456                         | 929                 | 116          | 194          | 2,935         | 495           | 1,350         | 1,861            | 530          |
| Built-in electric units .....                                    | 2,867                       | 44                            | 6                         | 369                       | 400          | 494                         | 865                 | 729          | 689          | 325           | 1,124         | 1,044         | 1,166            | 656          |
| Floor, wall, or other built-in hot-air units without ducts ..... | 2,697                       | 32                            | 37                        | 404                       | 915          | 325                         | 904                 | 186          | 178          | 494           | 1,840         | 1,239         | 1,162            | 297          |
| Room heaters with flue .....                                     | 377                         | 5                             | 12                        | 53                        | 66           | 58                          | 133                 | 61           | 36           | 157           | 123           | 148           | 95               | 135          |
| Room heaters without flue .....                                  | 465                         | Z                             | 58                        | 142                       | 62           | 67                          | 201                 | 15           | 37           | 383           | 30            | 124           | 109              | 231          |
| Portable electric heaters .....                                  | 711                         | Z                             | 85                        | 97                        | 289          | 95                          | 296                 | 19           | 22           | 445           | 225           | 286           | 296              | 129          |
| Stoves .....                                                     | 188                         | Z                             | 23                        | 10                        | 16           | 32                          | 59                  | 10           | 26           | 61            | 92            | 13            | 60               | 115          |
| Fireplaces with inserts .....                                    | 10                          | Z                             | Z                         | Z                         | 2            | 1                           | 1                   | Z            | 2            | 1             | 7             | 5             | 3                | 2            |
| Fireplaces without inserts .....                                 | 17                          | Z                             | 2                         | Z                         | 2            | Z                           | 4                   | Z            | 2            | 9             | 6             | 6             | 9                | 2            |
| Cooking stove .....                                              | 53                          | Z                             | 2                         | 10                        | 21           | 5                           | 19                  | 19           | Z            | 26            | 8             | 29            | 18               | 5            |
| Other .....                                                      | 162                         | Z                             | 6                         | 32                        | 41           | 11                          | 63                  | 9            | 5            | 91            | 57            | 68            | 76               | 18           |
| None .....                                                       | 253                         | 2                             | 5                         | 10                        | 98           | 24                          | 88                  | Z            | 1            | 46            | 207           | 78            | 172              | 3            |
| <b>Main House Heating Fuel</b>                                   |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Housing units with heating fuel .....                            | 38,563                      | 671                           | 1,507                     | 8,022                     | 7,213        | 4,784                       | 11,038              | 7,585        | 7,650        | 13,419        | 9,909         | 16,424        | 16,080           | 6,059        |
| Electricity .....                                                | 17,484                      | 465                           | 817                       | 3,941                     | 3,256        | 2,232                       | 5,204               | 1,464        | 2,386        | 9,421         | 4,213         | 6,944         | 7,755            | 2,786        |
| Piped gas .....                                                  | 17,064                      | 172                           | 337                       | 3,527                     | 3,266        | 1,940                       | 4,810               | 3,622        | 4,801        | 3,282         | 5,358         | 7,790         | 6,992            | 2,282        |
| Bottled gas .....                                                | 875                         | 10                            | 227                       | 57                        | 73           | 116                         | 213                 | 155          | 236          | 346           | 138           | 71            | 368              | 436          |
| Fuel oil .....                                                   | 2,571                       | 16                            | 33                        | 424                       | 561          | 423                         | 621                 | 2,243        | 135          | 148           | 45            | 1,513         | 740              | 317          |
| Kerosene or other liquid fuel .....                              | 181                         | Z                             | 41                        | 53                        | 21           | 15                          | 62                  | 32           | 9            | 132           | 8             | 39            | 79               | 63           |
| Coal or coke .....                                               | 14                          | Z                             | Z                         | Z                         | Z            | Z                           | 3                   | 8            | 2            | 3             | Z             | Z             | 5                | 8            |
| Wood .....                                                       | 278                         | 4                             | 49                        | 11                        | 21           | 43                          | 95                  | 45           | 43           | 80            | 110           | 18            | 107              | 153          |
| Solar energy .....                                               | 5                           | 3                             | Z                         | Z                         | Z            | 3                           | 1                   | Z            | Z            | Z             | 5             | 2             | 3                | Z            |
| Other .....                                                      | 91                          | 2                             | 2                         | 9                         | 14           | 12                          | 28                  | 15           | 38           | 8             | 31            | 47            | 30               | 14           |
| <b>Other Heating Equipment<sup>1</sup></b>                       |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Warm-air furnace .....                                           | 29                          | Z                             | 5                         | 3                         | 6            | 4                           | 5                   | 3            | 11           | 12            | 4             | 15            | 8                | 7            |
| Steam or hot water system .....                                  | 4                           | Z                             | Z                         | 2                         | Z            | 2                           | 2                   | 2            | 2            | Z             | Z             | 3             | Z                | 2            |
| Electric heat pump .....                                         | 31                          | Z                             | Z                         | 11                        | 1            | 11                          | 11                  | 2            | 5            | 19            | 5             | 13            | 9                | 10           |
| Built-in electric units .....                                    | 497                         | 8                             | 11                        | 52                        | 50           | 70                          | 130                 | 66           | 90           | 151           | 191           | 204           | 174              | 119          |
| Floor, wall, or other built-in hot-air units without ducts ..... | 14                          | Z                             | Z                         | 1                         | 3            | 3                           | 5                   | Z            | 2            | 5             | 7             | 6             | 7                | 2            |
| Room heaters with flue .....                                     | 95                          | Z                             | 10                        | 16                        | 13           | 17                          | 19                  | 15           | 19           | 35            | 26            | 21            | 30               | 43           |
| Room heaters without flue .....                                  | 280                         | 1                             | 32                        | 51                        | 16           | 42                          | 69                  | 38           | 56           | 156           | 31            | 96            | 78               | 106          |
| Portable electric heaters .....                                  | 4,694                       | 40                            | 274                       | 960                       | 784          | 539                         | 1,294               | 855          | 968          | 1,476         | 1,395         | 1,948         | 1,850            | 896          |
| Stoves .....                                                     | 418                         | 3                             | 28                        | 30                        | 49           | 39                          | 112                 | 78           | 74           | 111           | 154           | 53            | 169              | 196          |
| Fireplaces with inserts .....                                    | 543                         | 8                             | 47                        | 95                        | 62           | 35                          | 101                 | 53           | 77           | 214           | 199           | 125           | 312              | 106          |
| Fireplaces without inserts .....                                 | 1,148                       | 20                            | 10                        | 196                       | 195          | 60                          | 204                 | 76           | 128          | 405           | 539           | 416           | 617              | 116          |
| Cooking stove .....                                              | 31                          | Z                             | Z                         | 11                        | 1            | 11                          | 11                  | 2            | 5            | 19            | 5             | 13            | 9                | 10           |
| Other .....                                                      | 114                         | 3                             | 5                         | 13                        | 5            | 15                          | 30                  | 26           | 14           | 44            | 30            | 27            | 65               | 22           |
| None .....                                                       | 30,975                      | 586                           | 1,102                     | 6,574                     | 6,032        | 3,920                       | 9,100               | 6,342        | 6,259        | 10,904        | 7,470         | 13,526        | 12,904           | 4,545        |
| <b>Air Conditioning<sup>2</sup></b>                              |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Central .....                                                    | 20,615                      | 548                           | 834                       | 4,726                     | 3,493        | 2,381                       | 5,432               | 1,468        | 4,064        | 10,880        | 4,204         | 7,956         | 9,646            | 3,014        |
| Additional central .....                                         | 1,188                       | 31                            | 44                        | 285                       | 269          | 139                         | 351                 | 83           | 121          | 765           | 219           | 429           | 596              | 163          |
| Room (air conditioning) units:                                   |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| 1 unit .....                                                     | 6,822                       | 44                            | 195                       | 1,381                     | 1,267        | 1,055                       | 2,299               | 2,424        | 1,977        | 850           | 1,571         | 3,202         | 2,429            | 1,191        |
| 2 units .....                                                    | 3,664                       | 13                            | 237                       | 710                       | 776          | 436                         | 1,080               | 1,734        | 701          | 858           | 372           | 1,707         | 1,379            | 579          |
| 3 units or more .....                                            | 1,724                       | 2                             | 77                        | 338                       | 406          | 144                         | 446                 | 829          | 226          | 538           | 131           | 847           | 572              | 305          |

See footnotes at end of table.

Table C-03-RO.

**Heating, Air Conditioning, and Appliances—Renter-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                                | Total<br>renter-<br>occu-<br>pied<br>units | Housing unit<br>characteristics             |                                       | Household characteristics |          |                                         |                           | Regions        |         |        |        | Inside MSA      |                        | Outside<br>MSA |
|--------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------|---------------------------------------|---------------------------|----------|-----------------------------------------|---------------------------|----------------|---------|--------|--------|-----------------|------------------------|----------------|
|                                                                                |                                            | New<br>con-<br>struction<br>past 4<br>years | Manu-<br>factured/<br>mobile<br>homes | Black<br>alone            | Hispanic | Elderly<br>(65<br>years<br>and<br>over) | Below<br>poverty<br>level | North-<br>east | Midwest | South  | West   | Central<br>city | Not<br>central<br>city |                |
|                                                                                |                                            |                                             |                                       |                           |          |                                         |                           |                |         |        |        |                 |                        |                |
| <b>Central Air Conditioning Fuel</b>                                           |                                            |                                             |                                       |                           |          |                                         |                           |                |         |        |        |                 |                        |                |
| With central air conditioning . . .                                            | 20,615                                     | 548                                         | 834                                   | 4,726                     | 3,493    | 2,381                                   | 5,432                     | 1,468          | 4,064   | 10,880 | 4,204  | 7,956           | 9,646                  | 3,014          |
| Electricity . . . . .                                                          | 20,213                                     | 538                                         | 823                                   | 4,640                     | 3,426    | 2,335                                   | 5,330                     | 1,399          | 3,960   | 10,790 | 4,064  | 7,781           | 9,454                  | 2,978          |
| Piped gas . . . . .                                                            | 375                                        | 8                                           | 10                                    | 79                        | 64       | 42                                      | 96                        | 63             | 101     | 83     | 128    | 171             | 173                    | 30             |
| Other . . . . .                                                                | 27                                         | 3                                           | 1                                     | 6                         | 3        | 4                                       | 6                         | 6              | 3       | 6      | 13     | 4               | 19                     | 5              |
| <b>Other Central Air Fuel</b>                                                  |                                            |                                             |                                       |                           |          |                                         |                           |                |         |        |        |                 |                        |                |
| With other central air . . . . .                                               | 1,188                                      | 31                                          | 44                                    | 285                       | 269      | 139                                     | 351                       | 83             | 121     | 765    | 219    | 429             | 596                    | 163            |
| Electricity . . . . .                                                          | 1,157                                      | 31                                          | 44                                    | 281                       | 259      | 137                                     | 337                       | 81             | 111     | 750    | 214    | 412             | 594                    | 152            |
| Gas . . . . .                                                                  | 31                                         | Z                                           | Z                                     | 3                         | 10       | 2                                       | 14                        | 2              | 10      | 15     | 4      | 16              | 3                      | 12             |
| Other . . . . .                                                                | Z                                          | Z                                           | Z                                     | Z                         | Z        | Z                                       | Z                         | Z              | Z       | Z      | Z      | Z               | Z                      | Z              |
| <b>Water Heating Fuel</b>                                                      |                                            |                                             |                                       |                           |          |                                         |                           |                |         |        |        |                 |                        |                |
| With hot piped water . . . . .                                                 | 38,722                                     | 673                                         | 1,507                                 | 8,006                     | 7,300    | 4,796                                   | 11,070                    | 7,546          | 7,634   | 13,437 | 10,105 | 16,449          | 16,229                 | 6,043          |
| Electricity . . . . .                                                          | 17,690                                     | 453                                         | 1,126                                 | 3,824                     | 2,710    | 2,346                                   | 5,272                     | 1,814          | 2,900   | 9,638  | 3,337  | 6,237           | 7,867                  | 3,586          |
| Piped gas . . . . .                                                            | 18,649                                     | 202                                         | 255                                   | 3,825                     | 4,057    | 2,079                                   | 5,209                     | 3,893          | 4,573   | 3,595  | 6,587  | 8,975           | 7,612                  | 2,062          |
| Bottled gas . . . . .                                                          | 605                                        | 8                                           | 119                                   | 42                        | 80       | 61                                      | 122                       | 168            | 133     | 165    | 139    | 65              | 287                    | 253            |
| Fuel oil . . . . .                                                             | 1,682                                      | 4                                           | 2                                     | 299                       | 441      | 292                                     | 438                       | 1,654          | 2       | 23     | 2      | 1,137           | 427                    | 117            |
| Solar energy . . . . .                                                         | 20                                         | 3                                           | Z                                     | 2                         | 3        | 5                                       | 4                         | Z              | Z       | Z      | 20     | 8               | 9                      | 3              |
| Other . . . . .                                                                | 76                                         | 3                                           | 5                                     | 15                        | 8        | 13                                      | 26                        | 17             | 25      | 15     | 19     | 27              | 26                     | 22             |
| <b>Kitchen and Laundry Equipment<sup>1</sup></b>                               |                                            |                                             |                                       |                           |          |                                         |                           |                |         |        |        |                 |                        |                |
| With complete kitchen (sink, refrigera-<br>tor, and oven or burners) . . . . . | 37,256                                     | 653                                         | 1,506                                 | 7,695                     | 6,980    | 4,635                                   | 10,591                    | 7,179          | 7,342   | 13,139 | 9,596  | 15,712          | 15,659                 | 5,885          |
| Lacking complete kitchen facilities. . . . .                                   | 1,560                                      | 21                                          | 6                                     | 338                       | 331      | 173                                     | 535                       | 406            | 308     | 326    | 519    | 790             | 592                    | 177            |
| Kitchen sink . . . . .                                                         | 38,628                                     | 673                                         | 1,511                                 | 7,997                     | 7,271    | 4,782                                   | 11,040                    | 7,536          | 7,620   | 13,443 | 10,029 | 16,409          | 16,175                 | 6,044          |
| Disposal in kitchen sink . . . . .                                             | 18,243                                     | 513                                         | 169                                   | 3,459                     | 3,515    | 2,009                                   | 4,302                     | 1,356          | 3,504   | 6,435  | 6,948  | 7,577           | 8,993                  | 1,673          |
| Refrigerator . . . . .                                                         | 38,651                                     | 672                                         | 1,507                                 | 8,004                     | 7,279    | 4,778                                   | 11,048                    | 7,540          | 7,619   | 13,427 | 10,065 | 16,414          | 16,197                 | 6,040          |
| Cooking stove or range . . . . .                                               | 38,283                                     | 671                                         | 1,495                                 | 7,950                     | 7,190    | 4,665                                   | 10,900                    | 7,491          | 7,567   | 13,304 | 9,921  | 16,233          | 16,066                 | 5,984          |
| Burners, no stove or range . . . . .                                           | 116                                        | Z                                           | 11                                    | 25                        | 35       | 28                                      | 54                        | 27             | 14      | 38     | 36     | 53              | 44                     | 18             |
| Microwave oven only . . . . .                                                  | 294                                        | 1                                           | 4                                     | 46                        | 63       | 86                                      | 111                       | 34             | 49      | 101    | 110    | 139             | 103                    | 51             |
| Dishwasher . . . . .                                                           | 19,310                                     | 579                                         | 512                                   | 3,422                     | 2,943    | 1,808                                   | 3,972                     | 2,410          | 3,302   | 7,772  | 5,825  | 7,300           | 9,628                  | 2,382          |
| Trash compactor . . . . .                                                      | 796                                        | 51                                          | 10                                    | 180                       | 205      | 73                                      | 176                       | 119            | 113     | 296    | 266    | 350             | 383                    | 62             |
| Washing machine . . . . .                                                      | 21,943                                     | 534                                         | 1,327                                 | 4,109                     | 3,436    | 2,277                                   | 5,487                     | 2,907          | 4,167   | 9,181  | 5,688  | 7,631           | 10,037                 | 4,275          |
| Clothes dryer . . . . .                                                        | 20,655                                     | 524                                         | 1,203                                 | 3,687                     | 3,002    | 2,003                                   | 4,853                     | 2,494          | 4,074   | 8,615  | 5,472  | 6,930           | 9,658                  | 4,067          |
| <b>ENERGY STAR® Rated Appliances<sup>1</sup></b>                               |                                            |                                             |                                       |                           |          |                                         |                           |                |         |        |        |                 |                        |                |
| Refrigerator . . . . .                                                         | 7,973                                      | 314                                         | 285                                   | 1,551                     | 1,522    | 1,003                                   | 1,937                     | 2,024          | 1,246   | 2,178  | 2,525  | 3,428           | 3,390                  | 1,156          |
| Dishwasher . . . . .                                                           | 3,381                                      | 262                                         | 95                                    | 524                       | 486      | 298                                     | 580                       | 584            | 484     | 1,129  | 1,183  | 1,229           | 1,700                  | 452            |
| Trash compactor . . . . .                                                      | 77                                         | 19                                          | 6                                     | 15                        | 16       | 5                                       | 14                        | 6              | 15      | 30     | 26     | 40              | 28                     | 8              |
| Washing machine . . . . .                                                      | 5,388                                      | 271                                         | 256                                   | 885                       | 823      | 452                                     | 1,122                     | 944            | 880     | 1,940  | 1,623  | 1,865           | 2,566                  | 956            |
| Clothes dryer . . . . .                                                        | 2,915                                      | 66                                          | 131                                   | 448                       | 439      | 235                                     | 607                       | 462            | 562     | 1,078  | 814    | 981             | 1,346                  | 588            |
| Central air conditioning equipment . . . . .                                   | 1,954                                      | 184                                         | 77                                    | 383                       | 293      | 219                                     | 480                       | 190            | 405     | 866    | 494    | 719             | 932                    | 303            |
| Room air conditioner . . . . .                                                 | 3,872                                      | 17                                          | 165                                   | 757                       | 824      | 435                                     | 1,041                     | 2,089          | 622     | 642    | 519    | 2,052           | 1,266                  | 555            |
| Heating equipment . . . . .                                                    | 2,459                                      | 164                                         | 66                                    | 490                       | 409      | 292                                     | 612                       | 551            | 572     | 618    | 718    | 1,084           | 1,028                  | 347            |
| <b>Cooking Fuel</b>                                                            |                                            |                                             |                                       |                           |          |                                         |                           |                |         |        |        |                 |                        |                |
| With cooking fuel . . . . .                                                    | 38,685                                     | 672                                         | 1,509                                 | 8,016                     | 7,285    | 4,776                                   | 11,063                    | 7,547          | 7,630   | 13,441 | 10,067 | 16,419          | 16,212                 | 6,054          |
| Electricity . . . . .                                                          | 23,724                                     | 529                                         | 958                                   | 4,685                     | 3,475    | 3,083                                   | 6,676                     | 2,903          | 4,841   | 10,396 | 5,584  | 8,628           | 10,547                 | 4,549          |
| Piped gas . . . . .                                                            | 14,240                                     | 137                                         | 316                                   | 3,274                     | 3,714    | 1,587                                   | 4,187                     | 4,430          | 2,673   | 2,800  | 4,338  | 7,721           | 5,323                  | 1,197          |
| Bottled gas . . . . .                                                          | 717                                        | 6                                           | 235                                   | 55                        | 96       | 106                                     | 199                       | 212            | 116     | 245    | 144    | 68              | 341                    | 308            |
| Other . . . . .                                                                | 3                                          | Z                                           | Z                                     | 2                         | Z        | 1                                       | Z                         | 2              | Z       | 1      | 1      | 2               | 1                      | Z              |
| <b>Clothes Dryer Fuel</b>                                                      |                                            |                                             |                                       |                           |          |                                         |                           |                |         |        |        |                 |                        |                |
| With clothes dryer . . . . .                                                   | 20,655                                     | 524                                         | 1,203                                 | 3,687                     | 3,002    | 2,003                                   | 4,853                     | 2,494          | 4,074   | 8,615  | 5,472  | 6,930           | 9,658                  | 4,067          |
| Electricity . . . . .                                                          | 17,359                                     | 480                                         | 1,126                                 | 3,132                     | 2,291    | 1,671                                   | 4,157                     | 1,913          | 3,189   | 8,288  | 3,969  | 5,745           | 7,824                  | 3,790          |
| Piped gas . . . . .                                                            | 3,156                                      | 42                                          | 46                                    | 545                       | 689      | 321                                     | 671                       | 553            | 858     | 289    | 1,457  | 1,175           | 1,744                  | 237            |
| Other . . . . .                                                                | 139                                        | 1                                           | 31                                    | 10                        | 22       | 12                                      | 25                        | 28             | 27      | 38     | 46     | 9               | 90                     | 40             |

<sup>1</sup> Figures may not add to total because more than one category may apply to a unit.<sup>2</sup> Includes only those who responded they had some type of air conditioning.

Table C-04-RO.

**Plumbing, Water, and Sewage Disposal—Renter-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                         | Total renter-occupied units | Housing unit characteristics  |                           | Household characteristics |              |                             |                     | Regions      |              |               |               | Inside MSA    |                  | Outside MSA  |
|---------------------------------------------------------|-----------------------------|-------------------------------|---------------------------|---------------------------|--------------|-----------------------------|---------------------|--------------|--------------|---------------|---------------|---------------|------------------|--------------|
|                                                         |                             | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic     | Elderly (65 years and over) | Below poverty level | North-east   | Midwest      | South         | West          | Central city  | Not central city |              |
| <b>Total</b> .....                                      | <b>38,816</b>               | <b>673</b>                    | <b>1,512</b>              | <b>8,033</b>              | <b>7,311</b> | <b>4,808</b>                | <b>11,126</b>       | <b>7,585</b> | <b>7,650</b> | <b>13,465</b> | <b>10,115</b> | <b>16,502</b> | <b>16,251</b>    | <b>6,062</b> |
| <b>Primary Source of Water</b>                          |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Public or private system .....                          | 37,070                      | 648                           | 1,187                     | 7,917                     | 7,164        | 4,577                       | 10,716              | 7,252        | 7,231        | 12,735        | 9,851         | 16,432        | 15,348           | 5,290        |
| Well serving 1 to 5 units .....                         | 1,615                       | 25                            | 300                       | 108                       | 133          | 202                         | 366                 | 306          | 414          | 656           | 240           | 57            | 831              | 728          |
| Drilled .....                                           | 1,331                       | 20                            | 266                       | 92                        | 97           | 165                         | 283                 | 248          | 349          | 541           | 193           | 43            | 701              | 587          |
| Dug .....                                               | 120                         | 3                             | 18                        | 8                         | 18           | 19                          | 35                  | 20           | 29           | 53            | 18            | Z             | 57               | 63           |
| Not reported .....                                      | 165                         | 3                             | 16                        | 8                         | 18           | 18                          | 47                  | 38           | 36           | 61            | 29            | 14            | 73               | 77           |
| Other .....                                             | 131                         | Z                             | 26                        | 7                         | 15           | 28                          | 44                  | 27           | 5            | 74            | 25            | 14            | 73               | 44           |
| <b>Safety of Primary Source of Water</b>                |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Selected primary water sources <sup>1</sup> .....       | 38,773                      | 673                           | 1,512                     | 8,028                     | 7,304        | 4,807                       | 11,116              | 7,579        | 7,650        | 13,440        | 10,104        | 16,492        | 16,221           | 6,059        |
| Safe to drink .....                                     | 33,681                      | 613                           | 1,316                     | 6,898                     | 5,590        | 4,288                       | 9,369               | 6,694        | 7,005        | 11,787        | 8,195         | 14,284        | 13,978           | 5,420        |
| Not safe to drink .....                                 | 4,661                       | 51                            | 178                       | 1,016                     | 1,650        | 439                         | 1,616               | 795          | 564          | 1,492         | 1,810         | 2,045         | 2,054            | 562          |
| Safety not reported .....                               | 431                         | 9                             | 17                        | 114                       | 63           | 80                          | 132                 | 89           | 81           | 162           | 99            | 164           | 189              | 77           |
| <b>Safety of Well Water</b>                             |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Well primary source of water ..                         | 1,812                       | 25                            | 379                       | 120                       | 157          | 213                         | 432                 | 349          | 454          | 720           | 289           | 68            | 941              | 803          |
| Well has been disinfected .....                         | 391                         | 6                             | 95                        | 20                        | 38           | 61                          | 119                 | 68           | 107          | 172           | 44            | 4             | 233              | 153          |
| Well has not been disinfected ..                        | 1,164                       | 11                            | 219                       | 82                        | 75           | 119                         | 235                 | 203          | 294          | 479           | 189           | 52            | 576              | 536          |
| Not reported .....                                      | 257                         | 8                             | 65                        | 18                        | 44           | 34                          | 78                  | 78           | 54           | 69            | 56            | 12            | 131              | 114          |
| <b>Source of Drinking Water</b>                         |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Primary source not safe to drink .....                  | 4,661                       | 51                            | 178                       | 1,016                     | 1,650        | 439                         | 1,616               | 795          | 564          | 1,492         | 1,810         | 2,045         | 2,054            | 562          |
| Drinking and primary water source the same .....        | 620                         | 9                             | 31                        | 136                       | 180          | 66                          | 235                 | 116          | 101          | 253           | 149           | 295           | 230              | 95           |
| Public or private system .....                          | 602                         | 9                             | 29                        | 135                       | 180          | 64                          | 231                 | 115          | 97           | 244           | 146           | 295           | 216              | 91           |
| Individual well .....                                   | 16                          | Z                             | 2                         | 1                         | Z            | Z                           | 4                   | 1            | 4            | 8             | 4             | Z             | 13               | 4            |
| Other .....                                             | 2                           | Z                             | Z                         | Z                         | Z            | 2                           | Z                   | Z            | Z            | 2             | Z             | Z             | 2                | Z            |
| Drinking and primary water source different .....       | 4,039                       | 42                            | 147                       | 879                       | 1,471        | 373                         | 1,379               | 679          | 461          | 1,238         | 1,660         | 1,749         | 1,822            | 467          |
| Public or private system .....                          | 5                           | Z                             | Z                         | Z                         | Z            | Z                           | 3                   | Z            | 5            | Z             | Z             | Z             | 3                | 3            |
| Individual well .....                                   | 6                           | Z                             | Z                         | 3                         | 4            | 1                           | 1                   | 1            | Z            | 3             | 2             | 5             | Z                | 1            |
| Commercial bottled water .....                          | 3,280                       | 36                            | 127                       | 756                       | 1,260        | 289                         | 1,153               | 489          | 379          | 1,064         | 1,348         | 1,376         | 1,540            | 364          |
| Other .....                                             | 748                         | 6                             | 20                        | 120                       | 206          | 82                          | 222                 | 189          | 77           | 171           | 311           | 368           | 279              | 100          |
| Source of drinking water not reported ..                | 2                           | Z                             | Z                         | Z                         | Z            | Z                           | 2                   | Z            | 2            | Z             | Z             | Z             | 2                | Z            |
| <b>Plumbing Facilities</b>                              |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| With all plumbing facilities .....                      | 38,019                      | 665                           | 1,484                     | 7,852                     | 7,179        | 4,704                       | 10,863              | 7,342        | 7,521        | 13,202        | 9,954         | 16,096        | 15,958           | 5,965        |
| Lacking some or all plumbing facilities <sup>2</sup> .. | 797                         | 9                             | 28                        | 181                       | 132          | 104                         | 263                 | 244          | 129          | 262           | 161           | 406           | 294              | 97           |
| No hot piped water .....                                | 94                          | Z                             | 5                         | 27                        | 11           | 12                          | 55                  | 39           | 16           | 28            | 10            | 53            | 22               | 19           |
| No bathtub and no shower .....                          | 93                          | Z                             | 1                         | 8                         | 9            | 20                          | 34                  | 33           | 13           | 28            | 19            | 47            | 37               | 10           |
| No flush toilet .....                                   | 67                          | Z                             | Z                         | 10                        | 8            | 17                          | 32                  | 29           | 9            | 11            | 18            | 45            | 14               | 8            |
| No exclusive use .....                                  | 659                         | 9                             | 21                        | 152                       | 115          | 83                          | 196                 | 198          | 108          | 212           | 141           | 341           | 246              | 73           |
| <b>Means of Sewage Disposal</b>                         |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Public sewer .....                                      | 35,986                      | 639                           | 837                       | 7,870                     | 7,072        | 4,465                       | 10,430              | 7,137        | 7,133        | 12,096        | 9,620         | 16,389        | 14,894           | 4,703        |
| Septic tank, cesspool, or chemical toilet .....         | 2,811                       | 35                            | 676                       | 161                       | 239          | 337                         | 684                 | 438          | 516          | 1,365         | 493           | 99            | 1,355            | 1,356        |
| Other .....                                             | 18                          | Z                             | Z                         | 2                         | Z            | 6                           | 12                  | 10           | 2            | 4             | 2             | 13            | 2                | 2            |

<sup>1</sup> Excludes units where primary source of drinking water is commercial bottled water.<sup>2</sup> Figures may not add to total because more than one category may apply to a unit.

Table C-05-RO.

**Housing Problems—Renter-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                      | Total renter-occupied units | Housing unit characteristics  |                           | Household characteristics |              |                             |                     | Regions      |              |               |               | Inside MSA    |                  | Outside MSA  |
|----------------------------------------------------------------------|-----------------------------|-------------------------------|---------------------------|---------------------------|--------------|-----------------------------|---------------------|--------------|--------------|---------------|---------------|---------------|------------------|--------------|
|                                                                      |                             | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic     | Elderly (65 years and over) | Below poverty level | North-east   | Midwest      | South         | West          | Central city  | Not central city |              |
| <b>Total</b> .....                                                   | <b>38,816</b>               | <b>673</b>                    | <b>1,512</b>              | <b>8,033</b>              | <b>7,311</b> | <b>4,808</b>                | <b>11,126</b>       | <b>7,585</b> | <b>7,650</b> | <b>13,465</b> | <b>10,115</b> | <b>16,502</b> | <b>16,251</b>    | <b>6,062</b> |
| <b>Selected Physical Problems</b>                                    |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Severe physical problems <sup>1</sup> .....                          | 1,207                       | 12                            | 40                        | 339                       | 234          | 149                         | 435                 | 394          | 189          | 361           | 264           | 641           | 430              | 136          |
| Plumbing .....                                                       | 797                         | 9                             | 28                        | 181                       | 132          | 104                         | 263                 | 244          | 129          | 262           | 161           | 406           | 294              | 97           |
| Heating .....                                                        | 365                         | Z                             | 10                        | 141                       | 95           | 43                          | 146                 | 135          | 50           | 81            | 99            | 205           | 131              | 28           |
| Electric .....                                                       | 16                          | 3                             | 1                         | 2                         | Z            | Z                           | 6                   | 9            | Z            | 4             | 3             | 7             | 9                | Z            |
| Upkeep .....                                                         | 57                          | Z                             | 1                         | 23                        | 14           | 4                           | 35                  | 20           | 11           | 20            | 6             | 38            | 7                | 13           |
| Moderate physical problems <sup>1</sup> .....                        | 2,601                       | 23                            | 118                       | 691                       | 524          | 267                         | 968                 | 575          | 463          | 921           | 642           | 1,239         | 875              | 487          |
| Plumbing .....                                                       | 138                         | 3                             | 3                         | 47                        | 43           | 13                          | 51                  | 39           | 16           | 51            | 32            | 74            | 42               | 21           |
| Heating .....                                                        | 424                         | Z                             | 58                        | 132                       | 61           | 66                          | 190                 | 15           | 32           | 350           | 27            | 116           | 85               | 223          |
| Upkeep .....                                                         | 700                         | Z                             | 56                        | 225                       | 131          | 44                          | 299                 | 213          | 138          | 238           | 112           | 392           | 217              | 92           |
| Kitchen .....                                                        | 1,438                       | 21                            | 5                         | 318                       | 309          | 156                         | 471                 | 353          | 293          | 306           | 486           | 718           | 550              | 169          |
| <b>Selected Deficiencies<sup>1</sup></b>                             |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Signs of rats in last 12 months .....                                | 510                         | Z                             | 45                        | 135                       | 120          | 68                          | 207                 | 120          | 38           | 201           | 151           | 264           | 184              | 63           |
| Signs of mice in last 12 months .....                                | 3,867                       | 11                            | 277                       | 917                       | 758          | 459                         | 1,292               | 1,359        | 744          | 1,109         | 654           | 1,849         | 1,246            | 771          |
| Signs of rodents, not sure which kind in last 12 months .....        | 328                         | 1                             | 16                        | 86                        | 76           | 36                          | 115                 | 48           | 39           | 179           | 63            | 155           | 137              | 36           |
| Signs of cockroaches in last 12 months .....                         | 6,884                       | 65                            | 259                       | 1,906                     | 2,014        | 662                         | 2,580               | 1,204        | 544          | 3,506         | 1,631         | 3,785         | 2,497            | 602          |
| Holes in floors .....                                                | 608                         | 7                             | 61                        | 194                       | 128          | 58                          | 251                 | 160          | 101          | 245           | 103           | 341           | 170              | 96           |
| Open cracks or holes (interior) .....                                | 2,769                       | 8                             | 157                       | 764                       | 552          | 185                         | 988                 | 691          | 469          | 996           | 613           | 1,375         | 974              | 420          |
| Broken plaster or peeling paint (interior) .....                     | 1,214                       | 3                             | 23                        | 387                       | 268          | 108                         | 438                 | 373          | 232          | 382           | 227           | 727           | 312              | 175          |
| No electrical wiring .....                                           | 80                          | 3                             | 1                         | 8                         | 20           | 6                           | 32                  | 23           | 1            | 38            | 18            | 35            | 44               | Z            |
| Exposed wiring .....                                                 | 822                         | 13                            | 40                        | 228                       | 148          | 82                          | 299                 | 164          | 168          | 309           | 180           | 350           | 317              | 154          |
| Rooms without electric outlets .....                                 | 378                         | 8                             | 24                        | 122                       | 75           | 29                          | 134                 | 94           | 51           | 154           | 79            | 191           | 133              | 54           |
| <b>Flush Toilet Breakdowns</b>                                       |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| With one or more flush toilets .....                                 | 38,749                      | 673                           | 1,512                     | 8,023                     | 7,303        | 4,791                       | 11,094              | 7,556        | 7,641        | 13,454        | 10,098        | 16,458        | 16,238           | 6,054        |
| With at least one toilet working at all times in last 3 months ..... | 37,104                      | 660                           | 1,467                     | 7,604                     | 6,984        | 4,640                       | 10,507              | 7,242        | 7,333        | 12,851        | 9,679         | 15,736        | 15,546           | 5,823        |
| None working some time in last 3 months .....                        | 1,308                       | 12                            | 24                        | 346                       | 269          | 98                          | 488                 | 264          | 226          | 463           | 356           | 616           | 528              | 164          |
| No breakdowns lasting 6 hours or more .....                          | 376                         | Z                             | 6                         | 74                        | 78           | 40                          | 127                 | 70           | 78           | 108           | 120           | 174           | 155              | 48           |
| Number of breakdowns that lasted 6 hours or more:                    |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| 1 .....                                                              | 594                         | 9                             | 12                        | 166                       | 104          | 32                          | 231                 | 124          | 93           | 231           | 147           | 264           | 259              | 71           |
| 2 .....                                                              | 167                         | Z                             | 2                         | 49                        | 39           | 10                          | 73                  | 17           | 36           | 70            | 44            | 86            | 59               | 22           |
| 3 .....                                                              | 36                          | 3                             | Z                         | 15                        | 9            | 2                           | 6                   | 7            | 2            | 15            | 12            | 18            | 14               | 4            |
| 4 or more .....                                                      | 121                         | Z                             | 3                         | 40                        | 39           | 11                          | 49                  | 41           | 17           | 39            | 24            | 68            | 35               | 18           |
| Number of breakdowns not reported .....                              | 14                          | Z                             | Z                         | 2                         | 1            | 3                           | 2                   | 4            | Z            | Z             | 9             | 5             | 6                | 3            |
| Breakdowns not reported .....                                        | 337                         | 2                             | 21                        | 73                        | 49           | 54                          | 99                  | 50           | 83           | 140           | 64            | 106           | 164              | 67           |
| <b>Heating Problems</b>                                              |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| With heating equipment and occupied last winter .....                | 30,442                      | 461                           | 1,249                     | 6,521                     | 5,786        | 4,427                       | 8,603               | 6,492        | 5,940        | 10,292        | 7,718         | 12,900        | 12,853           | 4,689        |
| Not uncomfortably cold for 24 hours or more .....                    | 25,879                      | 422                           | 1,023                     | 5,354                     | 4,901        | 3,901                       | 7,019               | 5,303        | 5,067        | 8,866         | 6,643         | 10,825        | 11,070           | 3,984        |
| Uncomfortably cold for 24 hours or more <sup>2</sup> .....           | 3,723                       | 19                            | 177                       | 967                       | 783          | 370                         | 1,323               | 1,035        | 716          | 1,087         | 884           | 1,720         | 1,430            | 573          |
| Equipment breakdowns .....                                           | 1,235                       | 4                             | 36                        | 394                       | 286          | 111                         | 469                 | 372          | 236          | 346           | 281           | 624           | 449              | 161          |
| No breakdowns lasting 6 hours or more .....                          | 23                          | Z                             | 1                         | 6                         | 5            | 3                           | 11                  | 4            | 4            | 10            | 5             | 10            | 9                | 4            |
| Number of breakdowns that lasted 6 hours or more:                    |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| 1 .....                                                              | 613                         | 3                             | 19                        | 175                       | 129          | 52                          | 213                 | 138          | 142          | 190           | 143           | 304           | 209              | 100          |
| 2 .....                                                              | 221                         | Z                             | 7                         | 69                        | 55           | 11                          | 94                  | 89           | 39           | 62            | 30            | 98            | 94               | 29           |
| 3 .....                                                              | 119                         | Z                             | Z                         | 46                        | 24           | 8                           | 52                  | 53           | 8            | 29            | 28            | 71            | 37               | 11           |
| 4 or more .....                                                      | 246                         | Z                             | 10                        | 95                        | 71           | 36                          | 94                  | 81           | 42           | 52            | 71            | 134           | 95               | 18           |
| Number of breakdowns not reported .....                              | 12                          | Z                             | Z                         | 2                         | 3            | 2                           | 4                   | 6            | Z            | 2             | 4             | 7             | 5                | Z            |
| Other causes .....                                                   | 2,605                       | 15                            | 141                       | 600                       | 534          | 264                         | 894                 | 703          | 488          | 784           | 629           | 1,164         | 1,023            | 418          |
| Utility interruption .....                                           | 417                         | 6                             | 17                        | 62                        | 65           | 43                          | 130                 | 90           | 85           | 161           | 81            | 113           | 193              | 110          |
| Inadequate heating capacity .....                                    | 771                         | Z                             | 26                        | 196                       | 211          | 80                          | 284                 | 251          | 132          | 231           | 157           | 429           | 250              | 91           |
| Inadequate insulation .....                                          | 683                         | 1                             | 54                        | 205                       | 131          | 70                          | 246                 | 179          | 154          | 198           | 153           | 329           | 269              | 85           |
| Cost of heating .....                                                | 412                         | 4                             | 24                        | 66                        | 72           | 26                          | 130                 | 120          | 67           | 107           | 117           | 140           | 189              | 83           |
| Other .....                                                          | 618                         | 6                             | 22                        | 180                       | 128          | 65                          | 223                 | 154          | 105          | 177           | 182           | 310           | 234              | 75           |
| Not reported .....                                                   | 11                          | Z                             | Z                         | Z                         | 3            | 6                           | 8                   | 3            | Z            | 6             | 2             | 4             | 1                | 6            |
| Reason for discomfort not reported .....                             | 24                          | Z                             | Z                         | 11                        | 5            | 3                           | 11                  | 15           | 6            | Z             | 3             | 11            | 11               | 2            |
| Discomfort not reported .....                                        | 840                         | 20                            | 49                        | 199                       | 103          | 156                         | 261                 | 153          | 157          | 339           | 191           | 356           | 353              | 132          |

See footnotes at end of table.

Table C-05-RO.

**Housing Problems—Renter-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                  | Total renter-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |        |        | Inside MSA   |                  | Outside MSA |
|------------------------------------------------------------------|-----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|--------|--------|--------------|------------------|-------------|
|                                                                  |                             | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South  | West   | Central city | Not central city |             |
|                                                                  |                             |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| <b>Electric Fuses and Circuit Breakers</b>                       |                             |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| With electrical wiring . . . . .                                 | 38,736                      | 670                           | 1,511                     | 8,025                     | 7,291    | 4,802                       | 11,094              | 7,562      | 7,649   | 13,427 | 10,097 | 16,467       | 16,207           | 6,062       |
| No fuses or breakers blown in last 3 months . . . . .            | 34,702                      | 605                           | 1,308                     | 7,229                     | 6,717    | 4,513                       | 9,973               | 6,683      | 6,793   | 12,049 | 9,177  | 14,775       | 14,526           | 5,402       |
| With fuses or breakers blown in last 3 months . . . . .          | 3,599                       | 50                            | 180                       | 679                       | 521      | 229                         | 1,004               | 804        | 769     | 1,182  | 845    | 1,539        | 1,468            | 592         |
| 1 time . . . . .                                                 | 1,679                       | 25                            | 72                        | 309                       | 235      | 153                         | 449                 | 353        | 339     | 574    | 414    | 712          | 702              | 265         |
| 2 times . . . . .                                                | 779                         | 12                            | 33                        | 158                       | 126      | 36                          | 212                 | 174        | 170     | 263    | 172    | 340          | 303              | 136         |
| 3 times . . . . .                                                | 418                         | 5                             | 34                        | 67                        | 53       | 18                          | 112                 | 95         | 99      | 127    | 97     | 157          | 168              | 92          |
| 4 times or more . . . . .                                        | 703                         | 7                             | 40                        | 138                       | 105      | 22                          | 221                 | 180        | 158     | 207    | 157    | 326          | 279              | 98          |
| Number of times not reported . . . . .                           | 20                          | Z                             | Z                         | 6                         | 3        | 1                           | 9                   | 1          | 3       | 10     | 6      | 3            | 17               | Z           |
| Problem not reported or don't know . . . . .                     | 435                         | 16                            | 23                        | 116                       | 53       | 60                          | 117                 | 75         | 88      | 197    | 75     | 153          | 214              | 68          |
| <b>Water Supply Stoppage</b>                                     |                             |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| With hot and cold piped water . . . . .                          | 38,722                      | 673                           | 1,507                     | 8,006                     | 7,300    | 4,796                       | 11,070              | 7,546      | 7,634   | 13,437 | 10,105 | 16,449       | 16,229           | 6,043       |
| No stoppage in last 3 months . . . . .                           | 36,427                      | 643                           | 1,382                     | 7,569                     | 6,851    | 4,537                       | 10,410              | 7,089      | 7,256   | 12,615 | 9,468  | 15,464       | 15,235           | 5,728       |
| With stoppage in last 3 months . . . . .                         | 1,958                       | 29                            | 104                       | 369                       | 398      | 207                         | 569                 | 407        | 294     | 680    | 576    | 874          | 837              | 246         |
| No stoppage lasting 6 hours or more . . . . .                    | 466                         | 5                             | 18                        | 80                        | 89       | 75                          | 116                 | 92         | 72      | 125    | 177    | 210          | 219              | 37          |
| Number of stoppages that lasted 6 hours or more:                 |                             |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| 1 . . . . .                                                      | 898                         | 17                            | 50                        | 157                       | 165      | 72                          | 256                 | 191        | 140     | 337    | 229    | 374          | 381              | 143         |
| 2 . . . . .                                                      | 298                         | 5                             | 17                        | 53                        | 71       | 30                          | 83                  | 50         | 43      | 109    | 97     | 152          | 124              | 22          |
| 3 . . . . .                                                      | 128                         | Z                             | 4                         | 44                        | 37       | 15                          | 48                  | 28         | 17      | 50     | 32     | 68           | 44               | 16          |
| 4 or more . . . . .                                              | 145                         | 2                             | 12                        | 32                        | 34       | 11                          | 59                  | 42         | 16      | 53     | 34     | 63           | 61               | 21          |
| Number of stoppages not reported . . . . .                       | 23                          | Z                             | 2                         | 4                         | 3        | 5                           | 6                   | 5          | 5       | 6      | 8      | 7            | 9                | 7           |
| Stoppage not reported. . . . .                                   | 337                         | 2                             | 21                        | 68                        | 51       | 53                          | 91                  | 50         | 84      | 142    | 61     | 112          | 157              | 68          |
| <b>Water Leakage During Last 12 Months</b>                       |                             |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| No leakage from inside structure. . . . .                        | 34,123                      | 633                           | 1,362                     | 6,942                     | 6,452    | 4,419                       | 9,670               | 6,615      | 6,782   | 11,719 | 9,007  | 14,339       | 14,387           | 5,397       |
| With leakage from inside structure <sup>1</sup> . . . . .        | 4,301                       | 39                            | 124                       | 991                       | 807      | 321                         | 1,346               | 905        | 788     | 1,569  | 1,039  | 2,031        | 1,674            | 597         |
| Fixtures backed up or overflowed . . . . .                       | 910                         | 6                             | 26                        | 221                       | 182      | 65                          | 274                 | 144        | 154     | 325    | 286    | 413          | 369              | 128         |
| Pipes leaked . . . . .                                           | 1,885                       | 12                            | 56                        | 494                       | 375      | 139                         | 607                 | 480        | 324     | 641    | 440    | 972          | 656              | 257         |
| Broken water heater. . . . .                                     | 312                         | Z                             | 30                        | 50                        | 46       | 35                          | 101                 | 44         | 63      | 139    | 67     | 128          | 116              | 67          |
| Other or unknown (includes not reported) . . . . .               | 1,415                       | 21                            | 25                        | 301                       | 248      | 106                         | 440                 | 305        | 293     | 518    | 300    | 653          | 596              | 166         |
| Interior leakage not reported . . . . .                          | 391                         | 2                             | 27                        | 100                       | 53       | 68                          | 110                 | 65         | 80      | 177    | 69     | 133          | 191              | 68          |
| No leakage from outside structure. . . . .                       | 34,653                      | 656                           | 1,320                     | 7,064                     | 6,575    | 4,400                       | 9,827               | 6,551      | 6,691   | 12,115 | 9,295  | 14,630       | 14,590           | 5,433       |
| With leakage from outside structure <sup>1</sup> . . . . .       | 3,785                       | 16                            | 172                       | 876                       | 685      | 339                         | 1,187               | 971        | 880     | 1,181  | 754    | 1,751        | 1,474            | 560         |
| Roof . . . . .                                                   | 1,898                       | 4                             | 116                       | 448                       | 387      | 177                         | 587                 | 442        | 374     | 687    | 395    | 871          | 711              | 316         |
| Basement. . . . .                                                | 553                         | 2                             | Z                         | 103                       | 45       | 49                          | 146                 | 178        | 285     | 60     | 31     | 201          | 221              | 131         |
| Walls, closed windows, or doors . . . . .                        | 1,154                       | 10                            | 54                        | 300                       | 199      | 88                          | 388                 | 335        | 231     | 331    | 257    | 611          | 442              | 101         |
| Other or unknown (includes not reported) . . . . .               | 506                         | Z                             | 19                        | 112                       | 118      | 47                          | 148                 | 124        | 79      | 168    | 135    | 235          | 221              | 51          |
| Exterior leakage not reported . . . . .                          | 378                         | 2                             | 20                        | 93                        | 51       | 69                          | 113                 | 63         | 79      | 169    | 66     | 121          | 188              | 69          |
| <b>External Building Conditions<sup>1,3</sup></b>                |                             |                               |                           |                           |          |                             |                     |            |         |        |        |              |                  |             |
| Sagging roof . . . . .                                           | 433                         | 1                             | 41                        | 82                        | 85       | 33                          | 152                 | 47         | 99      | 189    | 98     | 149          | 148              | 135         |
| Missing roofing material. . . . .                                | 613                         | 2                             | 33                        | 120                       | 105      | 61                          | 211                 | 80         | 156     | 245    | 133    | 206          | 233              | 174         |
| Hole in roof . . . . .                                           | 355                         | 1                             | 58                        | 93                        | 61       | 25                          | 137                 | 62         | 66      | 163    | 65     | 134          | 120              | 101         |
| Missing bricks, siding, or other outside wall material . . . . . | 592                         | 1                             | 68                        | 139                       | 89       | 46                          | 250                 | 76         | 134     | 270    | 112    | 214          | 196              | 181         |
| Sloping outside walls. . . . .                                   | 330                         | 2                             | 35                        | 78                        | 46       | 21                          | 99                  | 34         | 55      | 187    | 54     | 117          | 106              | 107         |
| Boarded up windows . . . . .                                     | 247                         | 5                             | 31                        | 57                        | 54       | 18                          | 125                 | 26         | 50      | 107    | 64     | 92           | 90               | 65          |
| Broken windows . . . . .                                         | 1,007                       | 3                             | 114                       | 199                       | 174      | 61                          | 400                 | 91         | 211     | 451    | 254    | 305          | 382              | 320         |
| Bars on windows . . . . .                                        | 586                         | 3                             | 4                         | 199                       | 224      | 57                          | 207                 | 56         | 46      | 219    | 265    | 421          | 129              | 36          |
| Foundation crumbling or has open crack or hole . . . . .         | 1,016                       | 5                             | 104                       | 205                       | 125      | 67                          | 374                 | 131        | 262     | 403    | 221    | 340          | 385              | 291         |
| None of the above . . . . .                                      | 11,722                      | 198                           | 1,182                     | 1,901                     | 1,981    | 1,250                       | 2,836               | 1,260      | 2,175   | 5,066  | 3,222  | 3,385        | 5,561            | 2,776       |
| Not reported . . . . .                                           | 28                          | Z                             | 3                         | 7                         | Z        | 7                           | 7                   | 5          | 3       | 15     | 6      | 10           | 8                | 10          |

See footnotes at end of table.

Table C-05-RO.

**Housing Problems—Renter-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                   | Total renter-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |        |       | Inside MSA   |                  | Outside MSA |
|---------------------------------------------------|-----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|--------|-------|--------------|------------------|-------------|
|                                                   |                             | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South  | West  | Central city | Not central city |             |
| Sewage Disposal Breakdowns                        |                             |                               |                           |                           |          |                             |                     |            |         |        |       |              |                  |             |
| With public sewer . . . . .                       | 35,986                      | 639                           | 837                       | 7,870                     | 7,072    | 4,465                       | 10,430              | 7,137      | 7,133   | 12,096 | 9,620 | 16,389       | 14,894           | 4,703       |
| No breakdowns in last 3 months . . . . .          | 35,399                      | 636                           | 818                       | 7,681                     | 6,930    | 4,438                       | 10,212              | 7,027      | 7,025   | 11,874 | 9,473 | 16,088       | 14,668           | 4,643       |
| With breakdown(s) in last 3 months . . . . .      | 587                         | 3                             | 18                        | 189                       | 142      | 27                          | 218                 | 110        | 108     | 222    | 147   | 302          | 226              | 60          |
| No breakdowns lasting 6 hours or more . . . . .   | 116                         | Z                             | Z                         | 19                        | 28       | 8                           | 44                  | 11         | 32      | 37     | 37    | 54           | 46               | 16          |
| Number of breakdowns that lasted 6 hours or more: |                             |                               |                           |                           |          |                             |                     |            |         |        |       |              |                  |             |
| 1 . . . . .                                       | 289                         | 3                             | 10                        | 87                        | 65       | 15                          | 98                  | 53         | 51      | 109    | 75    | 141          | 118              | 30          |
| 2 . . . . .                                       | 81                          | Z                             | 6                         | 28                        | 23       | Z                           | 38                  | 17         | 13      | 30     | 20    | 41           | 32               | 8           |
| 3 . . . . .                                       | 39                          | Z                             | 3                         | 19                        | 10       | 3                           | 16                  | 7          | 8       | 18     | 5     | 23           | 16               | Z           |
| 4 or more . . . . .                               | 63                          | Z                             | Z                         | 36                        | 17       | 1                           | 22                  | 21         | 3       | 29     | 10    | 43           | 14               | 6           |
| With septic tank or cesspool . . . . .            | 2,811                       | 35                            | 676                       | 161                       | 239      | 337                         | 684                 | 438        | 516     | 1,365  | 493   | 99           | 1,355            | 1,356       |
| No breakdowns in last 3 months . . . . .          | 2,737                       | 35                            | 663                       | 161                       | 226      | 329                         | 670                 | 425        | 504     | 1,341  | 468   | 94           | 1,313            | 1,330       |
| With breakdown(s) in last 3 months . . . . .      | 74                          | Z                             | 13                        | Z                         | 13       | 8                           | 14                  | 13         | 11      | 24     | 26    | 5            | 42               | 27          |
| No breakdowns lasting 6 hours or more . . . . .   | 14                          | Z                             | 3                         | Z                         | 9        | Z                           | 3                   | 3          | Z       | 2      | 9     | Z            | 9                | 5           |
| Number of breakdowns that lasted 6 hours or more: |                             |                               |                           |                           |          |                             |                     |            |         |        |       |              |                  |             |
| 1 . . . . .                                       | 36                          | Z                             | 7                         | Z                         | Z        | 5                           | 5                   | 8          | 4       | 12     | 12    | 5            | 17               | 14          |
| 2 . . . . .                                       | 6                           | Z                             | Z                         | Z                         | Z        | Z                           | Z                   | 2          | Z       | Z      | 3     | Z            | 5                | Z           |
| 3 . . . . .                                       | 3                           | Z                             | 3                         | Z                         | 3        | Z                           | Z                   | Z          | Z       | 3      | Z     | Z            | 3                | Z           |
| 4 or more . . . . .                               | 16                          | Z                             | Z                         | Z                         | 1        | 3                           | 5                   | Z          | 7       | 7      | 2     | Z            | 8                | 8           |

<sup>1</sup> Figures may not add to total because more than one category may apply to a unit.<sup>2</sup> Other causes and equipment breakdowns may not add to the total as both may be reported.<sup>3</sup> Figures do not include multiunit structures.

Table C-06-RO.

**Housing Migration—Previous Unit—Renter-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                       | Total<br>renter-<br>occu-<br>pied<br>units | Housing unit<br>characteristics             |                                       | Household characteristics |          |                                         |                           | Regions        |         |       |       | Inside MSA      |                        | Outside<br>MSA |
|-----------------------------------------------------------------------|--------------------------------------------|---------------------------------------------|---------------------------------------|---------------------------|----------|-----------------------------------------|---------------------------|----------------|---------|-------|-------|-----------------|------------------------|----------------|
|                                                                       |                                            | New<br>con-<br>struction<br>past 4<br>years | Manu-<br>factured/<br>mobile<br>homes | Black<br>alone            | Hispanic | Elderly<br>(65<br>years<br>and<br>over) | Below<br>poverty<br>level | North-<br>east | Midwest | South | West  | Central<br>city | Not<br>central<br>city |                |
| RESPONDENT MOVED DURING PAST YEAR FROM WITHIN THE UNITED STATES¹      |                                            |                                             |                                       |                           |          |                                         |                           |                |         |       |       |                 |                        |                |
| Total .....                                                           | 13,274                                     | 353                                         | 448                                   | 2,508                     | 2,457    | 680                                     | 3,838                     | 1,795          | 2,758   | 5,141 | 3,581 | 5,625           | 5,487                  | 2,162          |
| Structure Type of Previous Residence                                  |                                            |                                             |                                       |                           |          |                                         |                           |                |         |       |       |                 |                        |                |
| Total moved from within the United States .....                       | 13,274                                     | 353                                         | 448                                   | 2,508                     | 2,457    | 680                                     | 3,838                     | 1,795          | 2,758   | 5,141 | 3,581 | 5,625           | 5,487                  | 2,162          |
| House .....                                                           | 6,295                                      | 177                                         | 179                                   | 1,054                     | 1,094    | 336                                     | 1,673                     | 699            | 1,349   | 2,470 | 1,778 | 2,394           | 2,690                  | 1,211          |
| Apartment .....                                                       | 5,690                                      | 145                                         | 143                                   | 1,247                     | 1,185    | 244                                     | 1,680                     | 929            | 1,150   | 2,084 | 1,526 | 2,771           | 2,267                  | 652            |
| Manufactured/mobile home .....                                        | 464                                        | 7                                           | 108                                   | 40                        | 82       | 29                                      | 188                       | 45             | 90      | 251   | 78    | 99              | 187                    | 178            |
| Other .....                                                           | 489                                        | 8                                           | 10                                    | 82                        | 69       | 16                                      | 215                       | 80             | 105     | 165   | 139   | 238             | 175                    | 76             |
| Not reported .....                                                    | 337                                        | 17                                          | 7                                     | 85                        | 27       | 55                                      | 81                        | 42             | 64      | 171   | 60    | 124             | 167                    | 45             |
| Tenure of Previous Residence                                          |                                            |                                             |                                       |                           |          |                                         |                           |                |         |       |       |                 |                        |                |
| House, apartment, manufactured/mobile home in the United States ..... | 12,449                                     | 329                                         | 431                                   | 2,341                     | 2,361    | 610                                     | 3,541                     | 1,673          | 2,589   | 4,805 | 3,382 | 5,263           | 5,145                  | 2,041          |
| Owner occupied .....                                                  | 3,051                                      | 102                                         | 74                                    | 419                       | 481      | 254                                     | 765                       | 355            | 708     | 1,163 | 825   | 1,129           | 1,363                  | 559            |
| Renter occupied .....                                                 | 9,398                                      | 227                                         | 357                                   | 1,922                     | 1,880    | 356                                     | 2,776                     | 1,317          | 1,881   | 3,642 | 2,557 | 4,135           | 3,781                  | 1,481          |
| Persons—Previous Residence                                            |                                            |                                             |                                       |                           |          |                                         |                           |                |         |       |       |                 |                        |                |
| House, apartment, manufactured/mobile home in the United States ..... | 12,449                                     | 329                                         | 431                                   | 2,341                     | 2,361    | 610                                     | 3,541                     | 1,673          | 2,589   | 4,805 | 3,382 | 5,263           | 5,145                  | 2,041          |
| 1 person .....                                                        | 1,848                                      | 66                                          | 36                                    | 377                       | 174      | 256                                     | 426                       | 272            | 418     | 742   | 416   | 869             | 710                    | 270            |
| 2 persons .....                                                       | 3,282                                      | 97                                          | 115                                   | 541                       | 423      | 212                                     | 695                       | 455            | 724     | 1,280 | 823   | 1,473           | 1,291                  | 517            |
| 3 persons .....                                                       | 2,586                                      | 75                                          | 87                                    | 486                       | 515      | 69                                      | 679                       | 316            | 523     | 988   | 759   | 1,063           | 1,103                  | 420            |
| 4 persons .....                                                       | 2,288                                      | 42                                          | 93                                    | 451                       | 536      | 34                                      | 773                       | 312            | 481     | 889   | 606   | 886             | 998                    | 404            |
| 5 persons .....                                                       | 1,229                                      | 29                                          | 48                                    | 262                       | 315      | 14                                      | 464                       | 152            | 249     | 450   | 378   | 481             | 540                    | 208            |
| 6 persons .....                                                       | 603                                        | 8                                           | 28                                    | 95                        | 202      | 16                                      | 241                       | 92             | 79      | 219   | 212   | 236             | 256                    | 111            |
| 7 persons or more .....                                               | 475                                        | 11                                          | 15                                    | 95                        | 172      | 2                                       | 232                       | 54             | 84      | 176   | 161   | 176             | 201                    | 97             |
| Not reported .....                                                    | 138                                        | 1                                           | 10                                    | 34                        | 25       | 6                                       | 32                        | 19             | 31      | 60    | 28    | 79              | 46                     | 13             |
| Previous Home Owned or Rented by Current Household Member             |                                            |                                             |                                       |                           |          |                                         |                           |                |         |       |       |                 |                        |                |
| House, apartment, manufactured/mobile home in the United States ..... | 12,449                                     | 329                                         | 431                                   | 2,341                     | 2,361    | 610                                     | 3,541                     | 1,673          | 2,589   | 4,805 | 3,382 | 5,263           | 5,145                  | 2,041          |
| Owned or rented by a mover .....                                      | 9,072                                      | 264                                         | 322                                   | 1,706                     | 1,649    | 519                                     | 2,357                     | 1,169          | 1,854   | 3,507 | 2,541 | 3,780           | 3,805                  | 1,487          |
| Owned or rented by other .....                                        | 3,136                                      | 54                                          | 94                                    | 572                       | 663      | 85                                      | 1,126                     | 473            | 690     | 1,192 | 781   | 1,363           | 1,259                  | 514            |
| By a relative .....                                                   | 1,835                                      | 34                                          | 61                                    | 347                       | 419      | 38                                      | 686                       | 272            | 405     | 706   | 453   | 801             | 737                    | 297            |
| By a nonrelative .....                                                | 1,297                                      | 17                                          | 33                                    | 224                       | 244      | 47                                      | 437                       | 200            | 285     | 486   | 326   | 561             | 521                    | 215            |
| Not reported .....                                                    | 3                                          | 2                                           | Z                                     | 1                         | Z        | Z                                       | 3                         | Z              | Z       | 1     | 2     | Z               | 1                      | 2              |
| Not reported .....                                                    | 241                                        | 11                                          | 14                                    | 64                        | 49       | 6                                       | 59                        | 31             | 45      | 106   | 60    | 120             | 80                     | 40             |
| Change in Housing Costs                                               |                                            |                                             |                                       |                           |          |                                         |                           |                |         |       |       |                 |                        |                |
| House, apartment, manufactured/mobile home in the United States ..... | 12,449                                     | 329                                         | 431                                   | 2,341                     | 2,361    | 610                                     | 3,541                     | 1,673          | 2,589   | 4,805 | 3,382 | 5,263           | 5,145                  | 2,041          |
| Increased with move .....                                             | 5,681                                      | 143                                         | 159                                   | 1,071                     | 1,034    | 202                                     | 1,597                     | 824            | 1,169   | 2,145 | 1,543 | 2,489           | 2,336                  | 856            |
| Decreased .....                                                       | 3,726                                      | 100                                         | 150                                   | 690                       | 678      | 216                                     | 1,055                     | 459            | 803     | 1,433 | 1,030 | 1,497           | 1,580                  | 649            |
| Stayed about the same .....                                           | 2,798                                      | 74                                          | 112                                   | 528                       | 613      | 162                                     | 817                       | 352            | 567     | 1,138 | 741   | 1,178           | 1,134                  | 486            |
| Not reported .....                                                    | 244                                        | 11                                          | 10                                    | 52                        | 35       | 30                                      | 72                        | 38             | 50      | 88    | 67    | 100             | 94                     | 50             |

See footnotes at end of table.

Table C-06-RO.

**Housing Migration—Previous Unit—Renter-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                            | Total renter-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |       |       | Inside MSA   |                  | Outside MSA |
|------------------------------------------------------------|-----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|-------|-------|--------------|------------------|-------------|
|                                                            |                             | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South | West  | Central city | Not central city |             |
|                                                            |                             |                               |                           |                           |          |                             |                     |            |         |       |       |              |                  |             |
| <b>Reasons for Leaving Previous Residence<sup>2</sup></b>  |                             |                               |                           |                           |          |                             |                     |            |         |       |       |              |                  |             |
| Private displacement . . . . .                             | 338                         | 4                             | 21                        | 51                        | 53       | 10                          | 80                  | 38         | 69      | 108   | 123   | 123          | 153              | 62          |
| Owner to move into unit . . . . .                          | 106                         | Z                             | 6                         | 11                        | 22       | 2                           | 24                  | 13         | 16      | 37    | 41    | 27           | 51               | 29          |
| To be converted to condominium or cooperative . . . . .    | 6                           | Z                             | Z                         | Z                         | Z        | Z                           | Z                   | 4          | Z       | Z     | 2     | 2            | 2                | 2           |
| Closed for repairs . . . . .                               | 19                          | Z                             | 2                         | 4                         | Z        | 2                           | Z                   | 3          | 5       | 5     | 6     | 12           | 5                | 2           |
| Other . . . . .                                            | 204                         | 4                             | 13                        | 36                        | 30       | 6                           | 55                  | 19         | 47      | 63    | 75    | 83           | 93               | 29          |
| Not reported . . . . .                                     | 3                           | Z                             | Z                         | Z                         | Z        | Z                           | Z                   | Z          | Z       | 3     | Z     | Z            | 3                | Z           |
| Government displacement . . . . .                          | 105                         | Z                             | 10                        | 28                        | 15       | 5                           | 36                  | 21         | 14      | 41    | 30    | 44           | 45               | 17          |
| Government wanted building or land . . . . .               | 14                          | Z                             | 4                         | 5                         | 2        | Z                           | 6                   | 2          | 4       | 5     | 3     | 7            | 5                | 2           |
| Unit unfit for occupancy . . . . .                         | 19                          | Z                             | Z                         | 12                        | 5        | 2                           | 15                  | 5          | 2       | 10    | 2     | 13           | 3                | 3           |
| Other . . . . .                                            | 72                          | Z                             | 6                         | 12                        | 9        | 3                           | 16                  | 13         | 8       | 25    | 25    | 23           | 36               | 12          |
| Not reported . . . . .                                     | Z                           | Z                             | Z                         | Z                         | Z        | Z                           | Z                   | Z          | Z       | Z     | Z     | Z            | Z                | Z           |
| Financial/employment related, total <sup>2</sup> . . . . . | 4,044                       | 135                           | 121                       | 535                       | 646      | 79                          | 987                 | 417        | 838     | 1,592 | 1,197 | 1,784        | 1,658            | 601         |
| Foreclosure . . . . .                                      | 249                         | 12                            | 8                         | 54                        | 68       | 18                          | 83                  | 22         | 54      | 69    | 104   | 91           | 131              | 28          |
| New job or job transfer . . . . .                          | 1,470                       | 71                            | 54                        | 177                       | 189      | 6                           | 177                 | 122        | 279     | 668   | 401   | 624          | 640              | 206         |
| To be closer to work/school/other . . . . .                | 1,940                       | 52                            | 42                        | 232                       | 313      | 27                          | 579                 | 212        | 425     | 742   | 561   | 862          | 759              | 319         |
| Other . . . . .                                            | 551                         | 8                             | 31                        | 91                        | 108      | 30                          | 183                 | 78         | 110     | 178   | 185   | 274          | 209              | 67          |
| Family/person related, total <sup>2</sup> . . . . .        | 1,612                       | 32                            | 48                        | 290                       | 286      | 158                         | 501                 | 288        | 342     | 549   | 433   | 636          | 688              | 288         |
| Married . . . . .                                          | 170                         | Z                             | 1                         | 22                        | 31       | Z                           | 24                  | 28         | 40      | 64    | 38    | 48           | 83               | 39          |
| Widowed, divorced, or separated . . . . .                  | 286                         | 13                            | 15                        | 31                        | 45       | 37                          | 70                  | 47         | 77      | 84    | 77    | 93           | 118              | 75          |
| Other . . . . .                                            | 1,165                       | 19                            | 33                        | 240                       | 213      | 122                         | 409                 | 213        | 226     | 405   | 321   | 500          | 491              | 174         |
| Housing related reasons, total <sup>2</sup> . . . . .      | 5,852                       | 130                           | 237                       | 1,233                     | 1,266    | 233                         | 1,784               | 864        | 1,199   | 2,251 | 1,538 | 2,495        | 2,427            | 929         |
| To establish own household . . . . .                       | 1,648                       | 27                            | 94                        | 312                       | 341      | 25                          | 517                 | 228        | 361     | 613   | 445   | 667          | 677              | 304         |
| Needed larger house or apartment . . . . .                 | 1,496                       | 38                            | 44                        | 306                       | 362      | 36                          | 399                 | 216        | 260     | 596   | 424   | 629          | 615              | 252         |
| Wanted better home . . . . .                               | 1,353                       | 48                            | 60                        | 314                       | 297      | 70                          | 421                 | 233        | 271     | 542   | 306   | 624          | 538              | 191         |
| Change from owner to renter . . . . .                      | 145                         | 3                             | 3                         | 32                        | 27       | 16                          | 34                  | 11         | 35      | 53    | 46    | 41           | 79               | 25          |
| Change from renter to owner . . . . .                      | X                           | X                             | X                         | X                         | X        | X                           | X                   | X          | X       | X     | X     | X            | X                | X           |
| Wanted lower rent or maintenance . . . . .                 | 1,132                       | 21                            | 37                        | 235                       | 227      | 66                          | 351                 | 151        | 264     | 415   | 302   | 491          | 494              | 148         |
| Other . . . . .                                            | 680                         | 13                            | 18                        | 136                       | 153      | 43                          | 223                 | 122        | 132     | 238   | 187   | 278          | 301              | 100         |
| Evicted from residence . . . . .                           | 117                         | Z                             | Z                         | 26                        | 15       | 5                           | 46                  | 20         | 33      | 31    | 32    | 43           | 42               | 32          |
| Disaster loss (fire, flood, etc.) . . . . .                | 93                          | Z                             | 1                         | 24                        | 13       | 7                           | 20                  | 18         | 19      | 41    | 16    | 29           | 36               | 29          |
| Other . . . . .                                            | 1,994                       | 64                            | 64                        | 443                       | 352      | 184                         | 611                 | 261        | 442     | 763   | 528   | 878          | 806              | 310         |
| Not reported . . . . .                                     | 397                         | 16                            | 8                         | 106                       | 38       | 68                          | 112                 | 47         | 71      | 168   | 110   | 168          | 180              | 49          |
| <b>Main Reason for Leaving Previous Residence</b>          |                             |                               |                           |                           |          |                             |                     |            |         |       |       |              |                  |             |
| All reported reasons equal . . . . .                       | 611                         | 14                            | 14                        | 104                       | 157      | 24                          | 170                 | 85         | 124     | 205   | 198   | 266          | 262              | 84          |
| Private displacement . . . . .                             | 87                          | 3                             | Z                         | 15                        | 8        | 2                           | 28                  | 13         | 18      | 28    | 29    | 38           | 39               | 11          |
| Government displacement . . . . .                          | 40                          | Z                             | 3                         | 14                        | 7        | 1                           | 14                  | 8          | 4       | 18    | 10    | 16           | 18               | 6           |
| Financial/employment related, total . . . . .              | 3,476                       | 123                           | 99                        | 464                       | 539      | 64                          | 857                 | 345        | 710     | 1,413 | 1,009 | 1,537        | 1,408            | 531         |
| Foreclosure . . . . .                                      | 206                         | 10                            | 6                         | 46                        | 56       | 11                          | 72                  | 13         | 43      | 63    | 87    | 73           | 110              | 22          |
| New job or job transfer . . . . .                          | 1,309                       | 65                            | 50                        | 161                       | 162      | 3                           | 150                 | 109        | 233     | 611   | 357   | 562          | 564              | 184         |
| To be closer to work/school/other . . . . .                | 1,583                       | 41                            | 30                        | 185                       | 249      | 22                          | 496                 | 175        | 362     | 608   | 438   | 719          | 590              | 274         |
| Other . . . . .                                            | 378                         | 7                             | 13                        | 73                        | 72       | 27                          | 138                 | 48         | 71      | 131   | 128   | 183          | 144              | 51          |
| Family/person related, total . . . . .                     | 1,572                       | 39                            | 47                        | 262                       | 292      | 138                         | 476                 | 273        | 321     | 578   | 401   | 612          | 659              | 301         |
| Married, widowed, divorced, or separated . . . . .         | 635                         | 23                            | 23                        | 59                        | 122      | 31                          | 141                 | 95         | 141     | 241   | 159   | 199          | 280              | 156         |
| Other . . . . .                                            | 938                         | 16                            | 24                        | 204                       | 170      | 107                         | 334                 | 178        | 181     | 337   | 242   | 414          | 379              | 146         |
| Housing related reasons, total . . . . .                   | 4,910                       | 112                           | 198                       | 1,061                     | 1,047    | 193                         | 1,515               | 729        | 1,025   | 1,910 | 1,247 | 2,091        | 2,030            | 789         |
| To establish own household . . . . .                       | 1,385                       | 24                            | 81                        | 280                       | 289      | 22                          | 451                 | 194        | 326     | 524   | 342   | 576          | 549              | 261         |
| Needed larger house or apartment . . . . .                 | 1,192                       | 32                            | 41                        | 251                       | 277      | 28                          | 320                 | 176        | 198     | 482   | 336   | 501          | 478              | 213         |
| Wanted better home . . . . .                               | 911                         | 25                            | 40                        | 227                       | 181      | 50                          | 309                 | 149        | 180     | 387   | 195   | 427          | 357              | 127         |
| Change from owner to renter or renter to owner . . . . .   | 74                          | 2                             | Z                         | 22                        | 10       | 10                          | 11                  | 3          | 15      | 32    | 24    | 22           | 47               | 5           |
| Wanted lower rent or maintenance . . . . .                 | 848                         | 17                            | 26                        | 179                       | 175      | 54                          | 249                 | 118        | 205     | 302   | 223   | 358          | 387              | 103         |
| Other . . . . .                                            | 500                         | 11                            | 10                        | 102                       | 114      | 29                          | 175                 | 89         | 102     | 183   | 126   | 207          | 214              | 80          |
| Evicted from residence . . . . .                           | 83                          | Z                             | Z                         | 24                        | 13       | 2                           | 36                  | 15         | 23      | 28    | 18    | 27           | 34               | 22          |
| Disaster loss (fire, flood, etc.) . . . . .                | 74                          | Z                             | 1                         | 17                        | 8        | 7                           | 20                  | 18         | 16      | 29    | 11    | 24           | 26               | 24          |
| Other . . . . .                                            | 1,714                       | 46                            | 57                        | 375                       | 296      | 169                         | 536                 | 229        | 386     | 651   | 448   | 759          | 675              | 279         |
| Not reported . . . . .                                     | 704                         | 17                            | 28                        | 171                       | 90       | 80                          | 185                 | 82         | 130     | 282   | 209   | 254          | 336              | 114         |

<sup>1</sup> Restricted to units where the respondent (the person who answered the survey) moved in the past year from within the United States. Figures are not comparable to 2009; see Appendix C for details.<sup>2</sup> Figures may not add to total because more than one category may apply to a unit.

Table C-07-RO.

**Housing and Neighborhood Search and Satisfaction—Renter-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                                    | Total renter-occupied units | Housing unit characteristics  |                           | Household characteristics |              |                             |                     | Regions      |              |               |               | Inside MSA    |                  | Outside MSA  |
|------------------------------------------------------------------------------------|-----------------------------|-------------------------------|---------------------------|---------------------------|--------------|-----------------------------|---------------------|--------------|--------------|---------------|---------------|---------------|------------------|--------------|
|                                                                                    |                             | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic     | Elderly (65 years and over) | Below poverty level | North-east   | Midwest      | South         | West          | Central city  | Not central city |              |
| <b>Total</b> .....                                                                 | <b>38,816</b>               | <b>673</b>                    | <b>1,512</b>              | <b>8,033</b>              | <b>7,311</b> | <b>4,808</b>                | <b>11,126</b>       | <b>7,585</b> | <b>7,650</b> | <b>13,465</b> | <b>10,115</b> | <b>16,502</b> | <b>16,251</b>    | <b>6,062</b> |
| <b>Overall Opinion of Present Structure</b>                                        |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| 1 (worst).....                                                                     | 398                         | 3                             | 12                        | 144                       | 101          | 44                          | 182                 | 98           | 74           | 158           | 68            | 190           | 155              | 53           |
| 2.....                                                                             | 256                         | Z                             | 26                        | 82                        | 51           | 19                          | 125                 | 81           | 44           | 85            | 46            | 131           | 80               | 44           |
| 3.....                                                                             | 467                         | Z                             | 13                        | 131                       | 71           | 41                          | 201                 | 92           | 94           | 166           | 115           | 253           | 143              | 70           |
| 4.....                                                                             | 666                         | 4                             | 50                        | 159                       | 110          | 37                          | 236                 | 113          | 134          | 240           | 179           | 285           | 273              | 108          |
| 5.....                                                                             | 2,805                       | 22                            | 186                       | 759                       | 585          | 286                         | 1,056               | 527          | 530          | 1,073         | 676           | 1,250         | 1,087            | 469          |
| 6.....                                                                             | 2,883                       | 19                            | 149                       | 621                       | 459          | 202                         | 830                 | 476          | 549          | 999           | 859           | 1,256         | 1,161            | 466          |
| 7.....                                                                             | 6,611                       | 86                            | 185                       | 1,292                     | 1,117        | 436                         | 1,645               | 1,201        | 1,376        | 2,243         | 1,790         | 2,813         | 2,847            | 951          |
| 8.....                                                                             | 10,411                      | 161                           | 349                       | 1,961                     | 1,941        | 1,127                       | 2,693               | 1,931        | 2,040        | 3,585         | 2,855         | 4,437         | 4,450            | 1,523        |
| 9.....                                                                             | 4,748                       | 134                           | 165                       | 805                       | 955          | 695                         | 1,171               | 946          | 973          | 1,607         | 1,222         | 2,079         | 1,921            | 748          |
| 10 (best) .....                                                                    | 8,220                       | 216                           | 315                       | 1,724                     | 1,741        | 1,728                       | 2,570               | 1,858        | 1,589        | 2,760         | 2,013         | 3,252         | 3,528            | 1,440        |
| Not reported .....                                                                 | 1,352                       | 28                            | 63                        | 354                       | 180          | 193                         | 417                 | 263          | 248          | 549           | 291           | 555           | 607              | 190          |
| <b>Overall Opinion of Present Neighborhood</b>                                     |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| 1 (worst).....                                                                     | 663                         | 8                             | 14                        | 298                       | 157          | 55                          | 372                 | 152          | 113          | 271           | 128           | 421           | 180              | 63           |
| 2.....                                                                             | 482                         | 4                             | 25                        | 166                       | 79           | 31                          | 187                 | 81           | 68           | 205           | 129           | 263           | 165              | 55           |
| 3.....                                                                             | 695                         | 12                            | 28                        | 194                       | 134          | 50                          | 300                 | 143          | 137          | 219           | 196           | 388           | 226              | 80           |
| 4.....                                                                             | 1,053                       | 18                            | 27                        | 275                       | 199          | 111                         | 393                 | 221          | 243          | 334           | 255           | 549           | 355              | 149          |
| 5.....                                                                             | 3,033                       | 28                            | 166                       | 765                       | 628          | 330                         | 1,081               | 565          | 601          | 1,056         | 812           | 1,469         | 1,099            | 465          |
| 6.....                                                                             | 2,671                       | 31                            | 77                        | 580                       | 477          | 206                         | 738                 | 476          | 528          | 926           | 740           | 1,227         | 1,109            | 335          |
| 7.....                                                                             | 5,526                       | 90                            | 153                       | 1,197                     | 984          | 375                         | 1,397               | 1,050        | 1,055        | 1,853         | 1,567         | 2,608         | 2,235            | 683          |
| 8.....                                                                             | 9,107                       | 134                           | 362                       | 1,678                     | 1,729        | 1,007                       | 2,241               | 1,731        | 1,848        | 3,050         | 2,477         | 3,749         | 3,969            | 1,388        |
| 9.....                                                                             | 4,936                       | 141                           | 150                       | 761                       | 916          | 654                         | 1,206               | 946          | 979          | 1,665         | 1,346         | 1,981         | 2,161            | 794          |
| 10 (best) .....                                                                    | 9,189                       | 176                           | 441                       | 1,744                     | 1,802        | 1,748                       | 2,753               | 1,923        | 1,807        | 3,314         | 2,146         | 3,252         | 4,099            | 1,838        |
| No neighborhood.....                                                               | 50                          | Z                             | Z                         | 16                        | 11           | 8                           | 24                  | 18           | 9            | 15            | 8             | 23            | 18               | 9            |
| Not reported .....                                                                 | 1,411                       | 30                            | 72                        | 359                       | 195          | 235                         | 434                 | 279          | 262          | 559           | 312           | 573           | 635              | 203          |
| <b>RESPONDENT MOVED DURING PAST YEAR FROM WITHIN THE UNITED STATES<sup>1</sup></b> |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| <b>Total</b> .....                                                                 | <b>13,274</b>               | <b>353</b>                    | <b>448</b>                | <b>2,508</b>              | <b>2,457</b> | <b>680</b>                  | <b>3,838</b>        | <b>1,795</b> | <b>2,758</b> | <b>5,141</b>  | <b>3,581</b>  | <b>5,625</b>  | <b>5,487</b>     | <b>2,162</b> |
| <b>Home Search</b>                                                                 |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Now in house.....                                                                  | 4,653                       | 106                           | X                         | 827                       | 790          | 164                         | 1,149               | 423          | 859          | 2,051         | 1,320         | 1,674         | 2,029            | 950          |
| Did not look at apartments.....                                                    | 3,032                       | 60                            | X                         | 491                       | 540          | 100                         | 704                 | 253          | 568          | 1,362         | 850           | 1,043         | 1,342            | 647          |
| Looked at apartments too.....                                                      | 1,465                       | 41                            | X                         | 312                       | 239          | 47                          | 398                 | 165          | 268          | 606           | 425           | 579           | 622              | 264          |
| Search not reported.....                                                           | 155                         | 4                             | X                         | 24                        | 12           | 17                          | 46                  | 5            | 23           | 83            | 44            | 51            | 65               | 39           |
| Now in manufactured/mobile home.....                                               | 448                         | 3                             | 448                       | 23                        | 50           | 13                          | 129                 | 40           | 57           | 248           | 103           | 33            | 207              | 208          |
| Did not look at apartments.....                                                    | 272                         | Z                             | 272                       | 9                         | 32           | 9                           | 86                  | 20           | 30           | 171           | 51            | 18            | 136              | 118          |
| Looked at apartments too.....                                                      | 165                         | 3                             | 165                       | 10                        | 18           | 3                           | 39                  | 17           | 25           | 71            | 52            | 15            | 66               | 84           |
| Search not reported.....                                                           | 12                          | Z                             | 12                        | 4                         | Z            | Z                           | 4                   | 3            | 2            | 6             | Z             | Z             | 6                | 6            |
| Now in apartment.....                                                              | 8,173                       | 244                           | X                         | 1,657                     | 1,617        | 504                         | 2,560               | 1,332        | 1,841        | 2,842         | 2,158         | 3,918         | 3,251            | 1,004        |
| Did not look at houses.....                                                        | 5,718                       | 168                           | X                         | 1,140                     | 1,153        | 388                         | 1,843               | 958          | 1,279        | 1,984         | 1,498         | 2,837         | 2,249            | 632          |
| Looked at houses too.....                                                          | 2,103                       | 61                            | X                         | 421                       | 427          | 54                          | 611                 | 300          | 495          | 732           | 575           | 936           | 834              | 333          |
| Search not reported.....                                                           | 352                         | 15                            | X                         | 96                        | 36           | 61                          | 107                 | 74           | 67           | 126           | 85            | 144           | 168              | 40           |
| <b>How Respondent Found Current Unit</b>                                           |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Word of mouth.....                                                                 | 4,555                       | 100                           | 231                       | 931                       | 918          | 258                         | 1,516               | 616          | 1,033        | 1,879         | 1,027         | 1,920         | 1,712            | 923          |
| Daily newspaper.....                                                               | 718                         | 5                             | 46                        | 141                       | 115          | 34                          | 222                 | 127          | 215          | 265           | 111           | 239           | 270              | 209          |
| Weekly newspaper or giveaway publication.....                                      | 231                         | 4                             | 9                         | 43                        | 36           | 11                          | 69                  | 29           | 57           | 106           | 39            | 61            | 120              | 51           |
| Craigslist.....                                                                    | 1,400                       | 28                            | 31                        | 133                       | 180          | 12                          | 249                 | 247          | 228          | 307           | 618           | 707           | 566              | 127          |
| Realtor.com®.....                                                                  | 344                         | 5                             | 2                         | 64                        | 70           | 9                           | 70                  | 67           | 61           | 145           | 70            | 154           | 159              | 31           |
| Ad on a different Internet site.....                                               | 848                         | 28                            | 10                        | 120                       | 97           | 15                          | 166                 | 78           | 190          | 306           | 275           | 370           | 403              | 75           |
| Apartment rental agency listing.....                                               | 420                         | 11                            | Z                         | 149                       | 58           | 10                          | 113                 | 64           | 67           | 187           | 101           | 227           | 164              | 29           |
| Talking with a real estate agent.....                                              | 288                         | 19                            | 3                         | 30                        | 45           | 6                           | 50                  | 62           | 32           | 119           | 74            | 113           | 142              | 33           |
| Sign on outside of building.....                                                   | 1,439                       | 48                            | 15                        | 250                       | 436          | 51                          | 413                 | 113          | 305          | 543           | 477           | 642           | 623              | 173          |
| Billboard.....                                                                     | 30                          | 1                             | 3                         | 1                         | 7            | Z                           | 11                  | 2            | 12           | 8             | 9             | 13            | 16               | 1            |
| Radio ad.....                                                                      | 12                          | 8                             | Z                         | 2                         | Z            | Z                           | Z                   | Z            | 6            | 5             | Z             | 10            | 2                | Z            |
| Other.....                                                                         | 2,425                       | 68                            | 84                        | 488                       | 445          | 192                         | 801                 | 321          | 439          | 1,027         | 640           | 965           | 1,032            | 428          |
| Not reported.....                                                                  | 564                         | 30                            | 14                        | 155                       | 50           | 83                          | 155                 | 69           | 113          | 243           | 139           | 204           | 279              | 81           |

See footnotes at end of table.

Table C-07-RO.

**Housing and Neighborhood Search and Satisfaction—Renter-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                       | Total<br>renter-<br>occu-<br>pied<br>units | Housing unit<br>characteristics             |                                       | Household characteristics |          |                                         |                           | Regions        |         |       |       | Inside MSA      |                        | Outside<br>MSA |
|-------------------------------------------------------|--------------------------------------------|---------------------------------------------|---------------------------------------|---------------------------|----------|-----------------------------------------|---------------------------|----------------|---------|-------|-------|-----------------|------------------------|----------------|
|                                                       |                                            | New<br>con-<br>struction<br>past 4<br>years | Manu-<br>factured/<br>mobile<br>homes | Black<br>alone            | Hispanic | Elderly<br>(65<br>years<br>and<br>over) | Below<br>poverty<br>level | North-<br>east | Midwest | South | West  | Central<br>city | Not<br>central<br>city |                |
|                                                       |                                            |                                             |                                       |                           |          |                                         |                           |                |         |       |       |                 |                        |                |
| <b>Choice of Present Home<sup>2</sup></b>             |                                            |                                             |                                       |                           |          |                                         |                           |                |         |       |       |                 |                        |                |
| Financial reasons . . . . .                           | 4,885                                      | 82                                          | 215                                   | 844                       | 905      | 203                                     | 1,509                     | 661            | 1,018   | 1,853 | 1,353 | 2,046           | 2,058                  | 780            |
| Room layout/design . . . . .                          | 3,332                                      | 109                                         | 53                                    | 571                       | 617      | 157                                     | 847                       | 522            | 722     | 1,118 | 970   | 1,470           | 1,460                  | 402            |
| Kitchen . . . . .                                     | 701                                        | 22                                          | 19                                    | 134                       | 115      | 34                                      | 187                       | 110            | 142     | 233   | 216   | 305             | 306                    | 91             |
| Size . . . . .                                        | 3,003                                      | 90                                          | 78                                    | 610                       | 602      | 127                                     | 788                       | 490            | 651     | 1,055 | 807   | 1,284           | 1,263                  | 456            |
| Exterior appearance . . . . .                         | 1,423                                      | 78                                          | 21                                    | 270                       | 293      | 75                                      | 333                       | 197            | 229     | 552   | 444   | 566             | 639                    | 218            |
| Yard/trees/view . . . . .                             | 1,178                                      | 23                                          | 39                                    | 159                       | 180      | 61                                      | 248                       | 186            | 229     | 384   | 379   | 455             | 534                    | 189            |
| Quality of construction . . . . .                     | 975                                        | 52                                          | 16                                    | 148                       | 193      | 65                                      | 241                       | 147            | 178     | 327   | 323   | 458             | 367                    | 150            |
| Only one available . . . . .                          | 723                                        | 8                                           | 36                                    | 155                       | 110      | 33                                      | 294                       | 94             | 178     | 279   | 171   | 259             | 278                    | 185            |
| Other . . . . .                                       | 3,125                                      | 86                                          | 113                                   | 492                       | 536      | 206                                     | 858                       | 402            | 670     | 1,193 | 859   | 1,372           | 1,235                  | 517            |
| Not reported . . . . .                                | 473                                        | 16                                          | 11                                    | 113                       | 62       | 70                                      | 128                       | 63             | 93      | 205   | 113   | 188             | 215                    | 70             |
| <b>Main Reason for Choice of Present Home</b>         |                                            |                                             |                                       |                           |          |                                         |                           |                |         |       |       |                 |                        |                |
| All reported reasons equal . . . . .                  | 1,801                                      | 64                                          | 40                                    | 273                       | 316      | 90                                      | 437                       | 311            | 356     | 586   | 548   | 745             | 802                    | 254            |
| Financial reasons . . . . .                           | 3,571                                      | 51                                          | 165                                   | 670                       | 684      | 137                                     | 1,166                     | 436            | 766     | 1,437 | 932   | 1,517           | 1,471                  | 583            |
| Room layout/design . . . . .                          | 1,537                                      | 40                                          | 16                                    | 301                       | 291      | 70                                      | 428                       | 223            | 356     | 525   | 433   | 702             | 663                    | 172            |
| Kitchen . . . . .                                     | 88                                         | 2                                           | 1                                     | 15                        | 9        | 3                                       | 24                        | 17             | 18      | 22    | 31    | 49              | 27                     | 11             |
| Size . . . . .                                        | 1,522                                      | 55                                          | 51                                    | 356                       | 343      | 51                                      | 424                       | 222            | 302     | 613   | 385   | 640             | 598                    | 284            |
| Exterior appearance . . . . .                         | 349                                        | 27                                          | 2                                     | 81                        | 84       | 7                                       | 82                        | 23             | 46      | 176   | 105   | 128             | 161                    | 60             |
| Yard/trees/view . . . . .                             | 325                                        | 2                                           | 22                                    | 40                        | 30       | 16                                      | 71                        | 35             | 64      | 123   | 102   | 100             | 142                    | 84             |
| Quality of construction . . . . .                     | 332                                        | 22                                          | 3                                     | 67                        | 66       | 20                                      | 94                        | 42             | 58      | 138   | 94    | 170             | 119                    | 43             |
| Only one available . . . . .                          | 599                                        | 5                                           | 30                                    | 136                       | 90       | 31                                      | 246                       | 80             | 155     | 230   | 133   | 224             | 224                    | 151            |
| Other . . . . .                                       | 2,601                                      | 67                                          | 101                                   | 430                       | 467      | 178                                     | 710                       | 331            | 530     | 1,052 | 688   | 1,149           | 1,021                  | 431            |
| Not reported . . . . .                                | 551                                        | 18                                          | 16                                    | 138                       | 76       | 78                                      | 154                       | 75             | 107     | 239   | 130   | 202             | 260                    | 89             |
| <b>Recent Mover Comparison to Previous Home</b>       |                                            |                                             |                                       |                           |          |                                         |                           |                |         |       |       |                 |                        |                |
| Better home . . . . .                                 | 6,273                                      | 213                                         | 237                                   | 1,220                     | 1,262    | 268                                     | 1,877                     | 905            | 1,297   | 2,403 | 1,668 | 2,682           | 2,499                  | 1,092          |
| Worse home . . . . .                                  | 2,598                                      | 29                                          | 96                                    | 424                       | 401      | 123                                     | 706                       | 289            | 555     | 988   | 767   | 1,112           | 1,117                  | 370            |
| About the same . . . . .                              | 3,957                                      | 95                                          | 103                                   | 754                       | 746      | 218                                     | 1,128                     | 537            | 828     | 1,559 | 1,034 | 1,658           | 1,668                  | 631            |
| Not reported . . . . .                                | 445                                        | 16                                          | 12                                    | 110                       | 48       | 71                                      | 125                       | 64             | 78      | 191   | 112   | 172             | 203                    | 70             |
| <b>Neighborhood Search</b>                            |                                            |                                             |                                       |                           |          |                                         |                           |                |         |       |       |                 |                        |                |
| Looked at just this neighborhood. . . . .             | 5,879                                      | 138                                         | 300                                   | 989                       | 1,215    | 331                                     | 1,851                     | 762            | 1,221   | 2,351 | 1,545 | 2,423           | 2,397                  | 1,060          |
| Looked at other neighborhood(s) . . . . .             | 6,959                                      | 205                                         | 136                                   | 1,410                     | 1,206    | 276                                     | 1,866                     | 974            | 1,460   | 2,607 | 1,917 | 3,032           | 2,894                  | 1,033          |
| Not reported . . . . .                                | 435                                        | 11                                          | 12                                    | 109                       | 36       | 72                                      | 119                       | 59             | 77      | 182   | 118   | 169             | 196                    | 69             |
| <b>Choice of Present Neighborhood<sup>2</sup></b>     |                                            |                                             |                                       |                           |          |                                         |                           |                |         |       |       |                 |                        |                |
| Convenient to job. . . . .                            | 2,935                                      | 79                                          | 110                                   | 377                       | 545      | 42                                      | 518                       | 452            | 534     | 1,184 | 765   | 1,238           | 1,263                  | 434            |
| Convenient to friends or relatives . . . . .          | 2,102                                      | 37                                          | 116                                   | 340                       | 365      | 167                                     | 659                       | 354            | 504     | 760   | 483   | 885             | 862                    | 355            |
| Convenient to leisure activities . . . . .            | 873                                        | 20                                          | 22                                    | 120                       | 113      | 49                                      | 160                       | 167            | 173     | 280   | 252   | 483             | 312                    | 78             |
| Convenient to public transportation . . . . .         | 688                                        | 24                                          | 2                                     | 139                       | 122      | 48                                      | 201                       | 191            | 145     | 184   | 169   | 444             | 209                    | 35             |
| Good schools. . . . .                                 | 1,248                                      | 15                                          | 23                                    | 197                       | 228      | 6                                       | 420                       | 188            | 265     | 385   | 410   | 503             | 531                    | 213            |
| Other public services. . . . .                        | 481                                        | 13                                          | 13                                    | 120                       | 74       | 42                                      | 142                       | 115            | 101     | 145   | 120   | 249             | 175                    | 57             |
| Looks/design of neighborhood . . . . .                | 1,646                                      | 59                                          | 23                                    | 317                       | 267      | 88                                      | 364                       | 259            | 326     | 619   | 441   | 714             | 654                    | 278            |
| House was most important consideration. . . . .       | 1,296                                      | 46                                          | 40                                    | 234                       | 181      | 93                                      | 331                       | 225            | 242     | 491   | 337   | 509             | 504                    | 283            |
| Other . . . . .                                       | 2,232                                      | 59                                          | 62                                    | 425                       | 407      | 135                                     | 747                       | 282            | 497     | 865   | 588   | 948             | 906                    | 378            |
| Not reported <sup>3</sup> . . . . .                   | 4,059                                      | 128                                         | 106                                   | 882                       | 829      | 223                                     | 1,239                     | 476            | 773     | 1,616 | 1,193 | 1,714           | 1,772                  | 573            |
| <b>Main Reason for Choice of Present Neighborhood</b> |                                            |                                             |                                       |                           |          |                                         |                           |                |         |       |       |                 |                        |                |
| All reported reasons equal . . . . .                  | 969                                        | 29                                          | 21                                    | 155                       | 170      | 33                                      | 227                       | 190            | 165     | 327   | 287   | 464             | 385                    | 120            |
| Convenient to job. . . . .                            | 2,012                                      | 51                                          | 89                                    | 265                       | 377      | 21                                      | 351                       | 269            | 388     | 866   | 489   | 806             | 871                    | 335            |
| Convenient to friends or relatives . . . . .          | 1,239                                      | 15                                          | 90                                    | 214                       | 231      | 122                                     | 433                       | 174            | 348     | 462   | 254   | 513             | 508                    | 218            |
| Convenient to leisure activities . . . . .            | 203                                        | 2                                           | 9                                     | 28                        | 33       | 21                                      | 42                        | 22             | 37      | 75    | 70    | 117             | 75                     | 12             |
| Convenient to public transportation . . . . .         | 180                                        | 7                                           | 2                                     | 43                        | 39       | 14                                      | 60                        | 54             | 39      | 50    | 38    | 120             | 46                     | 14             |
| Good schools. . . . .                                 | 774                                        | 8                                           | 23                                    | 126                       | 136      | 2                                       | 283                       | 111            | 176     | 244   | 243   | 278             | 351                    | 145            |
| Other public services. . . . .                        | 147                                        | 2                                           | 5                                     | 53                        | 26       | 11                                      | 71                        | 15             | 42      | 44    | 46    | 79              | 41                     | 27             |
| Looks/design of neighborhood . . . . .                | 850                                        | 33                                          | 16                                    | 191                       | 138      | 48                                      | 209                       | 107            | 178     | 341   | 224   | 358             | 339                    | 153            |
| House was most important consideration. . . . .       | 930                                        | 38                                          | 28                                    | 177                       | 132      | 70                                      | 249                       | 150            | 173     | 370   | 237   | 356             | 346                    | 228            |
| Other . . . . .                                       | 1,909                                      | 40                                          | 62                                    | 374                       | 346      | 113                                     | 671                       | 227            | 438     | 745   | 499   | 818             | 753                    | 337            |
| Not reported . . . . .                                | 4,060                                      | 128                                         | 106                                   | 882                       | 829      | 223                                     | 1,240                     | 476            | 773     | 1,616 | 1,194 | 1,715           | 1,772                  | 573            |

See footnotes at end of table.

Table C-07-RO.

**Housing and Neighborhood Search and Satisfaction—Renter-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                     | Total<br>renter-<br>occu-<br>pied<br>units | Housing unit<br>characteristics             |                                       | Household characteristics |          |                                         |                           | Regions        |         |       |       | Inside MSA      |                        | Outside<br>MSA |
|-----------------------------------------------------|--------------------------------------------|---------------------------------------------|---------------------------------------|---------------------------|----------|-----------------------------------------|---------------------------|----------------|---------|-------|-------|-----------------|------------------------|----------------|
|                                                     |                                            | New<br>con-<br>struction<br>past 4<br>years | Manu-<br>factured/<br>mobile<br>homes | Black<br>alone            | Hispanic | Elderly<br>(65<br>years<br>and<br>over) | Below<br>poverty<br>level | North-<br>east | Midwest | South | West  | Central<br>city | Not<br>central<br>city |                |
| Recent Mover Comparison to<br>Previous Neighborhood |                                            |                                             |                                       |                           |          |                                         |                           |                |         |       |       |                 |                        |                |
| Better neighborhood . . . . .                       | 4,939                                      | 123                                         | 216                                   | 977                       | 1,063    | 210                                     | 1,405                     | 667            | 1,010   | 1,952 | 1,309 | 1,987           | 2,125                  | 827            |
| Worse neighborhood . . . . .                        | 1,930                                      | 30                                          | 57                                    | 330                       | 340      | 68                                      | 594                       | 243            | 424     | 734   | 529   | 981             | 738                    | 211            |
| About the same . . . . .                            | 5,227                                      | 164                                         | 149                                   | 960                       | 872      | 289                                     | 1,479                     | 663            | 1,093   | 2,007 | 1,464 | 2,163           | 2,112                  | 952            |
| Same neighborhood . . . . .                         | 704                                        | 18                                          | 14                                    | 129                       | 135      | 40                                      | 232                       | 153            | 144     | 239   | 168   | 310             | 299                    | 96             |
| Not reported . . . . .                              | 472                                        | 19                                          | 12                                    | 112                       | 48       | 73                                      | 126                       | 69             | 86      | 208   | 109   | 183             | 213                    | 76             |

<sup>1</sup> Restricted to units where the respondent (the person who answered the survey) moved in the past year from within the United States. Figures are not comparable to 2009; see Appendix C for details.<sup>2</sup> Figures may not add to total because more than one category may apply to a unit.<sup>3</sup> In 2011, there was an error which caused some eligible respondents to not be asked this question. This increased the number of values that were not reported.

Table C-08-RO.

**Household Demographics—Renter-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                         | Total renter-occupied units | Housing unit characteristics  |                           | Household characteristics |              |                             |                     | Regions      |              |               |               | Inside MSA    |                  | Outside MSA  |
|---------------------------------------------------------|-----------------------------|-------------------------------|---------------------------|---------------------------|--------------|-----------------------------|---------------------|--------------|--------------|---------------|---------------|---------------|------------------|--------------|
|                                                         |                             | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic     | Elderly (65 years and over) | Below poverty level | North-east   | Midwest      | South         | West          | Central city  | Not central city |              |
| <b>Total</b> .....                                      | <b>38,816</b>               | <b>673</b>                    | <b>1,512</b>              | <b>8,033</b>              | <b>7,311</b> | <b>4,808</b>                | <b>11,126</b>       | <b>7,585</b> | <b>7,650</b> | <b>13,465</b> | <b>10,115</b> | <b>16,502</b> | <b>16,251</b>    | <b>6,062</b> |
| <b>HOUSEHOLDER CHARACTERISTICS</b>                      |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| <b>Race and Hispanic Origin</b>                         |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| White alone .....                                       | 27,463                      | 447                           | 1,325                     | X                         | 6,547        | 3,704                       | 7,116               | 5,421        | 5,600        | 8,757         | 7,686         | 10,527        | 11,918           | 5,018        |
| Non-Hispanic .....                                      | 20,916                      | 376                           | 1,071                     | X                         | X            | 3,155                       | 4,840               | 4,144        | 5,118        | 6,686         | 4,968         | 7,327         | 9,063            | 4,526        |
| Hispanic .....                                          | 6,547                       | 71                            | 253                       | X                         | 6,547        | 550                         | 2,275               | 1,277        | 482          | 2,071         | 2,718         | 3,200         | 2,854            | 493          |
| Black alone .....                                       | 8,033                       | 140                           | 120                       | 8,033                     | 369          | 801                         | 3,096               | 1,547        | 1,549        | 4,009         | 928           | 4,393         | 2,977            | 663          |
| Non-Hispanic .....                                      | 7,664                       | 134                           | 118                       | 7,664                     | X            | 783                         | 2,979               | 1,381        | 1,506        | 3,904         | 873           | 4,158         | 2,864            | 641          |
| Hispanic .....                                          | 369                         | 5                             | 2                         | 369                       | 369          | 17                          | 117                 | 166          | 43           | 105           | 55            | 234           | 113              | 21           |
| American Indian or Alaska Native alone .....            | 556                         | 8                             | 33                        | X                         | 153          | 44                          | 204                 | 45           | 104          | 126           | 281           | 206           | 128              | 222          |
| Asian alone .....                                       | 1,907                       | 60                            | 8                         | X                         | 67           | 199                         | 454                 | 439          | 234          | 350           | 884           | 989           | 862              | 55           |
| Pacific Islander alone <sup>1</sup> .....               | 170                         | 5                             | 1                         | X                         | 33           | 8                           | 44                  | 19           | 20           | 32            | 99            | 62            | 97               | 11           |
| Two or more races .....                                 | 688                         | 14                            | 26                        | X                         | 142          | 53                          | 213                 | 115          | 143          | 192           | 237           | 326           | 269              | 93           |
| Hispanic or Latino (any race) <sup>2</sup> .....        | 7,311                       | 87                            | 257                       | 369                       | 7,311        | 591                         | 2,516               | 1,515        | 568          | 2,244         | 2,984         | 3,634         | 3,114            | 563          |
| <b>Age of Householder</b>                               |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Under 25 years old .....                                | 4,568                       | 119                           | 194                       | 769                       | 863          | X                           | 1,799               | 669          | 1,046        | 1,742         | 1,111         | 2,189         | 1,556            | 823          |
| 25 to 29 years old .....                                | 5,610                       | 115                           | 176                       | 1,052                     | 1,088        | X                           | 1,325               | 966          | 1,138        | 2,030         | 1,476         | 2,531         | 2,280            | 799          |
| 30 to 34 years old .....                                | 5,343                       | 84                            | 193                       | 1,128                     | 1,106        | X                           | 1,283               | 972          | 973          | 2,048         | 1,350         | 2,299         | 2,298            | 746          |
| 35 to 44 years old .....                                | 7,600                       | 131                           | 290                       | 1,725                     | 1,804        | X                           | 1,996               | 1,386        | 1,395        | 2,609         | 2,210         | 3,052         | 3,459            | 1,089        |
| 45 to 54 years old .....                                | 6,422                       | 107                           | 302                       | 1,517                     | 1,199        | X                           | 1,850               | 1,316        | 1,189        | 2,222         | 1,694         | 2,626         | 2,808            | 987          |
| 55 to 64 years old .....                                | 4,466                       | 49                            | 171                       | 1,041                     | 661          | X                           | 1,252               | 956          | 885          | 1,464         | 1,162         | 1,825         | 1,884            | 757          |
| 65 to 74 years old .....                                | 2,366                       | 34                            | 101                       | 519                       | 357          | 2,366                       | 805                 | 628          | 459          | 714           | 565           | 1,008         | 954              | 403          |
| 75 years old and over .....                             | 2,442                       | 36                            | 85                        | 282                       | 234          | 2,442                       | 815                 | 693          | 566          | 636           | 548           | 973           | 1,012            | 458          |
| <b>Median (years old)</b> .....                         | <b>39</b>                   | <b>35</b>                     | <b>41</b>                 | <b>40</b>                 | <b>37</b>    | <b>75</b>                   | <b>40</b>           | <b>43</b>    | <b>39</b>    | <b>38</b>     | <b>39</b>     | <b>38</b>     | <b>40</b>        | <b>40</b>    |
| <b>Educational Attainment of the Householder</b>        |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Less than 9th grade .....                               | 2,240                       | 20                            | 157                       | 309                       | 1,276        | 762                         | 1,149               | 470          | 267          | 806           | 696           | 1,084         | 819              | 337          |
| 9th to 12th grade, no diploma .....                     | 4,813                       | 42                            | 374                       | 1,312                     | 1,475        | 818                         | 2,370               | 1,001        | 845          | 1,905         | 1,063         | 2,035         | 1,882            | 897          |
| High school graduate (includes equivalency) .....       | 11,757                      | 148                           | 613                       | 2,681                     | 2,197        | 1,482                       | 3,542               | 2,277        | 2,591        | 4,059         | 2,830         | 4,417         | 5,069            | 2,271        |
| Additional vocational training .....                    | 1,321                       | 23                            | 54                        | 287                       | 197          | 164                         | 366                 | 243          | 309          | 403           | 366           | 510           | 602              | 209          |
| Some college, no degree .....                           | 7,981                       | 194                           | 220                       | 1,796                     | 1,141        | 763                         | 2,397               | 1,243        | 1,735        | 2,764         | 2,238         | 3,391         | 3,239            | 1,351        |
| Associate's degree .....                                | 3,037                       | 45                            | 69                        | 693                       | 457          | 197                         | 604                 | 552          | 665          | 1,033         | 786           | 1,192         | 1,427            | 418          |
| Bachelor's degree .....                                 | 6,201                       | 134                           | 66                        | 877                       | 571          | 452                         | 796                 | 1,346        | 1,096        | 1,994         | 1,764         | 2,986         | 2,652            | 563          |
| Graduate or professional degree .....                   | 2,789                       | 91                            | 13                        | 364                       | 195          | 334                         | 268                 | 697          | 450          | 904           | 737           | 1,398         | 1,163            | 227          |
| <b>Percent high school graduate or higher</b> .....     | <b>81.8</b>                 | <b>90.8</b>                   | <b>64.9</b>               | <b>79.8</b>               | <b>62.4</b>  | <b>67.1</b>                 | <b>68.4</b>         | <b>80.6</b>  | <b>85.5</b>  | <b>79.9</b>   | <b>82.6</b>   | <b>81.1</b>   | <b>83.4</b>      | <b>79.7</b>  |
| <b>Percent bachelor's degree or higher</b> ..           | <b>23.2</b>                 | <b>33.3</b>                   | <b>5.2</b>                | <b>15.5</b>               | <b>10.5</b>  | <b>16.4</b>                 | <b>9.6</b>          | <b>26.9</b>  | <b>20.2</b>  | <b>21.5</b>   | <b>24.7</b>   | <b>26.6</b>   | <b>23.5</b>      | <b>13.0</b>  |
| <b>Citizenship of Householder</b>                       |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Citizen of the United States .....                      | 34,090                      | 620                           | 1,357                     | 7,561                     | 4,549        | 4,600                       | 9,494               | 6,589        | 7,139        | 12,025        | 8,338         | 14,187        | 14,121           | 5,782        |
| Naturalized citizen of the United States .....          | 2,770                       | 58                            | 45                        | 439                       | 1,039        | 593                         | 742                 | 848          | 253          | 653           | 1,016         | 1,423         | 1,241            | 106          |
| Not citizen of the United States .....                  | 4,725                       | 54                            | 155                       | 471                       | 2,763        | 208                         | 1,632               | 996          | 511          | 1,440         | 1,778         | 2,315         | 2,130            | 280          |
| <b>Year Householder Immigrated to the United States</b> |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| 2010 to 2014 .....                                      | 361                         | 11                            | 3                         | 42                        | 64           | 4                           | 130                 | 82           | 51           | 123           | 105           | 190           | 152              | 19           |
| 2005 to 2009 .....                                      | 1,196                       | 19                            | 32                        | 150                       | 452          | 31                          | 360                 | 278          | 164          | 427           | 327           | 605           | 541              | 50           |
| 2000 to 2004 .....                                      | 1,466                       | 20                            | 72                        | 185                       | 845          | 38                          | 432                 | 363          | 146          | 446           | 511           | 696           | 671              | 99           |
| 1995 to 1999 .....                                      | 1,173                       | 9                             | 27                        | 142                       | 688          | 67                          | 399                 | 261          | 132          | 360           | 419           | 561           | 533              | 78           |
| 1990 to 1994 .....                                      | 952                         | 17                            | 10                        | 109                       | 536          | 78                          | 304                 | 214          | 101          | 227           | 409           | 470           | 421              | 61           |
| 1980 to 1989 .....                                      | 1,323                       | 13                            | 43                        | 174                       | 722          | 168                         | 426                 | 334          | 100          | 277           | 612           | 709           | 583              | 31           |
| 1979 or before .....                                    | 1,024                       | 23                            | 13                        | 108                       | 494          | 416                         | 322                 | 312          | 69           | 232           | 410           | 506           | 470              | 48           |
| <b>Year Householder Moved Into Unit</b>                 |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| 2010 to 2014 .....                                      | 18,225                      | 484                           | 618                       | 3,473                     | 3,331        | 960                         | 5,143               | 2,646        | 3,721        | 6,926         | 4,932         | 7,681         | 7,626            | 2,917        |
| 2005 to 2009 .....                                      | 13,450                      | 190                           | 554                       | 3,051                     | 2,708        | 1,548                       | 3,784               | 2,736        | 2,687        | 4,638         | 3,389         | 5,668         | 5,765            | 2,017        |
| 2000 to 2004 .....                                      | 3,405                       | Z                             | 176                       | 697                       | 623          | 811                         | 1,010               | 865          | 629          | 985           | 926           | 1,337         | 1,539            | 529          |
| 1995 to 1999 .....                                      | 1,521                       | Z                             | 68                        | 302                       | 290          | 480                         | 486                 | 441          | 254          | 375           | 450           | 727           | 581              | 212          |
| 1990 to 1994 .....                                      | 879                         | Z                             | 67                        | 214                       | 131          | 304                         | 315                 | 311          | 137          | 235           | 197           | 402           | 314              | 163          |
| 1985 to 1989 .....                                      | 434                         | Z                             | 8                         | 89                        | 77           | 161                         | 135                 | 145          | 79           | 109           | 100           | 203           | 165              | 66           |
| 1980 to 1984 .....                                      | 295                         | Z                             | 11                        | 83                        | 55           | 143                         | 86                  | 132          | 47           | 74            | 41            | 161           | 83               | 52           |
| 1975 to 1979 .....                                      | 229                         | Z                             | 6                         | 48                        | 48           | 120                         | 64                  | 119          | 39           | 34            | 37            | 141           | 66               | 21           |
| 1970 to 1974 .....                                      | 141                         | Z                             | 3                         | 29                        | 32           | 95                          | 56                  | 63           | 23           | 36            | 19            | 71            | 50               | 20           |
| 1960 to 1969 .....                                      | 139                         | Z                             | 3                         | 32                        | 13           | 101                         | 28                  | 72           | 17           | 37            | 13            | 70            | 42               | 28           |
| 1950 to 1959 .....                                      | 67                          | Z                             | Z                         | 9                         | 3            | 55                          | 15                  | 35           | 14           | 11            | 7             | 28            | 12               | 27           |
| 1940 to 1949 .....                                      | 26                          | Z                             | Z                         | 1                         | Z            | 24                          | 4                   | 19           | Z            | 3             | 4             | 10            | 9                | 7            |
| 1939 or earlier .....                                   | 6                           | Z                             | Z                         | 2                         | Z            | 6                           | Z                   | Z            | 3            | 2             | Z             | 2             | Z                | 3            |
| <b>Median (year)</b> .....                              | <b>2009</b>                 | <b>2010</b>                   | <b>2009</b>               | <b>2009</b>               | <b>2009</b>  | <b>2005</b>                 | <b>2009</b>         | <b>2008</b>  | <b>2009</b>  | <b>2010</b>   | <b>2009</b>   | <b>2009</b>   | <b>2009</b>      | <b>2009</b>  |

See footnotes at end of table.

Table C-08-RO.

**Household Demographics—Renter-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                          | Total<br>renter-<br>occupied<br>units | Housing unit<br>characteristics             |                                       | Household characteristics |          |                                         |                           | Regions        |         |       |       | Inside MSA      |                        |       | Outside<br>MSA |
|----------------------------------------------------------|---------------------------------------|---------------------------------------------|---------------------------------------|---------------------------|----------|-----------------------------------------|---------------------------|----------------|---------|-------|-------|-----------------|------------------------|-------|----------------|
|                                                          |                                       | New<br>con-<br>struction<br>past 4<br>years | Manu-<br>factured/<br>mobile<br>homes | Black<br>alone            | Hispanic | Elderly<br>(65<br>years<br>and<br>over) | Below<br>poverty<br>level | North-<br>east | Midwest | South | West  | Central<br>city | Not<br>central<br>city |       |                |
|                                                          |                                       |                                             |                                       |                           |          |                                         |                           |                |         |       |       |                 |                        |       |                |
| HOUSEHOLD CHARACTERISTICS                                |                                       |                                             |                                       |                           |          |                                         |                           |                |         |       |       |                 |                        |       |                |
| Household Moves and Formation in<br>Last Year            |                                       |                                             |                                       |                           |          |                                         |                           |                |         |       |       |                 |                        |       |                |
| Total with a move in last year . . .                     | 15,359                                | 374                                         | 569                                   | 2,901                     | 2,946    | 758                                     | 4,497                     | 2,233          | 3,133   | 5,817 | 4,176 | 6,549           | 6,320                  | 2,490 |                |
| Household all moved here from one<br>unit . . . . .      | 11,409                                | 327                                         | 377                                   | 2,222                     | 2,111    | 655                                     | 3,428                     | 1,511          | 2,331   | 4,541 | 3,027 | 4,794           | 4,773                  | 1,842 |                |
| Previous householder moved here . . .                    | 8,014                                 | 250                                         | 278                                   | 1,567                     | 1,448    | 532                                     | 2,148                     | 1,009          | 1,634   | 3,177 | 2,193 | 3,277           | 3,405                  | 1,332 |                |
| Previous householder did not move<br>here . . . . .      | 2,385                                 | 42                                          | 71                                    | 466                       | 504      | 82                                      | 934                       | 347            | 511     | 952   | 575   | 1,047           | 947                    | 391   |                |
| Previous householder not reported . . .                  | 1,010                                 | 35                                          | 27                                    | 189                       | 159      | 42                                      | 347                       | 155            | 185     | 412   | 259   | 471             | 421                    | 119   |                |
| Household moved here from two or more<br>units . . . . . | 1,625                                 | 26                                          | 52                                    | 211                       | 271      | 14                                      | 354                       | 247            | 367     | 537   | 474   | 749             | 609                    | 267   |                |
| 1 previous householder moved here . .                    | 411                                   | 5                                           | 15                                    | 47                        | 61       | 2                                       | 74                        | 63             | 80      | 149   | 119   | 167             | 173                    | 71    |                |
| 2 or more previous householders<br>moved here . . . . .  | 583                                   | 8                                           | 22                                    | 74                        | 83       | 9                                       | 88                        | 80             | 126     | 187   | 190   | 286             | 220                    | 78    |                |
| No previous householder moved<br>here . . . . .          | 337                                   | 9                                           | 3                                     | 47                        | 70       | Z                                       | 81                        | 59             | 89      | 103   | 86    | 136             | 144                    | 57    |                |
| Previous householder(s) not<br>reported . . . . .        | 293                                   | 3                                           | 11                                    | 42                        | 57       | 2                                       | 111                       | 45             | 71      | 97    | 80    | 160             | 72                     | 61    |                |
| Some already here, rest moved in. . . . .                | 2,324                                 | 21                                          | 140                                   | 469                       | 564      | 89                                      | 714                       | 476            | 435     | 739   | 674   | 1,005           | 939                    | 381   |                |
| 1 or more previous householders<br>moved here . . . . .  | 749                                   | 9                                           | 34                                    | 141                       | 171      | 44                                      | 191                       | 127            | 147     | 238   | 237   | 323             | 283                    | 142   |                |
| No previous householder moved<br>here . . . . .          | 1,326                                 | 12                                          | 95                                    | 282                       | 332      | 31                                      | 458                       | 282            | 241     | 429   | 374   | 545             | 567                    | 214   |                |
| Previous householder(s) not<br>reported . . . . .        | 250                                   | Z                                           | 12                                    | 46                        | 61       | 14                                      | 65                        | 67             | 47      | 72    | 63    | 137             | 88                     | 25    |                |
| Number of previous units not reported . .                | 1                                     | Z                                           | Z                                     | Z                         | Z        | Z                                       | 1                         | Z              | Z       | Z     | 1     | 1               | Z                      | Z     |                |
| Persons                                                  |                                       |                                             |                                       |                           |          |                                         |                           |                |         |       |       |                 |                        |       |                |
| 1 person. . . . .                                        | 13,769                                | 258                                         | 413                                   | 2,855                     | 1,484    | 3,219                                   | 4,260                     | 2,976          | 3,099   | 4,564 | 3,131 | 6,289           | 5,380                  | 2,100 |                |
| 2 persons. . . . .                                       | 10,524                                | 187                                         | 409                                   | 2,031                     | 1,606    | 1,189                                   | 2,174                     | 2,074          | 2,061   | 3,751 | 2,638 | 4,461           | 4,322                  | 1,740 |                |
| 3 persons. . . . .                                       | 5,974                                 | 109                                         | 240                                   | 1,395                     | 1,373    | 221                                     | 1,536                     | 1,043          | 1,052   | 2,192 | 1,687 | 2,452           | 2,635                  | 887   |                |
| 4 persons. . . . .                                       | 4,669                                 | 68                                          | 250                                   | 919                       | 1,344    | 109                                     | 1,402                     | 794            | 835     | 1,690 | 1,349 | 1,704           | 2,205                  | 760   |                |
| 5 persons. . . . .                                       | 2,403                                 | 40                                          | 131                                   | 506                       | 877      | 43                                      | 1,025                     | 428            | 380     | 817   | 778   | 990             | 1,032                  | 380   |                |
| 6 persons. . . . .                                       | 905                                   | 11                                          | 58                                    | 186                       | 366      | 21                                      | 416                       | 149            | 139     | 291   | 326   | 364             | 407                    | 134   |                |
| 7 persons or more . . . . .                              | 572                                   | 1                                           | 11                                    | 140                       | 261      | 6                                       | 312                       | 122            | 85      | 160   | 206   | 241             | 270                    | 61    |                |
| Household Composition by Age of<br>Householder           |                                       |                                             |                                       |                           |          |                                         |                           |                |         |       |       |                 |                        |       |                |
| 2-or-more-person households . . . . .                    | 25,047                                | 415                                         | 1,099                                 | 5,178                     | 5,827    | 1,589                                   | 6,865                     | 4,609          | 4,551   | 8,901 | 6,985 | 10,213          | 10,872                 | 3,962 |                |
| Married-couple families, no non-<br>relatives . . . . .  | 10,345                                | 177                                         | 460                                   | 1,298                     | 2,631    | 884                                     | 2,065                     | 1,881          | 1,729   | 3,537 | 3,198 | 3,786           | 4,875                  | 1,684 |                |
| Under 25 years old . . . . .                             | 684                                   | 18                                          | 57                                    | 63                        | 182      | X                                       | 195                       | 84             | 123     | 299   | 178   | 253             | 303                    | 128   |                |
| 25 to 29 years old. . . . .                              | 1,427                                 | 29                                          | 60                                    | 134                       | 395      | X                                       | 261                       | 192            | 274     | 515   | 445   | 547             | 635                    | 245   |                |
| 30 to 34 years old. . . . .                              | 1,831                                 | 22                                          | 55                                    | 222                       | 447      | X                                       | 333                       | 310            | 287     | 683   | 551   | 699             | 897                    | 235   |                |
| 35 to 44 years old. . . . .                              | 2,719                                 | 54                                          | 131                                   | 373                       | 823      | X                                       | 577                       | 485            | 406     | 902   | 927   | 960             | 1,357                  | 402   |                |
| 45 to 64 years old. . . . .                              | 2,799                                 | 42                                          | 124                                   | 420                       | 651      | X                                       | 520                       | 570            | 468     | 913   | 849   | 1,000           | 1,300                  | 499   |                |
| 65 years old and over. . . . .                           | 884                                   | 12                                          | 33                                    | 86                        | 133      | 884                                     | 179                       | 239            | 171     | 225   | 248   | 327             | 383                    | 175   |                |
| Other male householder . . . . .                         | 5,174                                 | 83                                          | 275                                   | 849                       | 1,251    | 173                                     | 1,001                     | 900            | 944     | 1,833 | 1,498 | 2,191           | 2,121                  | 863   |                |
| Under 45 years old. . . . .                              | 3,904                                 | 57                                          | 181                                   | 575                       | 965      | X                                       | 736                       | 638            | 766     | 1,376 | 1,124 | 1,708           | 1,548                  | 648   |                |
| 45 to 64 years old. . . . .                              | 1,097                                 | 25                                          | 73                                    | 233                       | 264      | X                                       | 217                       | 231            | 162     | 396   | 307   | 425             | 487                    | 185   |                |
| 65 years old and over. . . . .                           | 173                                   | 1                                           | 21                                    | 41                        | 21       | 173                                     | 48                        | 30             | 16      | 60    | 67    | 57              | 86                     | 30    |                |
| Other female householder . . . . .                       | 9,527                                 | 155                                         | 365                                   | 3,031                     | 1,946    | 532                                     | 3,800                     | 1,828          | 1,879   | 3,532 | 2,288 | 4,237           | 3,875                  | 1,415 |                |
| Under 45 years old. . . . .                              | 6,631                                 | 127                                         | 240                                   | 2,095                     | 1,342    | X                                       | 2,776                     | 1,203          | 1,392   | 2,502 | 1,534 | 2,972           | 2,639                  | 1,020 |                |
| 45 to 64 years old. . . . .                              | 2,364                                 | 24                                          | 89                                    | 769                       | 482      | X                                       | 852                       | 475            | 407     | 839   | 643   | 997             | 1,043                  | 324   |                |
| 65 years old and over. . . . .                           | 532                                   | 3                                           | 36                                    | 167                       | 122      | 532                                     | 172                       | 151            | 80      | 190   | 111   | 268             | 193                    | 71    |                |
| 1-person households . . . . .                            | 13,769                                | 258                                         | 413                                   | 2,855                     | 1,484    | 3,219                                   | 4,260                     | 2,976          | 3,099   | 4,564 | 3,131 | 6,289           | 5,380                  | 2,100 |                |
| Male householder . . . . .                               | 6,868                                 | 119                                         | 243                                   | 1,407                     | 856      | 1,018                                   | 1,739                     | 1,423          | 1,489   | 2,284 | 1,672 | 3,137           | 2,690                  | 1,041 |                |
| Under 45 years old. . . . .                              | 3,403                                 | 80                                          | 96                                    | 641                       | 475      | X                                       | 754                       | 609            | 730     | 1,236 | 828   | 1,586           | 1,352                  | 466   |                |
| 45 to 64 years old. . . . .                              | 2,447                                 | 31                                          | 99                                    | 585                       | 246      | X                                       | 681                       | 527            | 543     | 787   | 590   | 1,077           | 958                    | 412   |                |
| 65 years old and over. . . . .                           | 1,018                                 | 8                                           | 48                                    | 181                       | 135      | 1,018                                   | 304                       | 287            | 215     | 261   | 254   | 474             | 380                    | 163   |                |
| Female householder . . . . .                             | 6,901                                 | 139                                         | 169                                   | 1,448                     | 628      | 2,201                                   | 2,521                     | 1,553          | 1,610   | 2,279 | 1,459 | 3,152           | 2,689                  | 1,059 |                |
| Under 45 years old. . . . .                              | 2,520                                 | 61                                          | 33                                    | 571                       | 232      | X                                       | 772                       | 471            | 574     | 916   | 559   | 1,345           | 861                    | 314   |                |
| 45 to 64 years old. . . . .                              | 2,180                                 | 33                                          | 88                                    | 551                       | 216      | X                                       | 832                       | 469            | 493     | 751   | 467   | 952             | 903                    | 324   |                |
| 65 years old and over. . . . .                           | 2,201                                 | 45                                          | 48                                    | 326                       | 180      | 2,201                                   | 917                       | 613            | 543     | 613   | 433   | 855             | 924                    | 422   |                |

See notes at end of table.

Table C-08-RO.

**Household Demographics—Renter-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                        | Total<br>renter-<br>occupied<br>units | Housing unit<br>characteristics             |                                       | Household characteristics |          |                                         |                           | Regions        |         |        |       | Inside MSA      |                        | Outside<br>MSA |
|------------------------------------------------------------------------|---------------------------------------|---------------------------------------------|---------------------------------------|---------------------------|----------|-----------------------------------------|---------------------------|----------------|---------|--------|-------|-----------------|------------------------|----------------|
|                                                                        |                                       | New<br>con-<br>struction<br>past 4<br>years | Manu-<br>factured/<br>mobile<br>homes | Black<br>alone            | Hispanic | Elderly<br>(65<br>years<br>and<br>over) | Below<br>poverty<br>level | North-<br>east | Midwest | South  | West  | Central<br>city | Not<br>central<br>city |                |
|                                                                        |                                       |                                             |                                       |                           |          |                                         |                           |                |         |        |       |                 |                        |                |
| Households With Single Children Under 18 Years Old                     |                                       |                                             |                                       |                           |          |                                         |                           |                |         |        |       |                 |                        |                |
| Total households with children. . . . .                                | 13,790                                | 234                                         | 642                                   | 3,399                     | 3,809    | 203                                     | 4,985                     | 2,333          | 2,503   | 5,072  | 3,882 | 5,263           | 6,285                  | 2,242          |
| Married couples . . . . .                                              | 6,195                                 | 98                                          | 309                                   | 826                       | 1,977    | 51                                      | 1,550                     | 1,011          | 983     | 2,143  | 2,058 | 2,170           | 3,055                  | 971            |
| One child under 6 years old only . . . . .                             | 1,185                                 | 23                                          | 63                                    | 124                       | 286      | 3                                       | 148                       | 186            | 195     | 433    | 371   | 431             | 583                    | 170            |
| One under 6 years old, one or more 6 to 17 years old. . . . .          | 1,257                                 | 18                                          | 50                                    | 175                       | 543      | 3                                       | 385                       | 224            | 199     | 388    | 445   | 496             | 577                    | 183            |
| Two or more under 6 years old only . . . . .                           | 766                                   | 11                                          | 49                                    | 87                        | 198      | 4                                       | 246                       | 130            | 133     | 298    | 205   | 239             | 385                    | 142            |
| Two or more under 6 years old, one or more 6 to 17 years old . . . . . | 472                                   | 8                                           | 17                                    | 69                        | 192      | 1                                       | 216                       | 77             | 64      | 148    | 183   | 174             | 236                    | 63             |
| One or more 6 to 17 years old only . . . . .                           | 2,516                                 | 39                                          | 130                                   | 371                       | 758      | 40                                      | 555                       | 395            | 392     | 875    | 854   | 830             | 1,274                  | 413            |
| Other households with two or more adults. . . . .                      | 3,347                                 | 54                                          | 170                                   | 917                       | 1,019    | 110                                     | 1,262                     | 604            | 601     | 1,209  | 934   | 1,354           | 1,453                  | 540            |
| One child under 6 years old only . . . . .                             | 766                                   | 14                                          | 43                                    | 199                       | 183      | 25                                      | 210                       | 143            | 135     | 257    | 231   | 303             | 304                    | 159            |
| One under 6 years old, one or more 6 to 17 years old. . . . .          | 553                                   | 2                                           | 36                                    | 168                       | 204      | 25                                      | 249                       | 105            | 112     | 183    | 153   | 222             | 247                    | 83             |
| Two or more under 6 years old only . . . . .                           | 300                                   | 5                                           | 9                                     | 66                        | 117      | 2                                       | 146                       | 49             | 65      | 91     | 95    | 128             | 126                    | 46             |
| Two or more under 6 years old, one or more 6 to 17 years old . . . . . | 218                                   | 3                                           | 8                                     | 59                        | 83       | 3                                       | 139                       | 25             | 33      | 91     | 70    | 88              | 89                     | 41             |
| One or more 6 to 17 years old only . . . . .                           | 1,509                                 | 31                                          | 74                                    | 425                       | 431      | 56                                      | 518                       | 282            | 255     | 587    | 385   | 613             | 686                    | 210            |
| Households with one adult or none . . . . .                            | 4,248                                 | 82                                          | 163                                   | 1,656                     | 813      | 42                                      | 2,173                     | 718            | 919     | 1,720  | 891   | 1,739           | 1,777                  | 732            |
| One child under 6 years old only . . . . .                             | 657                                   | 13                                          | 14                                    | 251                       | 108      | 3                                       | 321                       | 96             | 148     | 296    | 116   | 256             | 271                    | 130            |
| One under 6 years old, one or more 6 to 17 years old. . . . .          | 719                                   | 7                                           | 36                                    | 323                       | 146      | Z                                       | 426                       | 121            | 157     | 293    | 148   | 315             | 297                    | 107            |
| Two or more under 6 years old only . . . . .                           | 293                                   | 13                                          | 8                                     | 130                       | 50       | 1                                       | 211                       | 51             | 50      | 141    | 51    | 111             | 121                    | 62             |
| Two or more under 6 years old, one or more 6 to 17 years old . . . . . | 254                                   | 7                                           | 11                                    | 99                        | 62       | 2                                       | 185                       | 54             | 48      | 103    | 49    | 104             | 105                    | 46             |
| One or more 6 to 17 years old only . . . . .                           | 2,324                                 | 41                                          | 94                                    | 853                       | 447      | 35                                      | 1,030                     | 395            | 515     | 886    | 527   | 954             | 982                    | 387            |
| Total households with no children . . . . .                            | 25,026                                | 439                                         | 870                                   | 4,634                     | 3,502    | 4,605                                   | 6,141                     | 5,252          | 5,147   | 8,393  | 6,233 | 11,239          | 9,967                  | 3,820          |
| Married couples . . . . .                                              | 4,350                                 | 79                                          | 161                                   | 494                       | 756      | 838                                     | 542                       | 894            | 765     | 1,466  | 1,225 | 1,703           | 1,901                  | 746            |
| Other households with two or more adults. . . . .                      | 6,918                                 | 105                                         | 296                                   | 1,288                     | 1,262    | 548                                     | 1,346                     | 1,381          | 1,283   | 2,372  | 1,882 | 3,249           | 2,690                  | 979            |
| Households with one adult. . . . .                                     | 13,758                                | 255                                         | 413                                   | 2,851                     | 1,484    | 3,219                                   | 4,253                     | 2,978          | 3,099   | 4,555  | 3,126 | 6,287           | 5,376                  | 2,095          |
| Number of Single Children Under 18 Years Old                           |                                       |                                             |                                       |                           |          |                                         |                           |                |         |        |       |                 |                        |                |
| None . . . . .                                                         | 25,026                                | 439                                         | 870                                   | 4,634                     | 3,502    | 4,605                                   | 6,141                     | 5,252          | 5,147   | 8,393  | 6,233 | 11,239          | 9,967                  | 3,820          |
| 1. . . . .                                                             | 5,785                                 | 111                                         | 268                                   | 1,418                     | 1,324    | 107                                     | 1,585                     | 979            | 1,078   | 2,172  | 1,557 | 2,182           | 2,605                  | 997            |
| 2. . . . .                                                             | 4,698                                 | 77                                          | 210                                   | 1,083                     | 1,364    | 67                                      | 1,616                     | 802            | 846     | 1,752  | 1,298 | 1,793           | 2,162                  | 744            |
| 3. . . . .                                                             | 2,208                                 | 38                                          | 120                                   | 569                       | 741      | 23                                      | 1,091                     | 363            | 394     | 768    | 683   | 828             | 1,036                  | 344            |
| 4. . . . .                                                             | 768                                   | 3                                           | 38                                    | 203                       | 282      | 7                                       | 471                       | 142            | 123     | 263    | 239   | 330             | 338                    | 101            |
| 5. . . . .                                                             | 245                                   | 5                                           | 2                                     | 100                       | 72       | Z                                       | 160                       | 22             | 47      | 87     | 88    | 92              | 111                    | 41             |
| 6 or more. . . . .                                                     | 86                                    | Z                                           | 3                                     | 25                        | 27       | Z                                       | 63                        | 25             | 15      | 30     | 17    | 38              | 33                     | 15             |
| Own Never-Married Children Under 18 Years Old                          |                                       |                                             |                                       |                           |          |                                         |                           |                |         |        |       |                 |                        |                |
| No own children under 18 years old . . . . .                           | 26,351                                | 452                                         | 969                                   | 5,029                     | 3,890    | 4,760                                   | 6,589                     | 5,480          | 5,366   | 8,941  | 6,564 | 11,818          | 10,483                 | 4,050          |
| With own children under 18 years old . . . . .                         | 12,464                                | 221                                         | 543                                   | 3,003                     | 3,421    | 48                                      | 4,537                     | 2,105          | 2,284   | 4,524  | 3,551 | 4,684           | 5,768                  | 2,012          |
| Under 6 years old only. . . . .                                        | 3,597                                 | 78                                          | 156                                   | 761                       | 832      | 2                                       | 1,195                     | 585            | 664     | 1,371  | 977   | 1,325           | 1,638                  | 634            |
| 1. . . . .                                                             | 2,364                                 | 49                                          | 107                                   | 508                       | 526      | 2                                       | 635                       | 378            | 434     | 898    | 655   | 893             | 1,069                  | 402            |
| 2. . . . .                                                             | 1,038                                 | 24                                          | 25                                    | 204                       | 258      | Z                                       | 432                       | 164            | 195     | 413    | 266   | 362             | 470                    | 207            |
| 3 or more . . . . .                                                    | 195                                   | 5                                           | 24                                    | 49                        | 48       | Z                                       | 128                       | 44             | 34      | 60     | 57    | 71              | 99                     | 24             |
| 6 to 17 years old only. . . . .                                        | 5,892                                 | 101                                         | 264                                   | 1,509                     | 1,549    | 41                                      | 1,996                     | 1,014          | 1,084   | 2,124  | 1,671 | 2,172           | 2,786                  | 934            |
| 1. . . . .                                                             | 2,920                                 | 55                                          | 138                                   | 768                       | 698      | 19                                      | 834                       | 522            | 569     | 1,050  | 779   | 1,056           | 1,373                  | 491            |
| 2. . . . .                                                             | 1,975                                 | 33                                          | 75                                    | 449                       | 549      | 18                                      | 651                       | 337            | 340     | 718    | 580   | 733             | 963                    | 279            |
| 3 or more . . . . .                                                    | 997                                   | 14                                          | 52                                    | 292                       | 302      | 4                                       | 511                       | 155            | 175     | 355    | 312   | 382             | 450                    | 165            |
| Both age groups. . . . .                                               | 2,975                                 | 42                                          | 123                                   | 732                       | 1,040    | 5                                       | 1,346                     | 506            | 536     | 1,030  | 903   | 1,188           | 1,344                  | 444            |
| 2. . . . .                                                             | 1,244                                 | 18                                          | 54                                    | 299                       | 411      | 1                                       | 409                       | 231            | 223     | 442    | 348   | 505             | 562                    | 177            |
| 3 or more . . . . .                                                    | 1,731                                 | 24                                          | 68                                    | 433                       | 629      | 4                                       | 937                       | 275            | 314     | 587    | 555   | 682             | 782                    | 267            |
| Persons 65 Years Old and Over                                          |                                       |                                             |                                       |                           |          |                                         |                           |                |         |        |       |                 |                        |                |
| None . . . . .                                                         | 33,337                                | 593                                         | 1,306                                 | 7,072                     | 6,544    | X                                       | 9,355                     | 6,111          | 6,517   | 11,883 | 8,827 | 14,252          | 13,958                 | 5,128          |
| 1 person. . . . .                                                      | 4,679                                 | 67                                          | 167                                   | 878                       | 648      | 4,063                                   | 1,633                     | 1,267          | 980     | 1,363  | 1,069 | 1,953           | 1,956                  | 771            |
| 2 persons or more . . . . .                                            | 799                                   | 13                                          | 39                                    | 83                        | 119      | 745                                     | 138                       | 208            | 153     | 219    | 219   | 298             | 338                    | 163            |

See footnotes at end of table.

Table C-08-RO.

**Household Demographics—Renter-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                | Total renter-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |       |       | Inside MSA   |                  | Outside MSA |
|----------------------------------------------------------------|-----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|-------|-------|--------------|------------------|-------------|
|                                                                |                             | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South | West  | Central city | Not central city |             |
| <b>Persons Other Than Spouse or Children<sup>3</sup></b>       |                             |                               |                           |                           |          |                             |                     |            |         |       |       |              |                  |             |
| With other relatives . . . . .                                 | 6,976                       | 92                            | 366                       | 1,876                     | 2,107    | 716                         | 2,049               | 1,433      | 1,081   | 2,422 | 2,040 | 2,935        | 3,132            | 910         |
| Single adult offspring 18 to 29 years old . . . . .            | 3,456                       | 45                            | 164                       | 954                       | 933      | 84                          | 1,101               | 758        | 560     | 1,134 | 1,005 | 1,416        | 1,609            | 430         |
| Single adult offspring 30 years old or over . . . . .          | 846                         | 3                             | 51                        | 255                       | 249      | 402                         | 269                 | 176        | 123     | 298   | 249   | 374          | 368              | 104         |
| Households with three generations . . . . .                    | 1,136                       | 8                             | 70                        | 332                       | 399      | 129                         | 476                 | 257        | 168     | 411   | 301   | 483          | 478              | 175         |
| Households with 1 subfamily . . . . .                          | 932                         | 11                            | 45                        | 244                       | 398      | 112                         | 351                 | 207        | 120     | 307   | 298   | 401          | 401              | 130         |
| Subfamily householder under 30 years old . . . . .             | 539                         | 9                             | 20                        | 166                       | 211      | 23                          | 229                 | 114        | 73      | 193   | 159   | 236          | 229              | 74          |
| 30 to 64 years old . . . . .                                   | 385                         | 2                             | 24                        | 78                        | 181      | 89                          | 122                 | 91         | 43      | 114   | 136   | 162          | 166              | 57          |
| 65 years old and over . . . . .                                | 8                           | Z                             | Z                         | Z                         | 6        | Z                           | Z                   | 2          | 3       | Z     | 3     | 2            | 5                | Z           |
| Households with 2 or more subfamilies . . . . .                | 33                          | Z                             | Z                         | 5                         | 22       | Z                           | 14                  | 14         | 3       | 2     | 13    | 21           | 12               | Z           |
| Households with other types of relatives . . . . .             | 2,956                       | 35                            | 161                       | 765                       | 986      | 276                         | 833                 | 578        | 442     | 1,078 | 858   | 1,280        | 1,265            | 411         |
| With nonrelatives . . . . .                                    | 6,653                       | 103                           | 332                       | 950                       | 1,369    | 147                         | 1,416               | 1,184      | 1,293   | 2,288 | 1,888 | 3,026        | 2,526            | 1,101       |
| Co-owners or co-renters . . . . .                              | 3,062                       | 57                            | 96                        | 366                       | 469      | 46                          | 592                 | 568        | 673     | 934   | 886   | 1,508        | 1,127            | 427         |
| Lodgers . . . . .                                              | 772                         | 5                             | 35                        | 96                        | 229      | 24                          | 128                 | 147        | 124     | 234   | 267   | 429          | 251              | 92          |
| Unrelated children, under 18 years old . . . . .               | 426                         | 5                             | 38                        | 88                        | 103      | 4                           | 111                 | 41         | 102     | 193   | 90    | 159          | 178              | 89          |
| Other nonrelatives . . . . .                                   | 2,960                       | 41                            | 212                       | 494                       | 727      | 74                          | 711                 | 487        | 502     | 1,168 | 803   | 1,173        | 1,191            | 596         |
| One or more secondary families . . . . .                       | 274                         | 3                             | 18                        | 59                        | 67       | Z                           | 58                  | 36         | 63      | 123   | 51    | 100          | 116              | 57          |
| 2-person households, none related to each other . . . . .      | 3,361                       | 51                            | 147                       | 432                       | 460      | 103                         | 537                 | 679        | 679     | 1,116 | 887   | 1,610        | 1,233            | 518         |
| 3-to-8-person households, none related to each other . . . . . | 875                         | 18                            | 32                        | 76                        | 151      | 8                           | 209                 | 140        | 180     | 296   | 259   | 492          | 256              | 126         |

<sup>1</sup> Native Hawaiian and Other Pacific Islander.<sup>2</sup> Because Hispanics may be any race, data can overlap slightly with other groups. Most Hispanics report themselves as White, but some report themselves as Black or in other categories.<sup>3</sup> Figures may not add to total because more than one category may apply to a unit.

Table C-09-RO.

**Income Characteristics—Renter-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                                          | Total renter-occupied units | Housing unit characteristics  |                           | Household characteristics |               |                             |                     | Regions       |               |               |               | Inside MSA    |                  | Outside MSA   |
|------------------------------------------------------------------------------------------|-----------------------------|-------------------------------|---------------------------|---------------------------|---------------|-----------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
|                                                                                          |                             | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic      | Elderly (65 years and over) | Below poverty level | North-east    | Midwest       | South         | West          | Central city  | Not central city |               |
| <b>Total</b> .....                                                                       | <b>38,816</b>               | <b>673</b>                    | <b>1,512</b>              | <b>8,033</b>              | <b>7,311</b>  | <b>4,808</b>                | <b>11,126</b>       | <b>7,585</b>  | <b>7,650</b>  | <b>13,465</b> | <b>10,115</b> | <b>16,502</b> | <b>16,251</b>    | <b>6,062</b>  |
| <b>Household Income</b>                                                                  |                             |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Less than \$5,000 .....                                                                  | 3,689                       | 53                            | 141                       | 1,218                     | 608           | 503                         | 3,689               | 651           | 772           | 1,409         | 858           | 1,844         | 1,248            | 598           |
| \$5,000 to \$9,999 .....                                                                 | 3,275                       | 49                            | 169                       | 953                       | 584           | 792                         | 3,275               | 696           | 732           | 1,224         | 623           | 1,487         | 1,127            | 660           |
| \$10,000 to \$14,999 .....                                                               | 3,531                       | 48                            | 187                       | 823                       | 710           | 874                         | 2,302               | 654           | 805           | 1,205         | 868           | 1,570         | 1,290            | 671           |
| \$15,000 to \$19,999 .....                                                               | 3,255                       | 46                            | 173                       | 696                       | 708           | 615                         | 928                 | 539           | 675           | 1,209         | 831           | 1,367         | 1,229            | 659           |
| \$20,000 to \$24,999 .....                                                               | 3,033                       | 29                            | 157                       | 584                       | 708           | 443                         | 564                 | 557           | 619           | 1,092         | 765           | 1,242         | 1,259            | 531           |
| \$25,000 to \$29,999 .....                                                               | 3,275                       | 50                            | 147                       | 656                       | 733           | 436                         | 297                 | 610           | 683           | 1,137         | 845           | 1,408         | 1,316            | 551           |
| \$30,000 to \$34,999 .....                                                               | 2,624                       | 43                            | 125                       | 540                       | 476           | 223                         | 50                  | 478           | 578           | 927           | 641           | 1,091         | 1,075            | 459           |
| \$35,000 to \$39,999 .....                                                               | 2,086                       | 35                            | 62                        | 416                       | 420           | 179                         | 16                  | 410           | 424           | 717           | 534           | 816           | 1,000            | 270           |
| \$40,000 to \$49,999 .....                                                               | 3,456                       | 53                            | 123                       | 580                       | 709           | 244                         | 5                   | 613           | 719           | 1,205         | 919           | 1,415         | 1,529            | 512           |
| \$50,000 to \$59,999 .....                                                               | 2,582                       | 60                            | 109                       | 439                       | 492           | 147                         | Z                   | 452           | 511           | 891           | 730           | 949           | 1,252            | 381           |
| \$60,000 to \$79,999 .....                                                               | 3,525                       | 79                            | 73                        | 578                       | 582           | 200                         | Z                   | 764           | 611           | 1,117         | 1,033         | 1,394         | 1,721            | 410           |
| \$80,000 to \$99,999 .....                                                               | 1,908                       | 34                            | 40                        | 295                       | 265           | 64                          | Z                   | 466           | 263           | 627           | 552           | 741           | 967              | 200           |
| \$100,000 to \$119,999 .....                                                             | 997                         | 42                            | 7                         | 97                        | 136           | 36                          | Z                   | 229           | 140           | 266           | 362           | 430           | 487              | 79            |
| \$120,000 or more .....                                                                  | 1,580                       | 50                            | 1                         | 158                       | 181           | 52                          | Z                   | 467           | 118           | 440           | 556           | 749           | 751              | 81            |
| <b>Median (dollars)</b> .....                                                            | <b>28,000</b>               | <b>36,000</b>                 | <b>22,000</b>             | <b>22,304</b>             | <b>25,900</b> | <b>16,582</b>               | <b>8,112</b>        | <b>30,000</b> | <b>25,360</b> | <b>26,000</b> | <b>31,000</b> | <b>26,148</b> | <b>32,000</b>    | <b>23,707</b> |
| <b>As percent of poverty level:<sup>1</sup></b>                                          |                             |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Less than 50 percent .....                                                               | 5,190                       | 72                            | 216                       | 1,672                     | 1,024         | 565                         | 5,190               | 926           | 1,077         | 1,925         | 1,262         | 2,514         | 1,804            | 873           |
| 50 to 99 percent .....                                                                   | 5,935                       | 75                            | 364                       | 1,424                     | 1,492         | 1,055                       | 5,935               | 1,103         | 1,205         | 2,225         | 1,402         | 2,637         | 2,197            | 1,101         |
| 100 to 149 percent .....                                                                 | 5,551                       | 83                            | 269                       | 1,200                     | 1,307         | 965                         | X                   | 998           | 1,170         | 1,991         | 1,392         | 2,297         | 2,187            | 1,067         |
| 150 to 199 percent .....                                                                 | 4,694                       | 58                            | 243                       | 952                       | 951           | 713                         | X                   | 785           | 976           | 1,682         | 1,250         | 1,901         | 1,888            | 905           |
| 200 percent or more .....                                                                | 17,445                      | 385                           | 420                       | 2,784                     | 2,538         | 1,510                       | X                   | 3,773         | 3,221         | 5,642         | 4,810         | 7,153         | 8,176            | 2,116         |
| <b>Income of Families and Primary Individuals</b>                                        |                             |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Less than \$5,000 .....                                                                  | 4,446                       | 61                            | 168                       | 1,315                     | 785           | 512                         | 4,006               | 786           | 949           | 1,649         | 1,062         | 2,222         | 1,500            | 725           |
| \$5,000 to \$9,999 .....                                                                 | 3,628                       | 58                            | 212                       | 1,011                     | 633           | 814                         | 3,315               | 740           | 801           | 1,325         | 761           | 1,663         | 1,217            | 748           |
| \$10,000 to \$14,999 .....                                                               | 3,771                       | 51                            | 175                       | 821                       | 739           | 874                         | 2,121               | 688           | 867           | 1,266         | 951           | 1,685         | 1,399            | 688           |
| \$15,000 to \$19,999 .....                                                               | 3,473                       | 47                            | 187                       | 742                       | 794           | 624                         | 824                 | 579           | 700           | 1,306         | 887           | 1,444         | 1,336            | 693           |
| \$20,000 to \$24,999 .....                                                               | 3,178                       | 37                            | 180                       | 601                       | 745           | 456                         | 515                 | 563           | 665           | 1,162         | 788           | 1,322         | 1,309            | 547           |
| \$25,000 to \$29,999 .....                                                               | 3,441                       | 54                            | 166                       | 682                       | 782           | 431                         | 284                 | 664           | 703           | 1,219         | 856           | 1,444         | 1,420            | 578           |
| \$30,000 to \$34,999 .....                                                               | 2,664                       | 42                            | 99                        | 533                       | 503           | 214                         | 44                  | 506           | 573           | 929           | 656           | 1,114         | 1,129            | 422           |
| \$35,000 to \$39,999 .....                                                               | 2,017                       | 33                            | 57                        | 407                       | 379           | 178                         | 12                  | 426           | 394           | 683           | 514           | 783           | 959              | 276           |
| \$40,000 to \$49,999 .....                                                               | 3,195                       | 54                            | 102                       | 546                       | 620           | 224                         | 4                   | 576           | 636           | 1,113         | 870           | 1,269         | 1,483            | 442           |
| \$50,000 to \$59,999 .....                                                               | 2,378                       | 62                            | 62                        | 432                       | 424           | 146                         | Z                   | 462           | 458           | 808           | 650           | 904           | 1,157            | 317           |
| \$60,000 to \$79,999 .....                                                               | 3,062                       | 69                            | 62                        | 521                       | 459           | 195                         | Z                   | 674           | 509           | 948           | 930           | 1,202         | 1,525            | 334           |
| \$80,000 to \$99,999 .....                                                               | 1,566                       | 29                            | 38                        | 216                       | 201           | 62                          | Z                   | 381           | 204           | 497           | 484           | 580           | 814              | 172           |
| \$100,000 to \$119,999 .....                                                             | 806                         | 33                            | 5                         | 78                        | 109           | 33                          | Z                   | 188           | 103           | 213           | 302           | 338           | 407              | 61            |
| \$120,000 or more .....                                                                  | 1,189                       | 44                            | 1                         | 127                       | 138           | 44                          | Z                   | 353           | 89            | 345           | 403           | 533           | 596              | 61            |
| <b>Median (dollars)</b> .....                                                            | <b>25,000</b>               | <b>32,600</b>                 | <b>20,000</b>             | <b>20,400</b>             | <b>24,000</b> | <b>16,200</b>               | <b>8,000</b>        | <b>27,000</b> | <b>23,050</b> | <b>25,000</b> | <b>27,600</b> | <b>24,050</b> | <b>29,032</b>    | <b>21,000</b> |
| <b>Income Sources of Families and Primary Individuals<sup>2</sup></b>                    |                             |                               |                           |                           |               |                             |                     |               |               |               |               |               |                  |               |
| Wages and salaries .....                                                                 | 27,303                      | 504                           | 988                       | 5,318                     | 5,536         | 938                         | 4,584               | 4,941         | 5,307         | 9,787         | 7,268         | 11,400        | 11,857           | 4,045         |
| Wages and salaries were majority of income .....                                         | 25,196                      | 480                           | 914                       | 4,958                     | 5,179         | 550                         | 4,019               | 4,554         | 4,852         | 9,159         | 6,631         | 10,621        | 10,930           | 3,645         |
| 2 or more people each earned over 20 percent of wages and salaries .....                 | 4,911                       | 73                            | 204                       | 784                       | 1,353         | 98                          | 356                 | 917           | 792           | 1,727         | 1,476         | 1,824         | 2,329            | 758           |
| Self-employment .....                                                                    | 3,186                       | 51                            | 97                        | 492                       | 624           | 160                         | 601                 | 611           | 536           | 970           | 1,070         | 1,355         | 1,393            | 438           |
| Interest .....                                                                           | 2,945                       | 52                            | 48                        | 215                       | 209           | 668                         | 321                 | 658           | 639           | 803           | 845           | 1,187         | 1,347            | 411           |
| Dividends .....                                                                          | 966                         | 24                            | 11                        | 65                        | 26            | 274                         | 71                  | 227           | 201           | 238           | 299           | 418           | 455              | 93            |
| Rental income .....                                                                      | 648                         | 10                            | 17                        | 70                        | 111           | 107                         | 59                  | 112           | 106           | 212           | 218           | 258           | 304              | 86            |
| Social Security or Railroad Retirement .....                                             | 6,149                       | 100                           | 304                       | 1,200                     | 800           | 3,990                       | 1,993               | 1,457         | 1,352         | 1,989         | 1,350         | 2,383         | 2,561            | 1,205         |
| Retirement or survivor pensions .....                                                    | 2,331                       | 54                            | 47                        | 384                       | 196           | 1,531                       | 264                 | 602           | 543           | 628           | 558           | 859           | 1,114            | 358           |
| Supplementary Security Income (SSI) .....                                                | 2,797                       | 21                            | 157                       | 828                       | 521           | 691                         | 1,778               | 678           | 527           | 940           | 652           | 1,281         | 982              | 533           |
| Child support or alimony .....                                                           | 2,227                       | 32                            | 94                        | 560                       | 397           | 43                          | 889                 | 360           | 499           | 918           | 451           | 754           | 988              | 486           |
| Public assistance or public welfare .....                                                | 1,775                       | 8                             | 69                        | 546                       | 509           | 133                         | 1,241               | 453           | 336           | 460           | 526           | 838           | 685              | 252           |
| Food stamp benefits .....                                                                | 6,736                       | 64                            | 391                       | 2,159                     | 1,582         | 762                         | 5,192               | 1,330         | 1,531         | 2,492         | 1,383         | 3,137         | 2,279            | 1,321         |
| Disability payments, workers' compensation, veterans' disability, other disability ..... | 2,085                       | 23                            | 123                       | 484                       | 270           | 221                         | 694                 | 459           | 411           | 704           | 512           | 814           | 840              | 431           |
| Other income (VA payments, unemployment, royalty, estates, and more) .....               | 2,996                       | 33                            | 129                       | 596                       | 511           | 193                         | 821                 | 548           | 589           | 786           | 1,074         | 1,187         | 1,338            | 471           |

See footnotes at end of table.

Table C-09-RO.

**Income Characteristics—Renter-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                                   | Total<br>renter-<br>occu-<br>pied<br>units | Housing unit<br>characteristics             |                                       | Household characteristics |          |                                         |                           | Regions        |         |       |       | Inside MSA      |                        | Outside<br>MSA |
|-----------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------|---------------------------------------|---------------------------|----------|-----------------------------------------|---------------------------|----------------|---------|-------|-------|-----------------|------------------------|----------------|
|                                                                                   |                                            | New<br>con-<br>struction<br>past 4<br>years | Manu-<br>factured/<br>mobile<br>homes | Black<br>alone            | Hispanic | Elderly<br>(65<br>years<br>and<br>over) | Below<br>poverty<br>level | North-<br>east | Midwest | South | West  | Central<br>city | Not<br>central<br>city |                |
| <b>Food Stamps</b>                                                                |                                            |                                             |                                       |                           |          |                                         |                           |                |         |       |       |                 |                        |                |
| Families and primary<br>individuals with incomes of<br>\$25,000 or less . . . . . | 19,477                                     | 274                                         | 985                                   | 4,695                     | 3,975    | 3,328                                   | 10,882                    | 3,538          | 4,190   | 7,067 | 4,681 | 8,762           | 7,139                  | 3,576          |
| Received food stamps . . . . .                                                    | 6,736                                      | 64                                          | 391                                   | 2,159                     | 1,582    | 762                                     | 5,192                     | 1,330          | 1,531   | 2,492 | 1,383 | 3,137           | 2,279                  | 1,321          |
| Did not receive food stamps . . . . .                                             | 11,697                                     | 190                                         | 556                                   | 2,241                     | 2,237    | 2,340                                   | 5,061                     | 2,014          | 2,450   | 4,167 | 3,065 | 5,188           | 4,397                  | 2,112          |
| Not reported . . . . .                                                            | 1,044                                      | 20                                          | 38                                    | 294                       | 157      | 226                                     | 629                       | 194            | 210     | 408   | 233   | 438             | 463                    | 143            |

<sup>1</sup> See "poverty status" in Appendix A, Table A-1, for poverty thresholds. Households in poverty are those below 100 percent of their poverty threshold. Households with income 149 percent of their poverty threshold include those in poverty (below 100 percent of their poverty threshold), plus those who have income 49 percent above their poverty threshold. Likewise, households with a poverty threshold of 50 percent include those households with income 50 percent below their poverty threshold.

<sup>2</sup> Figures may not add to total because more than one category may apply to a unit.

Table C-10-RO.

**Housing Costs—Renter-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                       | Total renter-occupied units | Housing unit characteristics  |                           | Household characteristics |              |                             |                     | Regions      |              |               |               | Inside MSA    |                  | Outside MSA  |
|-----------------------------------------------------------------------|-----------------------------|-------------------------------|---------------------------|---------------------------|--------------|-----------------------------|---------------------|--------------|--------------|---------------|---------------|---------------|------------------|--------------|
|                                                                       |                             | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic     | Elderly (65 years and over) | Below poverty level | North-east   | Midwest      | South         | West          | Central city  | Not central city |              |
| <b>Total</b> .....                                                    | <b>38,816</b>               | <b>673</b>                    | <b>1,512</b>              | <b>8,033</b>              | <b>7,311</b> | <b>4,808</b>                | <b>11,126</b>       | <b>7,585</b> | <b>7,650</b> | <b>13,465</b> | <b>10,115</b> | <b>16,502</b> | <b>16,251</b>    | <b>6,062</b> |
| <b>Monthly Housing Costs</b>                                          |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Less than \$100 .....                                                 | 281                         | Z                             | Z                         | 127                       | 43           | 30                          | 210                 | 46           | 74           | 94            | 67            | 140           | 69               | 72           |
| \$100 to \$199 .....                                                  | 738                         | 6                             | 13                        | 263                       | 111          | 191                         | 564                 | 146          | 183          | 278           | 132           | 371           | 182              | 186          |
| \$200 to \$249 .....                                                  | 761                         | 9                             | 11                        | 192                       | 133          | 305                         | 592                 | 241          | 182          | 199           | 139           | 392           | 215              | 154          |
| \$250 to \$299 .....                                                  | 633                         | 7                             | 16                        | 167                       | 100          | 191                         | 411                 | 155          | 127          | 183           | 168           | 277           | 209              | 147          |
| \$300 to \$349 .....                                                  | 681                         | 7                             | 24                        | 194                       | 127          | 202                         | 325                 | 209          | 152          | 206           | 113           | 293           | 215              | 173          |
| \$350 to \$399 .....                                                  | 685                         | 1                             | 57                        | 144                       | 101          | 160                         | 312                 | 127          | 177          | 241           | 140           | 268           | 204              | 212          |
| \$400 to \$449 .....                                                  | 864                         | 18                            | 70                        | 174                       | 149          | 198                         | 330                 | 151          | 222          | 324           | 167           | 363           | 260              | 241          |
| \$450 to \$499 .....                                                  | 1,139                       | 12                            | 99                        | 267                       | 148          | 171                         | 439                 | 161          | 341          | 442           | 194           | 455           | 372              | 312          |
| \$500 to \$599 .....                                                  | 3,014                       | 30                            | 207                       | 651                       | 549          | 387                         | 1,080               | 427          | 863          | 1,206         | 519           | 1,273         | 985              | 756          |
| \$600 to \$699 .....                                                  | 3,764                       | 30                            | 272                       | 850                       | 660          | 431                         | 1,230               | 495          | 1,065        | 1,470         | 734           | 1,563         | 1,380            | 821          |
| \$700 to \$799 .....                                                  | 4,059                       | 56                            | 205                       | 862                       | 833          | 404                         | 1,129               | 563          | 1,034        | 1,533         | 930           | 1,710         | 1,621            | 728          |
| \$800 to \$999 .....                                                  | 6,629                       | 108                           | 201                       | 1,433                     | 1,378        | 599                         | 1,506               | 1,183        | 1,325        | 2,402         | 1,719         | 2,861         | 3,046            | 722          |
| \$1,000 to \$1,249 .....                                              | 5,443                       | 151                           | 92                        | 1,146                     | 1,127        | 404                         | 990                 | 1,236        | 798          | 1,820         | 1,588         | 2,364         | 2,637            | 442          |
| \$1,250 to \$1,499 .....                                              | 3,344                       | 74                            | 18                        | 619                       | 755          | 233                         | 531                 | 838          | 331          | 967           | 1,208         | 1,355         | 1,825            | 164          |
| \$1,500 to \$1,999 .....                                              | 2,873                       | 81                            | 10                        | 408                       | 631          | 186                         | 368                 | 769          | 223          | 717           | 1,166         | 1,405         | 1,370            | 98           |
| \$2,000 to \$2,499 .....                                              | 925                         | 34                            | 2                         | 87                        | 147          | 104                         | 96                  | 262          | 62           | 186           | 414           | 436           | 468              | 21           |
| \$2,500 or more .....                                                 | 713                         | 22                            | Z                         | 43                        | 58           | 117                         | 67                  | 228          | 27           | 152           | 307           | 364           | 322              | 27           |
| No cash rent .....                                                    | 2,271                       | 28                            | 216                       | 408                       | 263          | 494                         | 946                 | 351          | 463          | 1,047         | 409           | 612           | 871              | 787          |
| <b>Median (excludes no cash rent) (dollars)</b> .....                 | <b>845</b>                  | <b>1,052</b>                  | <b>660</b>                | <b>791</b>                | <b>879</b>   | <b>671</b>                  | <b>664</b>          | <b>941</b>   | <b>718</b>   | <b>800</b>    | <b>981</b>    | <b>850</b>    | <b>923</b>       | <b>646</b>   |
| <b>Monthly Housing Costs as Percent of Current Income<sup>1</sup></b> |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Less than 5 percent .....                                             | 183                         | 2                             | 6                         | 43                        | 17           | 17                          | 18                  | 44           | 44           | 44            | 51            | 65            | 85               | 33           |
| 5 to 9 percent .....                                                  | 880                         | 21                            | 30                        | 177                       | 106          | 97                          | 45                  | 231          | 169          | 279           | 201           | 350           | 373              | 158          |
| 10 to 14 percent .....                                                | 2,106                       | 45                            | 89                        | 325                       | 300          | 163                         | 51                  | 432          | 461          | 741           | 471           | 843           | 864              | 399          |
| 15 to 19 percent .....                                                | 3,012                       | 67                            | 86                        | 521                       | 405          | 212                         | 84                  | 550          | 643          | 1,058         | 762           | 1,239         | 1,303            | 470          |
| 20 to 24 percent .....                                                | 3,701                       | 37                            | 147                       | 649                       | 627          | 325                         | 224                 | 692          | 769          | 1,278         | 962           | 1,411         | 1,677            | 613          |
| 25 to 29 percent .....                                                | 3,984                       | 82                            | 143                       | 822                       | 690          | 498                         | 498                 | 771          | 881          | 1,367         | 965           | 1,677         | 1,674            | 633          |
| 30 to 34 percent .....                                                | 3,257                       | 60                            | 120                       | 681                       | 675          | 463                         | 447                 | 696          | 649          | 1,032         | 880           | 1,342         | 1,425            | 490          |
| 35 to 39 percent .....                                                | 2,701                       | 36                            | 77                        | 564                       | 523          | 308                         | 342                 | 557          | 521          | 969           | 653           | 1,159         | 1,174            | 368          |
| 40 to 49 percent .....                                                | 3,735                       | 61                            | 137                       | 763                       | 828          | 497                         | 701                 | 746          | 676          | 1,285         | 1,027         | 1,713         | 1,591            | 430          |
| 50 to 59 percent .....                                                | 2,605                       | 43                            | 88                        | 589                       | 613          | 301                         | 705                 | 477          | 430          | 884           | 814           | 1,168         | 1,116            | 321          |
| 60 to 69 percent .....                                                | 1,681                       | 24                            | 39                        | 403                       | 421          | 215                         | 693                 | 346          | 284          | 568           | 483           | 756           | 702              | 223          |
| 70 to 99 percent .....                                                | 2,648                       | 66                            | 116                       | 606                       | 687          | 403                         | 1,451               | 496          | 496          | 866           | 790           | 1,176         | 1,128            | 343          |
| 100 percent or more <sup>2</sup> .....                                | 4,610                       | 68                            | 167                       | 1,080                     | 868          | 751                         | 3,660               | 939          | 899          | 1,530         | 1,241         | 2,249         | 1,727            | 633          |
| Zero or negative income .....                                         | 1,443                       | 35                            | 54                        | 401                       | 287          | 64                          | 1,259               | 256          | 265          | 517           | 406           | 741           | 540              | 162          |
| No cash rent .....                                                    | 2,271                       | 28                            | 216                       | 408                       | 263          | 494                         | 946                 | 351          | 463          | 1,047         | 409           | 612           | 871              | 787          |
| <b>Median (excludes 2 previous lines) (percent)</b> .....             | <b>35</b>                   | <b>34</b>                     | <b>35</b>                 | <b>38</b>                 | <b>40</b>    | <b>40</b>                   | <b>82</b>           | <b>35</b>    | <b>33</b>    | <b>35</b>     | <b>37</b>     | <b>37</b>     | <b>35</b>        | <b>32</b>    |
| <b>Median (excludes 3 lines before medians) (percent)</b> .....       | <b>31</b>                   | <b>32</b>                     | <b>31</b>                 | <b>33</b>                 | <b>36</b>    | <b>34</b>                   | <b>52</b>           | <b>31</b>    | <b>30</b>    | <b>32</b>     | <b>33</b>     | <b>32</b>     | <b>31</b>        | <b>29</b>    |
| <b>Rent Paid by Lodgers</b>                                           |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Lodgers in housing units .....                                        | 772                         | 5                             | 35                        | 96                        | 229          | 24                          | 128                 | 147          | 124          | 234           | 267           | 429           | 251              | 92           |
| Less than \$200 per month .....                                       | 140                         | 1                             | 14                        | 18                        | 33           | 6                           | 24                  | 15           | 27           | 54            | 44            | 70            | 46               | 24           |
| \$200 to \$299 .....                                                  | 104                         | Z                             | 10                        | 13                        | 41           | Z                           | 15                  | 6            | 22           | 53            | 23            | 46            | 32               | 25           |
| \$300 to \$399 .....                                                  | 105                         | 2                             | 5                         | 17                        | 29           | 2                           | 25                  | 16           | 22           | 37            | 31            | 58            | 26               | 21           |
| \$400 to \$499 .....                                                  | 115                         | Z                             | 2                         | 13                        | 37           | 5                           | 17                  | 17           | 17           | 39            | 42            | 61            | 47               | 7            |
| \$500 to \$599 .....                                                  | 70                          | Z                             | 4                         | 7                         | 19           | 1                           | 11                  | 4            | 12           | 17            | 36            | 44            | 23               | 3            |
| \$600 to \$799 .....                                                  | 80                          | Z                             | Z                         | 13                        | 25           | 3                           | 17                  | 30           | 8            | 10            | 32            | 48            | 28               | 4            |
| \$800 or more per month .....                                         | 102                         | 2                             | Z                         | 9                         | 25           | 3                           | 13                  | 36           | 9            | 10            | 47            | 71            | 27               | 5            |
| Not reported .....                                                    | 55                          | Z                             | Z                         | 6                         | 21           | 4                           | 6                   | 23           | 6            | 15            | 11            | 31            | 22               | 3            |
| <b>Median (dollars per month)</b> .....                               | <b>400</b>                  | <b>300</b>                    | <b>225</b>                | <b>350</b>                | <b>400</b>   | <b>490</b>                  | <b>350</b>          | <b>630</b>   | <b>300</b>   | <b>300</b>    | <b>425</b>    | <b>400</b>    | <b>400</b>       | <b>270</b>   |
| <b>Monthly Cost Paid for Electricity</b>                              |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Units using electricity .....                                         | 38,805                      | 670                           | 1,512                     | 8,031                     | 7,311        | 4,808                       | 11,122              | 7,576        | 7,650        | 13,465        | 10,114        | 16,500        | 16,243           | 6,062        |
| Less than \$25 .....                                                  | 1,397                       | 22                            | 3                         | 222                       | 323          | 247                         | 433                 | 77           | 369          | 47            | 904           | 769           | 531              | 97           |
| \$25 to \$49 .....                                                    | 4,666                       | 62                            | 75                        | 702                       | 994          | 651                         | 1,364               | 875          | 1,232        | 530           | 2,030         | 2,170         | 1,967            | 529          |
| \$50 to \$74 .....                                                    | 6,595                       | 121                           | 115                       | 1,168                     | 1,191        | 910                         | 1,828               | 1,610        | 1,494        | 1,432         | 2,059         | 2,944         | 2,675            | 975          |
| \$75 to \$99 .....                                                    | 6,410                       | 126                           | 205                       | 1,289                     | 1,187        | 719                         | 1,625               | 1,393        | 1,283        | 2,109         | 1,625         | 2,637         | 2,792            | 981          |
| \$100 to \$149 .....                                                  | 7,906                       | 143                           | 497                       | 1,761                     | 1,428        | 683                         | 2,059               | 1,495        | 1,228        | 3,882         | 1,301         | 3,034         | 3,484            | 1,388        |
| \$150 to \$199 .....                                                  | 3,431                       | 73                            | 241                       | 861                       | 681          | 213                         | 933                 | 460          | 419          | 2,097         | 456           | 1,121         | 1,576            | 734          |
| \$200 or more .....                                                   | 2,763                       | 41                            | 213                       | 845                       | 480          | 169                         | 815                 | 350          | 217          | 1,801         | 394           | 892           | 1,431            | 440          |
| <b>Median (dollars)</b> .....                                         | <b>90</b>                   | <b>92</b>                     | <b>128</b>                | <b>101</b>                | <b>88</b>    | <b>74</b>                   | <b>89</b>           | <b>85</b>    | <b>75</b>    | <b>122</b>    | <b>66</b>     | <b>83</b>     | <b>93</b>        | <b>99</b>    |
| Included in rent, other fee, or obtained free .....                   | 5,638                       | 83                            | 163                       | 1,183                     | 1,028        | 1,215                       | 2,065               | 1,316        | 1,409        | 1,567         | 1,345         | 2,932         | 1,788            | 918          |

See footnotes at end of table.

Table C-10-RO.

**Housing Costs—Renter-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                         | Total renter-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |       |       | Inside MSA   |                  | Outside MSA |
|---------------------------------------------------------|-----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|-------|-------|--------------|------------------|-------------|
|                                                         |                             | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South | West  | Central city | Not central city |             |
| Monthly Cost Paid for Piped Gas                         |                             |                               |                           |                           |          |                             |                     |            |         |       |       |              |                  |             |
| Units using piped gas . . . . .                         | 23,458                      | 248                           | 397                       | 4,891                     | 5,002    | 2,686                       | 6,627               | 5,628      | 5,543   | 4,840 | 7,447 | 11,473       | 9,200            | 2,785       |
| Less than \$25 . . . . .                                | 2,765                       | 55                            | 29                        | 386                       | 827      | 393                         | 816                 | 462        | 146     | 285   | 1,871 | 1,569        | 1,086            | 109         |
| \$25 to \$49 . . . . .                                  | 4,634                       | 69                            | 97                        | 760                       | 1,176    | 430                         | 1,297               | 561        | 777     | 1,114 | 2,182 | 2,044        | 1,935            | 655         |
| \$50 to \$74 . . . . .                                  | 4,250                       | 37                            | 116                       | 885                       | 791      | 331                         | 1,034               | 909        | 1,115   | 1,135 | 1,090 | 1,830        | 1,745            | 675         |
| \$75 to \$99 . . . . .                                  | 2,161                       | 10                            | 35                        | 524                       | 367      | 208                         | 538                 | 543        | 687     | 500   | 431   | 977          | 881              | 304         |
| \$100 to \$149 . . . . .                                | 1,830                       | 9                             | 21                        | 404                       | 286      | 183                         | 487                 | 553        | 590     | 378   | 310   | 807          | 781              | 242         |
| \$150 to \$199 . . . . .                                | 666                         | 3                             | 17                        | 188                       | 148      | 52                          | 180                 | 216        | 210     | 130   | 110   | 321          | 281              | 64          |
| \$200 or more . . . . .                                 | 699                         | 3                             | 10                        | 249                       | 133      | 84                          | 219                 | 260        | 189     | 171   | 79    | 335          | 253              | 111         |
| Median (dollars) . . . . .                              | 54                          | 37                            | 53                        | 63                        | 47       | 50                          | 52                  | 68         | 69      | 58    | 37    | 52           | 54               | 59          |
| Included in rent, other fee, or obtained free . . . . . | 6,454                       | 62                            | 71                        | 1,495                     | 1,274    | 1,006                       | 2,056               | 2,124      | 1,828   | 1,128 | 1,374 | 3,589        | 2,239            | 625         |
| Monthly Cost Paid for Fuel Oil <sup>1</sup>             |                             |                               |                           |                           |          |                             |                     |            |         |       |       |              |                  |             |
| Units using fuel oil . . . . .                          | 3,018                       | 16                            | 52                        | 523                       | 671      | 485                         | 771                 | 2,616      | 150     | 185   | 67    | 1,800        | 862              | 356         |
| Less than \$25 . . . . .                                | 76                          | Z                             | 11                        | 12                        | 7        | 7                           | 34                  | 53         | 3       | 17    | 4     | 27           | 28               | 21          |
| \$25 to \$49 . . . . .                                  | 96                          | Z                             | Z                         | 14                        | 1        | 7                           | 21                  | 35         | 23      | 23    | 15    | 27           | 36               | 33          |
| \$50 to \$74 . . . . .                                  | 100                         | Z                             | 21                        | 7                         | 5        | 8                           | 32                  | 66         | 9       | 19    | 6     | 10           | 63               | 27          |
| \$75 to \$99 . . . . .                                  | 130                         | Z                             | 4                         | 13                        | 9        | 15                          | 25                  | 91         | 21      | 17    | 1     | 28           | 72               | 30          |
| \$100 to \$149 . . . . .                                | 155                         | 2                             | 6                         | 3                         | 20       | 23                          | 25                  | 105        | 17      | 32    | Z     | 23           | 88               | 43          |
| \$150 to \$199 . . . . .                                | 97                          | Z                             | Z                         | 4                         | 17       | 14                          | 9                   | 84         | 6       | 7     | Z     | 12           | 56               | 29          |
| \$200 or more . . . . .                                 | 153                         | Z                             | 2                         | 12                        | 28       | 18                          | 25                  | 134        | 3       | 14    | 3     | 22           | 74               | 57          |
| Median (dollars) . . . . .                              | 100                         | 125                           | 58                        | 58                        | 158      | 117                         | 71                  | 100        | 93      | 83    | 33    | 83           | 100              | 106         |
| Included in rent, other fee, or obtained free . . . . . | 2,210                       | 13                            | 9                         | 458                       | 583      | 392                         | 600                 | 2,048      | 68      | 55    | 39    | 1,651        | 444              | 115         |
| Property Insurance                                      |                             |                               |                           |                           |          |                             |                     |            |         |       |       |              |                  |             |
| Property insurance paid . . . . .                       | 11,449                      | 325                           | 313                       | 1,879                     | 1,230    | 1,549                       | 1,769               | 1,765      | 2,714   | 3,931 | 3,040 | 4,188        | 5,646            | 1,616       |
| Median per month (dollars) . . . . .                    | 16                          | 17                            | 17                        | 17                        | 16       | 16                          | 15                  | 16         | 15      | 17    | 16    | 16           | 16               | 16          |
| Monthly Costs Paid for Selected Utilities and Fuels     |                             |                               |                           |                           |          |                             |                     |            |         |       |       |              |                  |             |
| Water paid separately . . . . .                         | 10,362                      | 245                           | 559                       | 2,063                     | 1,679    | 869                         | 2,553               | 799        | 2,014   | 5,132 | 2,417 | 3,356        | 4,915            | 2,092       |
| Median (dollars) . . . . .                              | 30                          | 21                            | 29                        | 30                        | 35       | 30                          | 30                  | 33         | 30      | 30    | 38    | 30           | 30               | 30          |
| Trash paid separately . . . . .                         | 8,520                       | 179                           | 399                       | 1,390                     | 1,472    | 708                         | 2,058               | 491        | 1,649   | 3,796 | 2,584 | 2,794        | 3,685            | 2,041       |
| Median (dollars) . . . . .                              | 20                          | 13                            | 18                        | 20                        | 24       | 24                          | 19                  | 17         | 17      | 20    | 23    | 20           | 20               | 19          |
| Bottled gas paid separately . . . . .                   | 727                         | 3                             | 185                       | 56                        | 94       | 101                         | 208                 | 139        | 139     | 347   | 102   | 48           | 342              | 337         |
| Median (dollars) . . . . .                              | 53                          | 115                           | 49                        | 61                        | 45       | 36                          | 51                  | 76         | 56      | 50    | 50    | 52           | 53               | 50          |
| Other fuel paid separately . . . . .                    | 577                         | 2                             | 80                        | 75                        | 67       | 31                          | 150                 | 117        | 89      | 179   | 193   | 115          | 262              | 200         |
| Median (dollars) . . . . .                              | 17                          | 23                            | 25                        | 25                        | 8        | 42                          | 17                  | 33         | 15      | 9     | 17    | 8            | 17               | 25          |

<sup>1</sup> This item uses current income in its calculation; see Appendix A.<sup>2</sup> May reflect a temporary situation, living off savings, or response error.<sup>3</sup> Monthly costs are calculated from yearly estimates.

Table C-11-RO.

**General Characteristics by Census Geography—Renter-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                     | Total<br>renter-<br>occupied<br>units | Regions and divisions |                    |                       |                       |                   |                       |                       |              |              |
|-----------------------------------------------------|---------------------------------------|-----------------------|--------------------|-----------------------|-----------------------|-------------------|-----------------------|-----------------------|--------------|--------------|
|                                                     |                                       | Northeast             |                    | Midwest               |                       | South             |                       |                       | West         |              |
|                                                     |                                       | New<br>England        | Middle<br>Atlantic | East North<br>Central | West North<br>Central | South<br>Atlantic | East South<br>Central | West South<br>Central | Mountain     | Pacific      |
| <b>Total</b>                                        | <b>38,816</b>                         | <b>1,785</b>          | <b>5,800</b>       | <b>5,255</b>          | <b>2,396</b>          | <b>6,937</b>      | <b>2,085</b>          | <b>4,443</b>          | <b>2,760</b> | <b>7,356</b> |
| <b>Year Structure Built<sup>1,2</sup></b>           |                                       |                       |                    |                       |                       |                   |                       |                       |              |              |
| 2010 to 2014                                        | 147                                   | 4                     | 12                 | 16                    | 11                    | 23                | 29                    | 16                    | 11           | 25           |
| 2005 to 2009                                        | 1,917                                 | 46                    | 174                | 163                   | 88                    | 460               | 139                   | 304                   | 180          | 363          |
| 2000 to 2004                                        | 1,887                                 | 34                    | 114                | 231                   | 113                   | 434               | 145                   | 255                   | 175          | 386          |
| 1995 to 1999                                        | 1,861                                 | 27                    | 85                 | 216                   | 123                   | 414               | 127                   | 311                   | 170          | 387          |
| 1990 to 1994                                        | 1,498                                 | 26                    | 70                 | 197                   | 108                   | 316               | 85                    | 218                   | 122          | 356          |
| 1985 to 1989                                        | 2,714                                 | 78                    | 219                | 305                   | 120                   | 536               | 201                   | 337                   | 280          | 638          |
| 1980 to 1984                                        | 2,470                                 | 43                    | 146                | 247                   | 91                    | 629               | 237                   | 437                   | 209          | 429          |
| 1975 to 1979                                        | 4,507                                 | 145                   | 462                | 592                   | 387                   | 783               | 262                   | 623                   | 413          | 839          |
| 1970 to 1974                                        | 3,927                                 | 168                   | 426                | 507                   | 257                   | 828               | 193                   | 460                   | 300          | 788          |
| 1960 to 1969                                        | 4,917                                 | 198                   | 698                | 644                   | 272                   | 964               | 191                   | 526                   | 365          | 1,059        |
| 1950 to 1959                                        | 3,357                                 | 111                   | 523                | 510                   | 224                   | 563               | 150                   | 321                   | 172          | 782          |
| 1940 to 1949                                        | 2,451                                 | 113                   | 516                | 278                   | 118                   | 379               | 104                   | 315                   | 113          | 515          |
| 1930 to 1939                                        | 2,008                                 | 129                   | 575                | 343                   | 116                   | 212               | 111                   | 162                   | 55           | 306          |
| 1920 to 1929                                        | 2,014                                 | 162                   | 646                | 405                   | 115                   | 165               | 48                    | 95                    | 89           | 289          |
| 1919 or earlier                                     | 3,141                                 | 502                   | 1,135              | 603                   | 250                   | 228               | 64                    | 63                    | 103          | 192          |
| <b>Median (year)</b>                                | <b>1972</b>                           | <b>1949</b>           | <b>1951</b>        | <b>1968</b>           | <b>1972</b>           | <b>1976</b>       | <b>1978</b>           | <b>1977</b>           | <b>1977</b>  | <b>1973</b>  |
| <b>Rooms</b>                                        |                                       |                       |                    |                       |                       |                   |                       |                       |              |              |
| 1                                                   | 374                                   | 26                    | 97                 | 47                    | 13                    | 29                | 21                    | 13                    | 8            | 121          |
| 2                                                   | 854                                   | 72                    | 222                | 82                    | 37                    | 98                | 20                    | 37                    | 53           | 234          |
| 3                                                   | 8,074                                 | 480                   | 1,558              | 1,075                 | 549                   | 1,116             | 366                   | 784                   | 555          | 1,590        |
| 4                                                   | 12,461                                | 512                   | 1,813              | 1,695                 | 760                   | 2,299             | 661                   | 1,464                 | 944          | 2,313        |
| 5                                                   | 8,820                                 | 377                   | 1,081              | 1,209                 | 537                   | 1,699             | 580                   | 1,184                 | 576          | 1,576        |
| 6                                                   | 5,056                                 | 192                   | 659                | 703                   | 270                   | 1,038             | 286                   | 633                   | 357          | 917          |
| 7                                                   | 1,908                                 | 81                    | 238                | 306                   | 129                   | 363               | 97                    | 202                   | 152          | 341          |
| 8                                                   | 743                                   | 25                    | 77                 | 90                    | 69                    | 179               | 37                    | 56                    | 68           | 143          |
| 9                                                   | 299                                   | 12                    | 33                 | 25                    | 15                    | 64                | 7                     | 49                    | 29           | 64           |
| 10 or more                                          | 228                                   | 8                     | 24                 | 23                    | 16                    | 52                | 10                    | 21                    | 17           | 57           |
| <b>Bedrooms</b>                                     |                                       |                       |                    |                       |                       |                   |                       |                       |              |              |
| None                                                | 840                                   | 48                    | 237                | 96                    | 33                    | 68                | 24                    | 25                    | 41           | 268          |
| 1                                                   | 10,336                                | 586                   | 2,002              | 1,350                 | 695                   | 1,429             | 449                   | 1,131                 | 641          | 2,053        |
| 2                                                   | 15,459                                | 696                   | 2,134              | 2,230                 | 991                   | 2,861             | 851                   | 1,712                 | 1,136        | 2,847        |
| 3                                                   | 9,259                                 | 355                   | 1,078              | 1,175                 | 497                   | 1,973             | 629                   | 1,280                 | 694          | 1,577        |
| 4 or more                                           | 2,921                                 | 100                   | 348                | 403                   | 179                   | 606               | 133                   | 295                   | 246          | 611          |
| <b>Complete Bathrooms</b>                           |                                       |                       |                    |                       |                       |                   |                       |                       |              |              |
| None                                                | 304                                   | 23                    | 70                 | 41                    | 22                    | 46                | 13                    | 30                    | 14           | 44           |
| 1                                                   | 24,150                                | 1,435                 | 4,617              | 3,694                 | 1,573                 | 3,466             | 1,197                 | 2,401                 | 1,484        | 4,282        |
| 1½                                                  | 3,834                                 | 154                   | 544                | 725                   | 298                   | 701               | 209                   | 367                   | 229          | 608          |
| 2 or more                                           | 10,528                                | 174                   | 569                | 795                   | 502                   | 2,724             | 666                   | 1,645                 | 1,031        | 2,421        |
| <b>Square Footage of Unit</b>                       |                                       |                       |                    |                       |                       |                   |                       |                       |              |              |
| Single detached and<br>manufactured/mobile<br>homes | 12,611                                | 262                   | 901                | 1,665                 | 834                   | 2,743             | 890                   | 1,899                 | 1,041        | 2,376        |
| Less than 500                                       | 262                                   | 4                     | 33                 | 11                    | 13                    | 50                | 14                    | 60                    | 27           | 50           |
| 500 to 749                                          | 739                                   | 26                    | 57                 | 92                    | 62                    | 174               | 58                    | 115                   | 42           | 112          |
| 750 to 999                                          | 1,577                                 | 32                    | 103                | 237                   | 113                   | 364               | 97                    | 259                   | 131          | 243          |
| 1,000 to 1,499                                      | 3,709                                 | 43                    | 209                | 490                   | 227                   | 833               | 311                   | 581                   | 301          | 714          |
| 1,500 to 1,999                                      | 2,484                                 | 49                    | 153                | 271                   | 162                   | 542               | 197                   | 365                   | 234          | 510          |
| 2,000 to 2,499                                      | 1,227                                 | 29                    | 94                 | 197                   | 82                    | 254               | 61                    | 154                   | 131          | 226          |
| 2,500 to 2,999                                      | 475                                   | 19                    | 54                 | 50                    | 23                    | 121               | 29                    | 54                    | 39           | 86           |
| 3,000 to 3,999                                      | 330                                   | 7                     | 30                 | 49                    | 39                    | 51                | 15                    | 51                    | 28           | 61           |
| 4,000 or more                                       | 245                                   | 11                    | 28                 | 44                    | 14                    | 44                | 11                    | 24                    | 22           | 47           |
| Not reported                                        | 1,563                                 | 42                    | 142                | 224                   | 98                    | 309               | 97                    | 236                   | 86           | 327          |
| <b>Median (square feet)</b>                         | <b>1,301</b>                          | <b>1,500</b>          | <b>1,400</b>       | <b>1,300</b>          | <b>1,300</b>          | <b>1,300</b>      | <b>1,280</b>          | <b>1,230</b>          | <b>1,400</b> | <b>1,400</b> |
| <b>Air Conditioning<sup>3</sup></b>                 |                                       |                       |                    |                       |                       |                   |                       |                       |              |              |
| Central                                             | 20,615                                | 222                   | 1,246              | 2,510                 | 1,554                 | 5,548             | 1,648                 | 3,684                 | 1,616        | 2,588        |
| Additional central                                  | 1,188                                 | 12                    | 72                 | 72                    | 50                    | 358               | 132                   | 275                   | 111          | 107          |
| Room (air conditioning) units:                      |                                       |                       |                    |                       |                       |                   |                       |                       |              |              |
| 1 unit                                              | 6,822                                 | 730                   | 1,694              | 1,451                 | 526                   | 442               | 163                   | 246                   | 406          | 1,165        |
| 2 units                                             | 3,664                                 | 299                   | 1,435              | 552                   | 149                   | 470               | 140                   | 248                   | 92           | 279          |
| 3 units or more                                     | 1,724                                 | 187                   | 642                | 182                   | 44                    | 257               | 89                    | 191                   | 16           | 116          |

See footnotes at end of table.

Table C-11-RO.

**General Characteristics by Census Geography—Renter-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                         | Total<br>renter-<br>occupied<br>units | Regions and divisions |                    |                       |                       |                   |                       |                       |            |              |
|-------------------------------------------------------------------------|---------------------------------------|-----------------------|--------------------|-----------------------|-----------------------|-------------------|-----------------------|-----------------------|------------|--------------|
|                                                                         |                                       | Northeast             |                    | Midwest               |                       | South             |                       |                       | West       |              |
|                                                                         |                                       | New<br>England        | Middle<br>Atlantic | East North<br>Central | West North<br>Central | South<br>Atlantic | East South<br>Central | West South<br>Central | Mountain   | Pacific      |
| <b>Main Heating Equipment</b>                                           |                                       |                       |                    |                       |                       |                   |                       |                       |            |              |
| Warm-air furnace . . . . .                                              | 22,015                                | 587                   | 2,087              | 3,747                 | 1,775                 | 3,640             | 1,244                 | 3,366                 | 1,869      | 3,699        |
| Steam or hot water system . . . . .                                     | 5,259                                 | 794                   | 2,954              | 656                   | 281                   | 220               | 8                     | 13                    | 148        | 185          |
| Electric heat pump . . . . .                                            | 3,741                                 | 14                    | 102                | 129                   | 65                    | 2,119             | 485                   | 331                   | 287        | 208          |
| Built-in electric units . . . . .                                       | 2,867                                 | 263                   | 466                | 527                   | 163                   | 229               | 57                    | 39                    | 184        | 940          |
| Floor, wall, or other built-in hot-air units<br>without ducts . . . . . | 2,697                                 | 53                    | 133                | 125                   | 53                    | 192               | 106                   | 196                   | 148        | 1,692        |
| Room heaters with flue . . . . .                                        | 377                                   | 43                    | 18                 | 25                    | 10                    | 75                | 34                    | 48                    | 43         | 81           |
| Room heaters without flue . . . . .                                     | 465                                   | 9                     | 6                  | 11                    | 27                    | 130               | 76                    | 177                   | 12         | 18           |
| Portable electric heaters . . . . .                                     | 711                                   | 5                     | 14                 | 9                     | 13                    | 216               | 38                    | 191                   | 21         | 204          |
| Stoves . . . . .                                                        | 188                                   | 4                     | 6                  | 17                    | 9                     | 27                | 21                    | 13                    | 34         | 58           |
| Fireplaces with inserts . . . . .                                       | 10                                    | Z                     | Z                  | 2                     | Z                     | Z                 | Z                     | Z                     | Z          | 7            |
| Fireplaces without inserts . . . . .                                    | 17                                    | Z                     | Z                  | 2                     | Z                     | 6                 | 2                     | 1                     | Z          | 5            |
| Cooking stove . . . . .                                                 | 53                                    | 12                    | 7                  | Z                     | Z                     | Z                 | 2                     | 23                    | 3          | 5            |
| Other . . . . .                                                         | 162                                   | 1                     | 8                  | 4                     | 1                     | 53                | 11                    | 26                    | 9          | 49           |
| None . . . . .                                                          | 253                                   | Z                     | Z                  | Z                     | Z                     | 29                | Z                     | 17                    | 1          | 206          |
| <b>Primary Source of Water</b>                                          |                                       |                       |                    |                       |                       |                   |                       |                       |            |              |
| Public or private system . . . . .                                      | 37,070                                | 1,700                 | 5,553              | 4,931                 | 2,300                 | 6,404             | 2,022                 | 4,310                 | 2,629      | 7,222        |
| Well serving 1 to 5 units . . . . .                                     | 1,615                                 | 84                    | 222                | 319                   | 95                    | 495               | 50                    | 110                   | 124        | 116          |
| Drilled . . . . .                                                       | 1,331                                 | 66                    | 183                | 273                   | 76                    | 409               | 35                    | 97                    | 106        | 86           |
| Dug . . . . .                                                           | 120                                   | Z                     | 20                 | 23                    | 6                     | 38                | 12                    | 3                     | 7          | 11           |
| Not reported . . . . .                                                  | 165                                   | 18                    | 20                 | 23                    | 13                    | 49                | 3                     | 10                    | 11         | 19           |
| Other . . . . .                                                         | 131                                   | 2                     | 26                 | 5                     | Z                     | 37                | 14                    | 23                    | 7          | 18           |
| <b>Means of Sewage Disposal</b>                                         |                                       |                       |                    |                       |                       |                   |                       |                       |            |              |
| Public sewer . . . . .                                                  | 35,986                                | 1,663                 | 5,475              | 4,899                 | 2,234                 | 6,159             | 1,825                 | 4,113                 | 2,572      | 7,048        |
| Septic tank, cesspool, or chemical<br>toilet . . . . .                  | 2,811                                 | 122                   | 316                | 354                   | 161                   | 776               | 258                   | 330                   | 188        | 305          |
| Other . . . . .                                                         | 18                                    | Z                     | 10                 | 2                     | Z                     | 2                 | 2                     | Z                     | Z          | 2            |
| <b>Units Using Each Fuel<sup>4</sup></b>                                |                                       |                       |                    |                       |                       |                   |                       |                       |            |              |
| Electricity . . . . .                                                   | 38,805                                | 1,784                 | 5,792              | 5,255                 | 2,396                 | 6,937             | 2,085                 | 4,443                 | 2,759      | 7,354        |
| Piped gas . . . . .                                                     | 23,458                                | 1,007                 | 4,621              | 3,920                 | 1,624                 | 2,191             | 732                   | 1,917                 | 1,883      | 5,563        |
| Bottled gas . . . . .                                                   | 1,369                                 | 122                   | 227                | 166                   | 110                   | 280               | 103                   | 143                   | 105        | 113          |
| Fuel oil . . . . .                                                      | 3,018                                 | 619                   | 1,997              | 93                    | 58                    | 177               | 6                     | 1                     | 20         | 47           |
| Kerosene or other liquid fuel . . . . .                                 | 181                                   | 16                    | 16                 | 2                     | 6                     | 92                | 15                    | 27                    | Z          | 8            |
| Coal or coke . . . . .                                                  | 14                                    | Z                     | 8                  | 2                     | Z                     | Z                 | 3                     | Z                     | Z          | Z            |
| Wood . . . . .                                                          | 278                                   | 9                     | 36                 | 29                    | 14                    | 42                | 24                    | 14                    | 40         | 70           |
| Solar energy . . . . .                                                  | 22                                    | Z                     | Z                  | Z                     | Z                     | Z                 | Z                     | Z                     | 3          | 18           |
| Other . . . . .                                                         | 167                                   | 10                    | 20                 | 29                    | 22                    | 17                | Z                     | 9                     | 11         | 49           |
| All electric units . . . . .                                            | 13,405                                | 295                   | 624                | 1,186                 | 679                   | 4,366             | 1,255                 | 2,416                 | 818        | 1,768        |
| <b>Selected Amenities<sup>4</sup></b>                                   |                                       |                       |                    |                       |                       |                   |                       |                       |            |              |
| Porch, deck, balcony, or patio . . . . .                                | 27,665                                | 1,034                 | 2,595              | 3,691                 | 1,747                 | 5,363             | 1,793                 | 3,760                 | 2,151      | 5,531        |
| Telephone available . . . . .                                           | 37,344                                | 1,730                 | 5,619              | 5,087                 | 2,347                 | 6,718             | 1,992                 | 4,264                 | 2,615      | 6,973        |
| Usable fireplace . . . . .                                              | 5,672                                 | 132                   | 301                | 459                   | 297                   | 937               | 337                   | 874                   | 569        | 1,764        |
| Separate dining room . . . . .                                          | 11,623                                | 458                   | 1,669              | 1,620                 | 718                   | 2,208             | 605                   | 1,520                 | 650        | 2,175        |
| With 2 or more living rooms or recre-<br>ation rooms, etc. . . . .      | 3,334                                 | 164                   | 345                | 444                   | 256                   | 686               | 149                   | 322                   | 324        | 645          |
| <b>Monthly Housing Costs</b>                                            |                                       |                       |                    |                       |                       |                   |                       |                       |            |              |
| Less than \$100 . . . . .                                               | 281                                   | 11                    | 35                 | 56                    | 18                    | 34                | 32                    | 28                    | 33         | 33           |
| \$100 to \$199 . . . . .                                                | 738                                   | 42                    | 104                | 141                   | 42                    | 141               | 72                    | 64                    | 59         | 73           |
| \$200 to \$249 . . . . .                                                | 761                                   | 62                    | 179                | 124                   | 58                    | 88                | 48                    | 63                    | 41         | 98           |
| \$250 to \$299 . . . . .                                                | 633                                   | 38                    | 117                | 80                    | 47                    | 86                | 51                    | 46                    | 32         | 135          |
| \$300 to \$349 . . . . .                                                | 681                                   | 69                    | 140                | 83                    | 70                    | 106               | 37                    | 63                    | 45         | 69           |
| \$350 to \$399 . . . . .                                                | 685                                   | 36                    | 91                 | 120                   | 57                    | 105               | 55                    | 82                    | 45         | 96           |
| \$400 to \$449 . . . . .                                                | 864                                   | 23                    | 128                | 170                   | 52                    | 149               | 63                    | 112                   | 61         | 106          |
| \$450 to \$499 . . . . .                                                | 1,139                                 | 38                    | 123                | 218                   | 124                   | 187               | 131                   | 124                   | 87         | 108          |
| \$500 to \$599 . . . . .                                                | 3,014                                 | 119                   | 308                | 601                   | 262                   | 480               | 269                   | 456                   | 228        | 290          |
| \$600 to \$699 . . . . .                                                | 3,764                                 | 123                   | 372                | 693                   | 371                   | 635               | 252                   | 583                   | 346        | 388          |
| \$700 to \$799 . . . . .                                                | 4,059                                 | 158                   | 405                | 734                   | 300                   | 690               | 264                   | 579                   | 391        | 539          |
| \$800 to \$999 . . . . .                                                | 6,629                                 | 316                   | 867                | 935                   | 390                   | 1,271             | 335                   | 795                   | 496        | 1,224        |
| \$1,000 to \$1,249 . . . . .                                            | 5,443                                 | 306                   | 930                | 537                   | 261                   | 1,117             | 148                   | 555                   | 394        | 1,195        |
| \$1,250 to \$1,499 . . . . .                                            | 3,344                                 | 165                   | 672                | 234                   | 97                    | 645               | 57                    | 265                   | 186        | 1,022        |
| \$1,500 to \$1,999 . . . . .                                            | 2,873                                 | 128                   | 640                | 172                   | 51                    | 489               | 42                    | 186                   | 124        | 1,042        |
| \$2,000 to \$2,499 . . . . .                                            | 925                                   | 61                    | 201                | 50                    | 12                    | 116               | 19                    | 52                    | 18         | 396          |
| \$2,500 or more . . . . .                                               | 713                                   | 28                    | 200                | 18                    | 9                     | 121               | 6                     | 24                    | 26         | 281          |
| No cash rent . . . . .                                                  | 2,271                                 | 63                    | 288                | 289                   | 174                   | 477               | 204                   | 366                   | 148        | 261          |
| <b>Median (excludes no cash rent)</b><br><b>(dollars) . . . . .</b>     | <b>845</b>                            | <b>868</b>            | <b>975</b>         | <b>725</b>            | <b>703</b>            | <b>877</b>        | <b>669</b>            | <b>768</b>            | <b>779</b> | <b>1,071</b> |

See footnotes at end of table.

Table C-1 I-RO.

**General Characteristics by Census Geography—Renter-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                       | Total<br>renter-<br>occupied<br>units | Regions and divisions |                    |                       |                       |                   |                       |                       |           |           |
|-----------------------------------------------------------------------|---------------------------------------|-----------------------|--------------------|-----------------------|-----------------------|-------------------|-----------------------|-----------------------|-----------|-----------|
|                                                                       |                                       | Northeast             |                    | Midwest               |                       | South             |                       |                       | West      |           |
|                                                                       |                                       | New<br>England        | Middle<br>Atlantic | East North<br>Central | West North<br>Central | South<br>Atlantic | East South<br>Central | West South<br>Central | Mountain  | Pacific   |
| <b>Monthly Housing Costs as Percent of Current Income<sup>5</sup></b> |                                       |                       |                    |                       |                       |                   |                       |                       |           |           |
| Less than 5 percent . . . . .                                         | 183                                   | 12                    | 32                 | 36                    | 8                     | 28                | 6                     | 10                    | 17        | 34        |
| 5 to 9 percent. . . . .                                               | 880                                   | 43                    | 188                | 112                   | 56                    | 149               | 52                    | 78                    | 56        | 145       |
| 10 to 14 percent. . . . .                                             | 2,106                                 | 130                   | 303                | 337                   | 124                   | 324               | 112                   | 305                   | 134       | 337       |
| 15 to 19 percent. . . . .                                             | 3,012                                 | 137                   | 412                | 436                   | 207                   | 534               | 166                   | 357                   | 204       | 558       |
| 20 to 24 percent. . . . .                                             | 3,701                                 | 152                   | 540                | 497                   | 272                   | 666               | 203                   | 409                   | 292       | 670       |
| 25 to 29 percent. . . . .                                             | 3,984                                 | 179                   | 592                | 573                   | 307                   | 731               | 220                   | 416                   | 239       | 726       |
| 30 to 34 percent. . . . .                                             | 3,257                                 | 171                   | 526                | 454                   | 195                   | 578               | 132                   | 322                   | 242       | 637       |
| 35 to 39 percent. . . . .                                             | 2,701                                 | 118                   | 440                | 371                   | 151                   | 496               | 168                   | 305                   | 186       | 468       |
| 40 to 49 percent. . . . .                                             | 3,735                                 | 175                   | 571                | 453                   | 224                   | 655               | 178                   | 452                   | 256       | 771       |
| 50 to 59 percent. . . . .                                             | 2,605                                 | 94                    | 383                | 292                   | 137                   | 465               | 117                   | 303                   | 233       | 580       |
| 60 to 69 percent. . . . .                                             | 1,681                                 | 86                    | 260                | 222                   | 62                    | 287               | 87                    | 194                   | 120       | 363       |
| 70 to 99 percent. . . . .                                             | 2,648                                 | 118                   | 378                | 357                   | 139                   | 466               | 113                   | 286                   | 167       | 622       |
| 100 percent or more <sup>6</sup> . . . . .                            | 4,610                                 | 241                   | 698                | 618                   | 281                   | 809               | 264                   | 457                   | 355       | 886       |
| Zero or negative income . . . . .                                     | 1,443                                 | 67                    | 189                | 208                   | 57                    | 271               | 65                    | 181                   | 110       | 296       |
| No cash rent . . . . .                                                | 2,271                                 | 63                    | 288                | 289                   | 174                   | 477               | 204                   | 366                   | 148       | 261       |
| <b>Median (excludes 2 previous lines)</b>                             |                                       |                       |                    |                       |                       |                   |                       |                       |           |           |
| <b>(percent). . . . .</b>                                             | <b>35</b>                             | <b>35</b>             | <b>35</b>          | <b>34</b>             | <b>32</b>             | <b>35</b>         | <b>35</b>             | <b>35</b>             | <b>36</b> | <b>38</b> |
| <b>Median (excludes 3 lines before</b>                                |                                       |                       |                    |                       |                       |                   |                       |                       |           |           |
| <b>medians) (percent) . . . . .</b>                                   | <b>31</b>                             | <b>31</b>             | <b>32</b>          | <b>30</b>             | <b>29</b>             | <b>32</b>         | <b>30</b>             | <b>32</b>             | <b>32</b> | <b>33</b> |

<sup>1</sup> For manufactured/mobile homes, oldest category is 1939 or earlier.<sup>2</sup> Median is estimated from the printed distribution; see Appendix A.<sup>3</sup> Includes only those who responded they had some type of air conditioning.<sup>4</sup> Figures may not add to total because more than one category may apply to a unit.<sup>5</sup> This item uses current income in its calculation; see Appendix A.<sup>6</sup> May reflect a temporary situation, living off savings, or response error.

Table C-12-RO.

**General Characteristics by Units in Structure—Renter-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                           | Total<br>renter-<br>occupied<br>units | 1, detached   | 1, attached  | Multiunit     |              |              |              |              |              | Manufac-<br>tured/<br>mobile<br>homes |
|-----------------------------------------------------------|---------------------------------------|---------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|---------------------------------------|
|                                                           |                                       |               |              | Total         | 2 to 4       | 5 to 9       | 10 to 19     | 20 to 49     | 50 or more   |                                       |
| <b>Total</b> .....                                        | <b>38,816</b>                         | <b>11,099</b> | <b>2,654</b> | <b>23,551</b> | <b>7,537</b> | <b>4,827</b> | <b>4,514</b> | <b>3,257</b> | <b>3,415</b> | <b>1,512</b>                          |
| <b>Year Structure Built<sup>1,2</sup></b>                 |                                       |               |              |               |              |              |              |              |              |                                       |
| 2010 to 2014 .....                                        | 147                                   | 34            | 14           | 94            | 12           | 13           | 17           | 22           | 30           | 5                                     |
| 2005 to 2009 .....                                        | 1,917                                 | 537           | 223          | 1,101         | 218          | 173          | 219          | 239          | 252          | 55                                    |
| 2000 to 2004 .....                                        | 1,887                                 | 481           | 173          | 1,131         | 206          | 209          | 309          | 198          | 209          | 103                                   |
| 1995 to 1999 .....                                        | 1,861                                 | 423           | 132          | 1,059         | 233          | 249          | 299          | 153          | 124          | 246                                   |
| 1990 to 1994 .....                                        | 1,498                                 | 332           | 141          | 856           | 208          | 169          | 218          | 135          | 126          | 169                                   |
| 1985 to 1989 .....                                        | 2,714                                 | 393           | 225          | 1,935         | 356          | 524          | 563          | 242          | 250          | 161                                   |
| 1980 to 1984 .....                                        | 2,470                                 | 398           | 230          | 1,679         | 450          | 463          | 363          | 192          | 211          | 161                                   |
| 1975 to 1979 .....                                        | 4,507                                 | 991           | 352          | 2,964         | 884          | 700          | 598          | 383          | 400          | 199                                   |
| 1970 to 1974 .....                                        | 3,927                                 | 737           | 216          | 2,773         | 718          | 572          | 570          | 398          | 515          | 202                                   |
| 1960 to 1969 .....                                        | 4,917                                 | 1,458         | 253          | 3,061         | 845          | 626          | 612          | 460          | 518          | 144                                   |
| 1950 to 1959 .....                                        | 3,357                                 | 1,674         | 197          | 1,472         | 599          | 260          | 212          | 152          | 249          | 15                                    |
| 1940 to 1949 .....                                        | 2,451                                 | 1,137         | 119          | 1,163         | 562          | 204          | 127          | 133          | 136          | 33                                    |
| 1930 to 1939 .....                                        | 2,008                                 | 843           | 87           | 1,059         | 537          | 179          | 89           | 125          | 129          | 18                                    |
| 1920 to 1929 .....                                        | 2,014                                 | 666           | 121          | 1,227         | 600          | 164          | 123          | 192          | 148          | X                                     |
| 1919 or earlier .....                                     | 3,141                                 | 995           | 169          | 1,976         | 1,111        | 320          | 193          | 233          | 120          | X                                     |
| <b>Median (year)</b> .....                                | <b>1972</b>                           | <b>1962</b>   | <b>1977</b>  | <b>1973</b>   | <b>1964</b>  | <b>1976</b>  | <b>1978</b>  | <b>1974</b>  | <b>1974</b>  | <b>1984</b>                           |
| <b>Rooms</b>                                              |                                       |               |              |               |              |              |              |              |              |                                       |
| 1 .....                                                   | 374                                   | 14            | 8            | 352           | 47           | 37           | 70           | 84           | 114          | Z                                     |
| 2 .....                                                   | 854                                   | 49            | 24           | 777           | 111          | 126          | 120          | 169          | 252          | 3                                     |
| 3 .....                                                   | 8,074                                 | 394           | 330          | 7,258         | 1,507        | 1,334        | 1,421        | 1,365        | 1,631        | 92                                    |
| 4 .....                                                   | 12,461                                | 1,693         | 868          | 9,300         | 3,238        | 2,098        | 1,885        | 1,111        | 967          | 600                                   |
| 5 .....                                                   | 8,820                                 | 3,299         | 702          | 4,297         | 1,742        | 952          | 809          | 427          | 367          | 522                                   |
| 6 .....                                                   | 5,056                                 | 3,032         | 529          | 1,282         | 718          | 234          | 163          | 89           | 77           | 213                                   |
| 7 .....                                                   | 1,908                                 | 1,489         | 133          | 218           | 140          | 35           | 29           | 7            | 7            | 69                                    |
| 8 .....                                                   | 743                                   | 661           | 33           | 40            | 20           | 9            | 8            | 3            | Z            | 8                                     |
| 9 .....                                                   | 299                                   | 266           | 18           | 13            | 3            | 3            | 5            | 2            | Z            | 2                                     |
| 10 or more .....                                          | 228                                   | 202           | 9            | 15            | 12           | Z            | 2            | Z            | Z            | 3                                     |
| <b>Bedrooms</b>                                           |                                       |               |              |               |              |              |              |              |              |                                       |
| None .....                                                | 840                                   | 22            | 18           | 800           | 96           | 91           | 126          | 200          | 287          | Z                                     |
| 1 .....                                                   | 10,336                                | 568           | 420          | 9,253         | 1,998        | 1,758        | 1,874        | 1,659        | 1,964        | 96                                    |
| 2 .....                                                   | 15,459                                | 2,824         | 1,195        | 10,694        | 3,994        | 2,418        | 2,113        | 1,200        | 970          | 745                                   |
| 3 .....                                                   | 9,259                                 | 5,363         | 845          | 2,429         | 1,249        | 504          | 335          | 171          | 170          | 621                                   |
| 4 or more .....                                           | 2,921                                 | 2,322         | 176          | 374           | 200          | 57           | 67           | 27           | 23           | 50                                    |
| <b>Complete Bathrooms</b>                                 |                                       |               |              |               |              |              |              |              |              |                                       |
| None .....                                                | 304                                   | 94            | 22           | 175           | 37           | 39           | 38           | 26           | 34           | 14                                    |
| 1 .....                                                   | 24,150                                | 4,807         | 1,220        | 17,478        | 5,843        | 3,308        | 3,105        | 2,475        | 2,746        | 646                                   |
| 1½ .....                                                  | 3,834                                 | 1,434         | 477          | 1,807         | 646          | 465          | 347          | 175          | 175          | 115                                   |
| 2 or more .....                                           | 10,528                                | 4,764         | 935          | 4,091         | 1,011        | 1,015        | 1,024        | 581          | 460          | 737                                   |
| <b>Square Footage of Unit</b>                             |                                       |               |              |               |              |              |              |              |              |                                       |
| Single detached and<br>manufactured/mobile<br>homes ..... | 12,611                                | 11,099        | X            | X             | X            | X            | X            | X            | X            | 1,512                                 |
| Less than 500 .....                                       | 262                                   | 194           | X            | X             | X            | X            | X            | X            | X            | 68                                    |
| 500 to 749 .....                                          | 739                                   | 520           | X            | X             | X            | X            | X            | X            | X            | 219                                   |
| 750 to 999 .....                                          | 1,577                                 | 1,115         | X            | X             | X            | X            | X            | X            | X            | 462                                   |
| 1,000 to 1,499 .....                                      | 3,709                                 | 3,302         | X            | X             | X            | X            | X            | X            | X            | 407                                   |
| 1,500 to 1,999 .....                                      | 2,484                                 | 2,364         | X            | X             | X            | X            | X            | X            | X            | 120                                   |
| 2,000 to 2,499 .....                                      | 1,227                                 | 1,202         | X            | X             | X            | X            | X            | X            | X            | 25                                    |
| 2,500 to 2,999 .....                                      | 475                                   | 474           | X            | X             | X            | X            | X            | X            | X            | 1                                     |
| 3,000 to 3,999 .....                                      | 330                                   | 328           | X            | X             | X            | X            | X            | X            | X            | 3                                     |
| 4,000 or more .....                                       | 245                                   | 238           | X            | X             | X            | X            | X            | X            | X            | 6                                     |
| Not reported .....                                        | 1,563                                 | 1,362         | X            | X             | X            | X            | X            | X            | X            | 200                                   |
| <b>Median (square feet)</b> .....                         | <b>1,301</b>                          | <b>1,400</b>  | <b>X</b>     | <b>X</b>      | <b>X</b>     | <b>X</b>     | <b>X</b>     | <b>X</b>     | <b>X</b>     | <b>980</b>                            |
| <b>Air conditioning<sup>3</sup></b>                       |                                       |               |              |               |              |              |              |              |              |                                       |
| Central .....                                             | 20,615                                | 6,318         | 1,621        | 11,842        | 3,074        | 2,682        | 2,821        | 1,570        | 1,695        | 834                                   |
| Additional central .....                                  | 1,188                                 | 454           | 88           | 602           | 164          | 145          | 114          | 88           | 91           | 44                                    |
| Room (air conditioning) units:                            |                                       |               |              |               |              |              |              |              |              |                                       |
| 1 unit .....                                              | 6,822                                 | 1,387         | 282          | 4,959         | 1,705        | 958          | 736          | 791          | 768          | 195                                   |
| 2 units .....                                             | 3,664                                 | 1,004         | 187          | 2,236         | 947          | 369          | 256          | 289          | 375          | 237                                   |
| 3 units or more .....                                     | 1,724                                 | 735           | 143          | 769           | 426          | 85           | 65           | 61           | 132          | 77                                    |

See footnotes at end of table.

Table C-12-RO.

**General Characteristics by Units in Structure—Renter-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                               | Total<br>renter-<br>occupied<br>units | 1, detached | 1, attached | Multiunit |        |        |          |          |            | Manufactured/<br>mobile<br>homes |
|---------------------------------------------------------------|---------------------------------------|-------------|-------------|-----------|--------|--------|----------|----------|------------|----------------------------------|
|                                                               |                                       |             |             | Total     | 2 to 4 | 5 to 9 | 10 to 19 | 20 to 49 | 50 or more |                                  |
| Main Heating Equipment                                        |                                       |             |             |           |        |        |          |          |            |                                  |
| Warm-air furnace                                              | 22,015                                | 7,202       | 1,694       | 12,058    | 4,006  | 2,583  | 2,534    | 1,433    | 1,502      | 1,060                            |
| Steam or hot water system                                     | 5,259                                 | 582         | 207         | 4,469     | 1,414  | 650    | 555      | 846      | 1,003      | 2                                |
| Electric heat pump                                            | 3,741                                 | 1,077       | 307         | 2,143     | 471    | 527    | 541      | 316      | 289        | 214                              |
| Built-in electric units                                       | 2,867                                 | 395         | 133         | 2,333     | 660    | 501    | 452      | 380      | 340        | 6                                |
| Floor, wall, or other built-in hot-air units<br>without ducts | 2,697                                 | 686         | 200         | 1,775     | 593    | 424    | 319      | 218      | 220        | 37                               |
| Room heaters with flue                                        | 377                                   | 188         | 11          | 167       | 98     | 30     | 12       | 10       | 17         | 12                               |
| Room heaters without flue                                     | 465                                   | 323         | 9           | 75        | 57     | 12     | 5        | 1        | Z          | 58                               |
| Portable electric heaters                                     | 711                                   | 335         | 64          | 227       | 120    | 36     | 44       | 16       | 11         | 85                               |
| Stoves                                                        | 188                                   | 151         | 7           | 6         | 4      | 1      | Z        | Z        | 1          | 23                               |
| Fireplaces with inserts                                       | 10                                    | 3           | 2           | 5         | 2      | Z      | 1        | 2        | Z          | Z                                |
| Fireplaces without inserts                                    | 17                                    | 10          | Z           | 5         | 5      | Z      | Z        | Z        | Z          | 2                                |
| Cooking stove                                                 | 53                                    | 17          | 2           | 32        | 15     | 15     | Z        | 2        | Z          | 2                                |
| Other                                                         | 162                                   | 52          | 8           | 95        | 35     | 17     | 21       | 16       | 5          | 6                                |
| None                                                          | 253                                   | 76          | 12          | 160       | 57     | 31     | 28       | 17       | 27         | 5                                |
| Primary Source of Water                                       |                                       |             |             |           |        |        |          |          |            |                                  |
| Public or private system                                      | 37,070                                | 9,876       | 2,588       | 23,419    | 7,433  | 4,818  | 4,512    | 3,254    | 3,402      | 1,187                            |
| Well serving 1 to 5 units                                     | 1,615                                 | 1,151       | 65          | 99        | 96     | 3      | Z        | Z        | Z          | 300                              |
| Drilled                                                       | 1,331                                 | 930         | 58          | 77        | 74     | 3      | Z        | Z        | Z          | 266                              |
| Dug                                                           | 120                                   | 99          | Z           | 3         | 3      | Z      | Z        | Z        | Z          | 18                               |
| Not reported                                                  | 165                                   | 122         | 7           | 19        | 19     | Z      | Z        | Z        | Z          | 16                               |
| Other                                                         | 131                                   | 72          | 1           | 33        | 8      | 7      | 1        | 3        | 13         | 26                               |
| Means of Sewage Disposal                                      |                                       |             |             |           |        |        |          |          |            |                                  |
| Public sewer                                                  | 35,986                                | 9,224       | 2,569       | 23,357    | 7,367  | 4,824  | 4,502    | 3,254    | 3,410      | 837                              |
| Septic tank, cesspool, or chemical<br>toilet                  | 2,811                                 | 1,873       | 85          | 178       | 170    | 3      | 2        | 1        | 2          | 676                              |
| Other                                                         | 18                                    | 2           | Z           | 16        | Z      | Z      | 10       | 2        | 3          | Z                                |
| Units Using Each Fuel <sup>4</sup>                            |                                       |             |             |           |        |        |          |          |            |                                  |
| Electricity                                                   | 38,805                                | 11,089      | 2,654       | 23,549    | 7,537  | 4,827  | 4,514    | 3,256    | 3,415      | 1,512                            |
| Piped gas                                                     | 23,458                                | 7,292       | 1,679       | 14,089    | 5,110  | 2,677  | 2,299    | 1,882    | 2,121      | 397                              |
| Bottled gas                                                   | 1,369                                 | 751         | 36          | 235       | 148    | 33     | 14       | 13       | 26         | 347                              |
| Fuel oil                                                      | 3,018                                 | 604         | 93          | 2,270     | 584    | 201    | 260      | 504      | 721        | 52                               |
| Kerosene or other liquid fuel                                 | 181                                   | 107         | 4           | 29        | 17     | 8      | Z        | Z        | 4          | 41                               |
| Coal or coke                                                  | 14                                    | 14          | Z           | Z         | Z      | Z      | Z        | Z        | Z          | Z                                |
| Wood                                                          | 278                                   | 205         | 9           | 14        | 11     | 1      | Z        | 1        | 1          | 49                               |
| Solar energy                                                  | 22                                    | 5           | 2           | 15        | 1      | 1      | 3        | 4        | 6          | Z                                |
| Other                                                         | 167                                   | 36          | 2           | 127       | 28     | 25     | 19       | 18       | 37         | 2                                |
| All electric units                                            | 13,405                                | 2,630       | 952         | 9,114     | 2,176  | 2,127  | 2,217    | 1,363    | 1,231      | 709                              |
| Selected Amenities <sup>4</sup>                               |                                       |             |             |           |        |        |          |          |            |                                  |
| Porch, deck, balcony, or patio                                | 27,665                                | 9,814       | 2,072       | 14,516    | 5,143  | 3,193  | 3,031    | 1,718    | 1,430      | 1,263                            |
| Telephone available                                           | 37,344                                | 10,784      | 2,525       | 22,576    | 7,225  | 4,658  | 4,328    | 3,083    | 3,283      | 1,458                            |
| Usable fireplace                                              | 5,672                                 | 3,073       | 517         | 1,981     | 548    | 539    | 543      | 255      | 97         | 101                              |
| Separate dining room                                          | 11,623                                | 4,940       | 974         | 5,378     | 2,063  | 1,184  | 1,017    | 597      | 516        | 331                              |
| With 2 or more living rooms or<br>recreation rooms, etc.      | 3,334                                 | 2,455       | 217         | 556       | 275    | 89     | 110      | 35       | 46         | 106                              |
| Monthly Housing Costs                                         |                                       |             |             |           |        |        |          |          |            |                                  |
| Less than \$100                                               | 281                                   | 27          | 32          | 221       | 59     | 56     | 34       | 26       | 47         | Z                                |
| \$100 to \$199                                                | 738                                   | 68          | 46          | 611       | 182    | 127    | 96       | 63       | 143        | 13                               |
| \$200 to \$249                                                | 761                                   | 81          | 38          | 631       | 137    | 90     | 74       | 80       | 251        | 11                               |
| \$250 to \$299                                                | 633                                   | 75          | 36          | 506       | 142    | 105    | 64       | 80       | 114        | 16                               |
| \$300 to \$349                                                | 681                                   | 122         | 66          | 470       | 153    | 84     | 68       | 57       | 107        | 24                               |
| \$350 to \$399                                                | 685                                   | 151         | 27          | 450       | 168    | 86     | 80       | 45       | 71         | 57                               |
| \$400 to \$449                                                | 864                                   | 204         | 64          | 525       | 208    | 98     | 84       | 67       | 68         | 70                               |
| \$450 to \$499                                                | 1,139                                 | 234         | 50          | 757       | 290    | 151    | 134      | 84       | 97         | 99                               |
| \$500 to \$599                                                | 3,014                                 | 610         | 115         | 2,083     | 730    | 486    | 360      | 297      | 210        | 207                              |
| \$600 to \$699                                                | 3,764                                 | 825         | 191         | 2,475     | 779    | 571    | 556      | 377      | 192        | 272                              |
| \$700 to \$799                                                | 4,059                                 | 947         | 221         | 2,687     | 940    | 622    | 560      | 364      | 201        | 205                              |
| \$800 to \$999                                                | 6,629                                 | 1,657       | 458         | 4,313     | 1,353  | 987    | 964      | 607      | 401        | 201                              |
| \$1,000 to \$1,249                                            | 5,443                                 | 1,688       | 411         | 3,251     | 956    | 626    | 701      | 516      | 453        | 92                               |
| \$1,250 to \$1,499                                            | 3,344                                 | 1,197       | 299         | 1,830     | 551    | 324    | 378      | 267      | 310        | 18                               |
| \$1,500 to \$1,999                                            | 2,873                                 | 1,076       | 294         | 1,493     | 449    | 238    | 227      | 202      | 376        | 10                               |
| \$2,000 to \$2,499                                            | 925                                   | 414         | 83          | 426       | 120    | 55     | 58       | 48       | 145        | 2                                |
| \$2,500 or more                                               | 713                                   | 316         | 53          | 344       | 86     | 30     | 13       | 38       | 178        | Z                                |
| No cash rent                                                  | 2,271                                 | 1,408       | 170         | 477       | 233    | 91     | 61       | 41       | 52         | 216                              |
| Median (excludes no cash rent)<br>(dollars)                   | 845                                   | 978         | 950         | 803       | 783    | 781    | 824      | 821      | 889        | 660                              |

See footnotes at end of table.

Table C-12-RO.

**General Characteristics by Units in Structure—Renter-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                       | Total<br>renter-<br>occupied<br>units | 1, detached | 1, attached | Multiunit |           |           |           |           |            | Manufactured/<br>mobile<br>homes |
|-----------------------------------------------------------------------|---------------------------------------|-------------|-------------|-----------|-----------|-----------|-----------|-----------|------------|----------------------------------|
|                                                                       |                                       |             |             | Total     | 2 to 4    | 5 to 9    | 10 to 19  | 20 to 49  | 50 or more |                                  |
| <b>Monthly Housing Costs as Percent of Current Income<sup>5</sup></b> |                                       |             |             |           |           |           |           |           |            |                                  |
| Less than 5 percent . . . . .                                         | 183                                   | 56          | 12          | 109       | 34        | 16        | 19        | 12        | 27         | 6                                |
| 5 to 9 percent . . . . .                                              | 880                                   | 250         | 74          | 527       | 175       | 84        | 88        | 79        | 101        | 30                               |
| 10 to 14 percent . . . . .                                            | 2,106                                 | 626         | 131         | 1,260     | 374       | 267       | 272       | 159       | 188        | 89                               |
| 15 to 19 percent . . . . .                                            | 3,012                                 | 927         | 200         | 1,798     | 569       | 361       | 350       | 257       | 261        | 86                               |
| 20 to 24 percent . . . . .                                            | 3,701                                 | 1,094       | 239         | 2,221     | 657       | 495       | 503       | 273       | 293        | 147                              |
| 25 to 29 percent . . . . .                                            | 3,984                                 | 996         | 282         | 2,562     | 728       | 514       | 504       | 348       | 468        | 143                              |
| 30 to 34 percent . . . . .                                            | 3,257                                 | 782         | 245         | 2,110     | 645       | 447       | 374       | 246       | 398        | 120                              |
| 35 to 39 percent . . . . .                                            | 2,701                                 | 693         | 160         | 1,771     | 591       | 397       | 342       | 245       | 196        | 77                               |
| 40 to 49 percent . . . . .                                            | 3,735                                 | 957         | 254         | 2,387     | 824       | 480       | 479       | 324       | 281        | 137                              |
| 50 to 59 percent . . . . .                                            | 2,605                                 | 728         | 159         | 1,631     | 573       | 326       | 321       | 221       | 190        | 88                               |
| 60 to 69 percent . . . . .                                            | 1,681                                 | 423         | 110         | 1,110     | 365       | 243       | 194       | 186       | 123        | 39                               |
| 70 to 99 percent . . . . .                                            | 2,648                                 | 771         | 208         | 1,553     | 517       | 301       | 290       | 236       | 209        | 116                              |
| 100 percent or more <sup>6</sup> . . . . .                            | 4,610                                 | 1,125       | 303         | 3,014     | 944       | 628       | 512       | 453       | 478        | 167                              |
| Zero or negative income . . . . .                                     | 1,443                                 | 262         | 107         | 1,020     | 308       | 178       | 205       | 179       | 151        | 54                               |
| No cash rent . . . . .                                                | 2,271                                 | 1,408       | 170         | 477       | 233       | 91        | 61        | 41        | 52         | 216                              |
| <b>Median (excludes 2 previous lines)</b>                             |                                       |             |             |           |           |           |           |           |            |                                  |
| <b>(percent) . . . . .</b>                                            | <b>35</b>                             | <b>34</b>   | <b>35</b>   | <b>36</b> | <b>37</b> | <b>36</b> | <b>35</b> | <b>37</b> | <b>32</b>  | <b>35</b>                        |
| <b>Median (excludes 3 lines before</b>                                |                                       |             |             |           |           |           |           |           |            |                                  |
| <b>medians) (percent) . . . . .</b>                                   | <b>31</b>                             | <b>31</b>   | <b>31</b>   | <b>32</b> | <b>33</b> | <b>32</b> | <b>31</b> | <b>33</b> | <b>30</b>  | <b>31</b>                        |

<sup>1</sup> For manufactured/mobile homes, oldest category is 1939 or earlier.<sup>2</sup> Median is estimated from the printed distribution; see Appendix A.<sup>3</sup> Includes only those who responded they had some type of air conditioning.<sup>4</sup> Figures may not add to total because more than one category may apply to a unit.<sup>5</sup> This item uses current income in its calculation; see Appendix A.<sup>6</sup> May reflect a temporary situation, living off savings, or response error.

Table C-17-RO.

**Property Management and Maintenance—Renter-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                   | Total renter-occupied units | Housing unit characteristics  |                           | Household characteristics |              |                             |                     | Regions      |              |               |               | Inside MSA    |                  | Outside MSA  |
|---------------------------------------------------|-----------------------------|-------------------------------|---------------------------|---------------------------|--------------|-----------------------------|---------------------|--------------|--------------|---------------|---------------|---------------|------------------|--------------|
|                                                   |                             | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic     | Elderly (65 years and over) | Below poverty level | North-east   | Midwest      | South         | West          | Central city  | Not central city |              |
| <b>Total</b> .....                                | <b>38,816</b>               | <b>673</b>                    | <b>1,512</b>              | <b>8,033</b>              | <b>7,311</b> | <b>4,808</b>                | <b>11,126</b>       | <b>7,585</b> | <b>7,650</b> | <b>13,465</b> | <b>10,115</b> | <b>16,502</b> | <b>16,251</b>    | <b>6,062</b> |
| <b>Rent Reductions</b>                            |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| No subsidy .....                                  | 32,543                      | 538                           | 1,456                     | 5,749                     | 6,076        | 3,388                       | 7,488               | 5,909        | 6,427        | 11,519        | 8,689         | 13,309        | 14,176           | 5,058        |
| Rent control .....                                | 617                         | 1                             | Z                         | 120                       | 178          | 107                         | 118                 | 269          | Z            | 37            | 310           | 585           | 33               | Z            |
| No rent control .....                             | 31,918                      | 537                           | 1,456                     | 5,624                     | 5,897        | 3,280                       | 7,370               | 5,634        | 6,427        | 11,481        | 8,375         | 12,721        | 14,139           | 5,058        |
| Reduced by owner .....                            | 2,188                       | 22                            | 216                       | 209                       | 324          | 391                         | 599                 | 421          | 454          | 836           | 478           | 563           | 903              | 723          |
| Not reduced by owner .....                        | 29,059                      | 489                           | 1,212                     | 5,231                     | 5,489        | 2,762                       | 6,566               | 5,131        | 5,798        | 10,334        | 7,796         | 11,933        | 12,927           | 4,199        |
| Owner reduction not reported .....                | 670                         | 25                            | 29                        | 184                       | 84           | 128                         | 204                 | 83           | 175          | 310           | 101           | 225           | 309              | 136          |
| Rent control not reported .....                   | 9                           | Z                             | Z                         | 5                         | 1            | 1                           | Z                   | 5            | Z            | Z             | 4             | 4             | 4                | Z            |
| Owned by public housing authority .....           | 2,241                       | 23                            | Z                         | 862                       | 404          | 599                         | 1,348               | 606          | 517          | 738           | 380           | 1,139         | 604              | 499          |
| Government subsidy .....                          | 3,042                       | 83                            | 46                        | 1,182                     | 580          | 695                         | 1,981               | 799          | 574          | 885           | 784           | 1,571         | 1,055            | 416          |
| Other income verification .....                   | 821                         | 23                            | 6                         | 213                       | 207          | 100                         | 255                 | 204          | 132          | 310           | 175           | 395           | 343              | 83           |
| Subsidy not reported .....                        | 169                         | 7                             | 4                         | 27                        | 44           | 25                          | 54                  | 68           | Z            | 13            | 88            | 88            | 73               | 7            |
| <b>Owner or Manager on Property</b>               |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Rental, multiunit <sup>1</sup> .....              | 23,551                      | 455                           | X                         | 5,357                     | 4,681        | 3,281                       | 7,106               | 5,915        | 4,747        | 6,970         | 5,918         | 11,764        | 9,371            | 2,416        |
| Owner or manager lives on property .....          | 7,551                       | 197                           | X                         | 1,484                     | 1,626        | 1,131                       | 2,073               | 1,643        | 1,162        | 2,008         | 2,739         | 3,785         | 3,204            | 562          |
| Neither owner nor manager lives on property ..... | 15,999                      | 258                           | X                         | 3,873                     | 3,055        | 2,150                       | 5,034               | 4,272        | 3,586        | 4,963         | 3,179         | 7,978         | 6,167            | 1,854        |
| <b>Renter Maintenance Quality</b>                 |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Major repairs needed <sup>2</sup> .....           | 28,025                      | 430                           | 944                       | 6,065                     | 5,343        | 3,798                       | 8,213               | 5,713        | 5,619        | 9,538         | 7,154         | 12,068        | 11,763           | 4,194        |
| Work usually started quickly .....                | 24,190                      | 396                           | 828                       | 4,921                     | 4,379        | 3,491                       | 6,788               | 4,886        | 4,901        | 8,153         | 6,250         | 10,198        | 10,333           | 3,658        |
| Management solved problem quickly .....           | 25,327                      | 400                           | 873                       | 5,287                     | 4,735        | 3,564                       | 7,255               | 5,112        | 5,117        | 8,591         | 6,507         | 10,778        | 10,713           | 3,836        |
| Management polite and considerate .....           | 27,440                      | 419                           | 936                       | 5,903                     | 5,220        | 3,746                       | 7,993               | 5,584        | 5,510        | 9,353         | 6,993         | 11,746        | 11,571           | 4,123        |
| Minor repairs needed <sup>2</sup> .....           | 29,604                      | 499                           | 955                       | 6,350                     | 5,550        | 3,975                       | 8,583               | 6,039        | 5,908        | 9,956         | 7,702         | 12,795        | 12,467           | 4,343        |
| Started quickly enough usually .....              | 26,097                      | 461                           | 849                       | 5,330                     | 4,786        | 3,673                       | 7,313               | 5,318        | 5,256        | 8,715         | 6,808         | 11,107        | 11,133           | 3,857        |
| Solved the problem quickly .....                  | 27,443                      | 479                           | 893                       | 5,756                     | 5,074        | 3,740                       | 7,794               | 5,558        | 5,492        | 9,224         | 7,169         | 11,775        | 11,626           | 4,041        |
| Polite .....                                      | 29,085                      | 490                           | 955                       | 6,225                     | 5,433        | 3,930                       | 8,368               | 5,938        | 5,799        | 9,793         | 7,555         | 12,509        | 12,281           | 4,295        |
| <b>Building and Ground Maintenance</b>            |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| <b>Building Maintenance Quality:</b>              |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Completely satisfied .....                        | 27,366                      | 564                           | 1,019                     | 5,170                     | 5,041        | 3,806                       | 7,390               | 5,325        | 5,452        | 9,336         | 7,253         | 11,296        | 11,670           | 4,399        |
| Partly satisfied .....                            | 7,296                       | 80                            | 189                       | 1,844                     | 1,440        | 634                         | 2,325               | 1,515        | 1,422        | 2,429         | 1,930         | 3,553         | 2,860            | 883          |
| Dissatisfied .....                                | 2,236                       | 17                            | 76                        | 655                       | 540          | 133                         | 862                 | 516          | 424          | 764           | 532           | 1,132         | 830              | 274          |
| Landlord not responsible .....                    | 1,313                       | 5                             | 193                       | 214                       | 192          | 144                         | 362                 | 107          | 233          | 706           | 266           | 303           | 621              | 389          |
| Not reported .....                                | 605                         | 7                             | 35                        | 149                       | 100          | 91                          | 187                 | 122          | 119          | 231           | 134           | 219           | 270              | 116          |
| <b>Ground Maintenance Quality:</b>                |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Completely satisfied .....                        | 26,163                      | 556                           | 886                       | 5,174                     | 4,954        | 3,665                       | 7,309               | 5,331        | 5,224        | 8,783         | 6,825         | 11,125        | 11,141           | 3,897        |
| Partly satisfied .....                            | 5,797                       | 69                            | 136                       | 1,424                     | 1,153        | 507                         | 1,747               | 1,247        | 1,092        | 1,813         | 1,646         | 2,835         | 2,349            | 614          |
| Dissatisfied .....                                | 2,004                       | 13                            | 60                        | 586                       | 502          | 155                         | 770                 | 482          | 346          | 665           | 511           | 1,050         | 719              | 236          |
| Landlord not responsible .....                    | 4,252                       | 28                            | 398                       | 705                       | 617          | 382                         | 1,118               | 402          | 879          | 1,963         | 1,007         | 1,277         | 1,762            | 1,213        |
| Not reported .....                                | 600                         | 7                             | 32                        | 143                       | 85           | 100                         | 182                 | 123          | 110          | 242           | 126           | 217           | 281              | 103          |
| <b>Building and Ground Maintenance Quality:</b>   |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Completely satisfied with both .....              | 23,263                      | 507                           | 807                       | 4,447                     | 4,376        | 3,414                       | 6,397               | 4,752        | 4,629        | 7,770         | 6,112         | 9,695         | 9,996            | 3,573        |
| Completely dissatisfied with both .....           | 1,133                       | 6                             | 33                        | 363                       | 317          | 79                          | 478                 | 301          | 190          | 356           | 286           | 629           | 398              | 106          |

<sup>1</sup> Two or more units of any tenure in structure.<sup>2</sup> When landlord responsible for repairs and when at least one condition answered.

Table S-01-RO.

**Health and Safety Characteristics—Renter-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                             | Total renter-occupied units | Housing unit characteristics  |                           | Household characteristics |              |                             |                     | Regions      |              |               |               | Inside MSA    |                  | Outside MSA  |
|-----------------------------------------------------------------------------|-----------------------------|-------------------------------|---------------------------|---------------------------|--------------|-----------------------------|---------------------|--------------|--------------|---------------|---------------|---------------|------------------|--------------|
|                                                                             |                             | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic     | Elderly (65 years and over) | Below poverty level | North-east   | Midwest      | South         | West          | Central city  | Not central city |              |
| <b>Total</b> .....                                                          | <b>38,816</b>               | <b>673</b>                    | <b>1,512</b>              | <b>8,033</b>              | <b>7,311</b> | <b>4,808</b>                | <b>11,126</b>       | <b>7,585</b> | <b>7,650</b> | <b>13,465</b> | <b>10,115</b> | <b>16,502</b> | <b>16,251</b>    | <b>6,062</b> |
| <b>Health of Household</b>                                                  |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Health of householder:                                                      |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Excellent .....                                                             | 13,201                      | 312                           | 359                       | 2,447                     | 2,537        | 710                         | 3,083               | 2,536        | 2,483        | 4,586         | 3,595         | 5,765         | 5,644            | 1,791        |
| Very Good .....                                                             | 16,419                      | 234                           | 634                       | 3,443                     | 3,055        | 1,955                       | 4,236               | 3,123        | 3,382        | 5,650         | 4,265         | 6,902         | 6,987            | 2,531        |
| Fair .....                                                                  | 6,649                       | 90                            | 361                       | 1,548                     | 1,339        | 1,490                       | 2,646               | 1,413        | 1,304        | 2,233         | 1,699         | 2,804         | 2,608            | 1,237        |
| Poor .....                                                                  | 1,676                       | 17                            | 117                       | 376                       | 274          | 510                         | 878                 | 357          | 320          | 610           | 390           | 687           | 623              | 367          |
| Not reported .....                                                          | 871                         | 21                            | 41                        | 218                       | 107          | 144                         | 282                 | 157          | 161          | 386           | 166           | 345           | 390              | 137          |
| <b>Tobacco Smoke Inside the Home</b>                                        |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Households with smokers .....                                               | 6,390                       | 46                            | 445                       | 1,709                     | 657          | 545                         | 2,494               | 1,275        | 1,751        | 2,475         | 890           | 2,715         | 2,275            | 1,401        |
| Households with no smokers .....                                            | 31,767                      | 609                           | 1,037                     | 6,139                     | 6,580        | 4,176                       | 8,432               | 6,199        | 5,772        | 10,701        | 9,095         | 13,529        | 13,676           | 4,563        |
| Visitors smoke .....                                                        | 1,065                       | 2                             | 43                        | 341                       | 185          | 128                         | 427                 | 212          | 286          | 403           | 164           | 468           | 405              | 192          |
| No visitors smoke .....                                                     | 30,674                      | 607                           | 994                       | 5,786                     | 6,389        | 4,045                       | 7,993               | 5,973        | 5,485        | 10,293        | 8,923         | 13,045        | 13,262           | 4,368        |
| Not reported .....                                                          | 29                          | Z                             | Z                         | 12                        | 7            | 3                           | 11                  | 14           | 1            | 5             | 8             | 16            | 9                | 4            |
| Not reported .....                                                          | 658                         | 18                            | 30                        | 184                       | 74           | 87                          | 200                 | 111          | 127          | 289           | 131           | 259           | 301              | 98           |
| <b>Second-Hand Smoke Entering Home<sup>1</sup></b>                          |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Daily .....                                                                 | 1,155                       | 18                            | 18                        | 196                       | 331          | 107                         | 328                 | 223          | 169          | 216           | 546           | 561           | 461              | 133          |
| Weekly .....                                                                | 1,065                       | 27                            | 29                        | 175                       | 242          | 108                         | 328                 | 202          | 160          | 290           | 412           | 519           | 376              | 170          |
| Monthly .....                                                               | 332                         | 3                             | 3                         | 37                        | 70           | 24                          | 96                  | 60           | 54           | 80            | 140           | 157           | 148              | 27           |
| A few times .....                                                           | 2,892                       | 40                            | 58                        | 557                       | 592          | 244                         | 757                 | 526          | 516          | 786           | 1,065         | 1,328         | 1,225            | 339          |
| Never .....                                                                 | 25,145                      | 518                           | 882                       | 4,812                     | 5,144        | 3,549                       | 6,465               | 4,942        | 4,560        | 8,903         | 6,740         | 10,438        | 11,010           | 3,696        |
| Not reported .....                                                          | 85                          | 2                             | 3                         | 8                         | 10           | 14                          | 19                  | 20           | 27           | 19            | 20            | 41            | 42               | 2            |
| <b>Child Health and Safety</b>                                              |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Children younger than 5 live in or regularly visit household .....          | 10,870                      | 172                           | 470                       | 2,763                     | 2,922        | 520                         | 4,041               | 1,840        | 2,050        | 4,046         | 2,934         | 4,346         | 4,702            | 1,821        |
| All electrical outlets covered .....                                        | 3,198                       | 59                            | 120                       | 777                       | 890          | 142                         | 1,092               | 661          | 575          | 1,144         | 819           | 1,377         | 1,347            | 474          |
| Some electrical outlets covered .....                                       | 2,754                       | 29                            | 109                       | 678                       | 719          | 104                         | 964                 | 466          | 557          | 977           | 754           | 1,039         | 1,204            | 511          |
| Electrical outlets not covered .....                                        | 4,802                       | 78                            | 231                       | 1,266                     | 1,290        | 266                         | 1,921               | 690          | 906          | 1,884         | 1,323         | 1,886         | 2,090            | 826          |
| Not reported .....                                                          | 116                         | 6                             | 9                         | 42                        | 23           | 8                           | 64                  | 23           | 13           | 41            | 39            | 44            | 62               | 9            |
| Chemicals, pesticides, cleaning supplies and medicines stored out of reach: |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| All .....                                                                   | 8,859                       | 138                           | 385                       | 2,340                     | 2,331        | 408                         | 3,326               | 1,544        | 1,694        | 3,279         | 2,342         | 3,596         | 3,778            | 1,486        |
| Some .....                                                                  | 1,059                       | 19                            | 41                        | 185                       | 250          | 58                          | 314                 | 155          | 208          | 358           | 338           | 375           | 467              | 217          |
| None .....                                                                  | 838                         | 9                             | 35                        | 195                       | 322          | 50                          | 344                 | 117          | 133          | 365           | 223           | 342           | 389              | 107          |
| Not Reported .....                                                          | 113                         | 6                             | 9                         | 42                        | 19           | 4                           | 56                  | 23           | 14           | 45            | 31            | 33            | 69               | 11           |
| Households with children 6 to 17 years of age .....                         | 9,839                       | 156                           | 456                       | 2,545                     | 2,874        | 165                         | 3,709               | 1,683        | 1,777        | 3,564         | 2,815         | 3,802         | 4,499            | 1,538        |
| Diagnosed with asthma .....                                                 | 2,255                       | 39                            | 99                        | 780                       | 561          | 31                          | 1,014               | 413          | 432          | 865           | 544           | 921           | 966              | 367          |
| Visited emergency room in past 12 months because of asthma .....            | 348                         | 3                             | 9                         | 129                       | 95           | 4                           | 164                 | 82           | 63           | 126           | 77            | 164           | 126              | 57           |
| Did not visit emergency room in past 12 months because of asthma .....      | 1,733                       | 32                            | 89                        | 580                       | 416          | 27                          | 749                 | 300          | 325          | 677           | 431           | 673           | 777              | 283          |
| Not reported .....                                                          | 174                         | 4                             | 1                         | 71                        | 50           | Z                           | 101                 | 31           | 44           | 62            | 36            | 84            | 62               | 28           |
| Has taken daily medicines for asthma in the past 12 months .....            | 868                         | 20                            | 26                        | 321                       | 208          | 7                           | 410                 | 178          | 153          | 346           | 191           | 363           | 355              | 150          |
| Has not taken daily medicines for asthma in the past 12 months .....        | 1,216                       | 14                            | 71                        | 389                       | 302          | 24                          | 502                 | 204          | 236          | 460           | 317           | 476           | 550              | 190          |
| Not reported .....                                                          | 171                         | 4                             | 1                         | 70                        | 50           | Z                           | 102                 | 32           | 44           | 58            | 37            | 82            | 61               | 28           |
| Not diagnosed with asthma .....                                             | 7,321                       | 111                           | 350                       | 1,684                     | 2,269        | 126                         | 2,614               | 1,209        | 1,299        | 2,609         | 2,203         | 2,775         | 3,399            | 1,147        |
| Not reported .....                                                          | 264                         | 6                             | 8                         | 81                        | 45           | 8                           | 82                  | 60           | 46           | 90            | 67            | 106           | 134              | 24           |
| <b>Water Temperature</b>                                                    |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Householder has access to water heating unit .....                          | 26,754                      | 467                           | 1,512                     | 5,261                     | 4,687        | 2,710                       | 7,357               | 3,446        | 5,280        | 10,764        | 7,264         | 9,754         | 11,800           | 5,200        |
| Has checked temperature of hot water .....                                  | 9,009                       | 212                           | 421                       | 2,059                     | 1,292        | 1,147                       | 2,690               | 1,339        | 1,756        | 3,470         | 2,444         | 3,244         | 4,039            | 1,726        |
| Has never checked temperature of hot water .....                            | 16,633                      | 244                           | 1,036                     | 3,008                     | 3,256        | 1,423                       | 4,380               | 1,904        | 3,278        | 6,920         | 4,530         | 6,113         | 7,229            | 3,291        |
| Not reported .....                                                          | 1,112                       | 11                            | 56                        | 194                       | 139          | 140                         | 287                 | 203          | 246          | 374           | 290           | 397           | 531              | 183          |
| Household does not have access to water heating unit .....                  | 10,283                      | 137                           | Z                         | 2,319                     | 2,269        | 1,783                       | 3,182               | 3,760        | 2,050        | 2,119         | 2,354         | 5,797         | 3,732            | 754          |
| Not reported .....                                                          | 1,779                       | 69                            | Z                         | 453                       | 355          | 315                         | 587                 | 379          | 320          | 582           | 498           | 952           | 719              | 108          |

See footnotes at end of table.

Table S-01-RO.

**Health and Safety Characteristics—Renter-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                                             | Total<br>renter-<br>occupied<br>units | Housing unit<br>characteristics             |                                       | Household characteristics |          |                                         |                           | Regions        |         |        |       | Inside MSA      |                        | Outside<br>MSA |
|---------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------------|---------------------------------------|---------------------------|----------|-----------------------------------------|---------------------------|----------------|---------|--------|-------|-----------------|------------------------|----------------|
|                                                                                             |                                       | New<br>con-<br>struction<br>past 4<br>years | Manu-<br>factured/<br>mobile<br>homes | Black<br>alone            | Hispanic | Elderly<br>(65<br>years<br>and<br>over) | Below<br>poverty<br>level | North-<br>east | Midwest | South  | West  | Central<br>city | Not<br>central<br>city |                |
| Stairs                                                                                      |                                       |                                             |                                       |                           |          |                                         |                           |                |         |        |       |                 |                        |                |
| Stairs present inside home <sup>2</sup> . . . . .                                           | 10,152                                | 173                                         | 48                                    | 2,192                     | 1,305    | 836                                     | 2,493                     | 2,433          | 3,053   | 2,734  | 1,932 | 3,860           | 4,583                  | 1,709          |
| All railings firmly attached . . . . .                                                      | 8,923                                 | 166                                         | 23                                    | 1,940                     | 1,120    | 745                                     | 2,125                     | 2,160          | 2,678   | 2,366  | 1,719 | 3,379           | 4,128                  | 1,416          |
| Broken or missing railings present. . .                                                     | 382                                   | 4                                           | Z                                     | 92                        | 63       | 22                                      | 126                       | 103            | 118     | 89     | 71    | 166             | 159                    | 57             |
| Steps missing or broken . . . . .                                                           | 205                                   | 2                                           | Z                                     | 50                        | 30       | 11                                      | 59                        | 62             | 57      | 52     | 35    | 85              | 82                     | 38             |
| Steps have some form of nonslip<br>covering . . . . .                                       | 6,330                                 | 129                                         | 14                                    | 1,323                     | 787      | 522                                     | 1,487                     | 1,425          | 1,976   | 1,580  | 1,349 | 2,305           | 3,018                  | 1,007          |
| All stairs sufficiently illuminated . . . .                                                 | 9,518                                 | 162                                         | 48                                    | 2,032                     | 1,216    | 791                                     | 2,288                     | 2,238          | 2,899   | 2,551  | 1,830 | 3,588           | 4,324                  | 1,607          |
| All stairs gated <sup>3</sup> . . . . .                                                     | 702                                   | 23                                          | 2                                     | 129                       | 116      | 27                                      | 175                       | 177            | 183     | 172    | 170   | 224             | 362                    | 116            |
| No stairs present inside home . . . . .                                                     | 28,243                                | 486                                         | 1,440                                 | 5,730                     | 5,942    | 3,921                                   | 8,491                     | 5,090          | 4,507   | 10,562 | 8,085 | 12,489          | 11,491                 | 4,264          |
| Not reported . . . . .                                                                      | 420                                   | 14                                          | 24                                    | 110                       | 64       | 51                                      | 142                       | 63             | 90      | 169    | 98    | 154             | 178                    | 89             |
| Potential Winter Heating Hazards                                                            |                                       |                                             |                                       |                           |          |                                         |                           |                |         |        |       |                 |                        |                |
| Ever used in winter to heat home <sup>2</sup> . . . .                                       | 5,180                                 | 34                                          | 373                                   | 1,249                     | 825      | 584                                     | 1,591                     | 992            | 1,127   | 1,664  | 1,398 | 2,199           | 1,994                  | 988            |
| Gas oven with an open door . . . . .                                                        | 622                                   | Z                                           | 44                                    | 278                       | 121      | 67                                      | 270                       | 173            | 134     | 199    | 117   | 353             | 169                    | 100            |
| Kerosene space heater . . . . .                                                             | 403                                   | 6                                           | 61                                    | 95                        | 27       | 61                                      | 134                       | 66             | 75      | 209    | 54    | 109             | 166                    | 129            |
| Electric space heater . . . . .                                                             | 4,358                                 | 29                                          | 287                                   | 959                       | 701      | 476                                     | 1,254                     | 816            | 947     | 1,345  | 1,250 | 1,853           | 1,710                  | 795            |
| Outdoor wood fire broiler . . . . .                                                         | 21                                    | Z                                           | 5                                     | Z                         | 1        | 2                                       | 8                         | 7              | 5       | 8      | 1     | 1               | 8                      | 12             |
| Safety Equipment                                                                            |                                       |                                             |                                       |                           |          |                                         |                           |                |         |        |       |                 |                        |                |
| Smoke detectors:                                                                            |                                       |                                             |                                       |                           |          |                                         |                           |                |         |        |       |                 |                        |                |
| Working smoke detector . . . . .                                                            | 35,932                                | 650                                         | 1,289                                 | 7,471                     | 6,547    | 4,438                                   | 10,042                    | 7,141          | 7,218   | 12,119 | 9,455 | 15,361          | 15,115                 | 5,456          |
| Powered by:                                                                                 |                                       |                                             |                                       |                           |          |                                         |                           |                |         |        |       |                 |                        |                |
| Electricity . . . . .                                                                       | 2,661                                 | 68                                          | 97                                    | 499                       | 508      | 591                                     | 761                       | 618            | 446     | 924    | 673   | 1,168           | 1,167                  | 326            |
| Batteries . . . . .                                                                         | 24,092                                | 218                                         | 855                                   | 5,344                     | 4,795    | 2,620                                   | 6,964                     | 4,867          | 5,110   | 7,867  | 6,248 | 10,620          | 9,673                  | 3,799          |
| Both . . . . .                                                                              | 8,290                                 | 321                                         | 326                                   | 1,490                     | 1,135    | 1,030                                   | 2,072                     | 1,488          | 1,505   | 3,040  | 2,257 | 3,213           | 3,825                  | 1,251          |
| Not reported . . . . .                                                                      | 890                                   | 42                                          | 11                                    | 138                       | 110      | 196                                     | 246                       | 168            | 157     | 288    | 277   | 360             | 450                    | 80             |
| No working smoke detector . . . . .                                                         | 2,242                                 | 9                                           | 166                                   | 413                       | 681      | 274                                     | 865                       | 359            | 308     | 1,062  | 514   | 896             | 859                    | 488            |
| Not reported. . . . .                                                                       | 641                                   | 15                                          | 57                                    | 148                       | 83       | 95                                      | 218                       | 86             | 125     | 284    | 147   | 245             | 277                    | 119            |
| Batteries replaced in last 6 months <sup>4</sup> . .                                        | 23,836                                | 387                                         | 887                                   | 5,151                     | 4,509    | 2,812                                   | 6,914                     | 4,974          | 4,949   | 7,929  | 5,984 | 10,021          | 10,030                 | 3,784          |
| Batteries not replaced in last<br>6 months <sup>4</sup> . . . . .                           | 7,154                                 | 124                                         | 262                                   | 1,454                     | 1,202    | 706                                     | 1,725                     | 1,158          | 1,342   | 2,506  | 2,148 | 3,216           | 2,869                  | 1,069          |
| Not reported <sup>4</sup> . . . . .                                                         | 1,393                                 | 28                                          | 32                                    | 229                       | 219      | 132                                     | 396                       | 223            | 325     | 471    | 374   | 596             | 599                    | 197            |
| Carbon monoxide detectors:                                                                  |                                       |                                             |                                       |                           |          |                                         |                           |                |         |        |       |                 |                        |                |
| Working carbon monoxide detector . .                                                        | 12,626                                | 229                                         | 320                                   | 2,801                     | 2,025    | 1,589                                   | 3,228                     | 4,529          | 3,030   | 2,438  | 2,629 | 5,699           | 5,182                  | 1,746          |
| Powered by:                                                                                 |                                       |                                             |                                       |                           |          |                                         |                           |                |         |        |       |                 |                        |                |
| Electricity . . . . .                                                                       | 1,805                                 | 36                                          | 41                                    | 337                       | 288      | 317                                     | 419                       | 506            | 556     | 367    | 375   | 743             | 806                    | 255            |
| Batteries . . . . .                                                                         | 7,470                                 | 72                                          | 199                                   | 1,833                     | 1,346    | 863                                     | 1,989                     | 2,970          | 1,646   | 1,350  | 1,504 | 3,618           | 2,866                  | 986            |
| Both . . . . .                                                                              | 3,105                                 | 108                                         | 78                                    | 601                       | 372      | 368                                     | 743                       | 966            | 770     | 676    | 692   | 1,209           | 1,411                  | 485            |
| Not reported . . . . .                                                                      | 247                                   | 13                                          | 3                                     | 30                        | 19       | 41                                      | 77                        | 87             | 57      | 45     | 57    | 129             | 98                     | 19             |
| No working carbon monoxide<br>detector . . . . .                                            | 24,248                                | 363                                         | 1,139                                 | 4,891                     | 4,984    | 2,895                                   | 7,365                     | 2,674          | 4,228   | 10,388 | 6,958 | 10,000          | 10,184                 | 4,064          |
| Not reported. . . . .                                                                       | 1,941                                 | 81                                          | 53                                    | 340                       | 303      | 324                                     | 532                       | 382            | 392     | 639    | 529   | 803             | 885                    | 253            |
| Batteries replaced in last 6 months <sup>4</sup> . .                                        | 8,526                                 | 138                                         | 207                                   | 1,971                     | 1,431    | 1,011                                   | 2,204                     | 3,230          | 1,959   | 1,631  | 1,705 | 3,886           | 3,485                  | 1,155          |
| Batteries not replaced in last<br>6 months <sup>4</sup> . . . . .                           | 1,795                                 | 33                                          | 63                                    | 420                       | 238      | 199                                     | 466                       | 613            | 402     | 346    | 435   | 849             | 657                    | 290            |
| Not reported <sup>4</sup> . . . . .                                                         | 254                                   | 9                                           | 6                                     | 43                        | 48       | 22                                      | 63                        | 93             | 54      | 49     | 57    | 92              | 135                    | 27             |
| Fire extinguisher purchased or<br>recharged in the last 2 years. . . . .                    | 13,501                                | 255                                         | 591                                   | 2,669                     | 2,035    | 1,566                                   | 3,484                     | 2,437          | 2,653   | 5,252  | 3,160 | 5,183           | 5,990                  | 2,328          |
| Sprinkler system inside home . . . . .                                                      | 3,666                                 | 358                                         | 6                                     | 746                       | 495      | 856                                     | 967                       | 612            | 618     | 1,340  | 1,095 | 1,788           | 1,635                  | 243            |
| Extension Cords                                                                             |                                       |                                             |                                       |                           |          |                                         |                           |                |         |        |       |                 |                        |                |
| Extension cords used . . . . .                                                              | 22,417                                | 318                                         | 764                                   | 4,979                     | 4,185    | 2,560                                   | 6,387                     | 4,740          | 4,463   | 7,137  | 6,077 | 10,127          | 9,133                  | 3,157          |
| Extension cords are cracked or worn.<br>Extension cords are not cracked or<br>worn. . . . . | 1,175                                 | 8                                           | 23                                    | 220                       | 309      | 141                                     | 396                       | 313            | 228     | 293    | 341   | 565             | 490                    | 119            |
| Not reported. . . . .                                                                       | 21,220                                | 311                                         | 741                                   | 4,753                     | 3,873    | 2,415                                   | 5,985                     | 4,422          | 4,229   | 6,837  | 5,732 | 9,554           | 8,635                  | 3,032          |
| Not reported. . . . .                                                                       | 23                                    | Z                                           | 1                                     | 7                         | 3        | 4                                       | 6                         | 5              | 6       | 8      | 5     | 9               | 8                      | 6              |
| Extension cords not used . . . . .                                                          | 15,630                                | 338                                         | 709                                   | 2,850                     | 3,026    | 2,140                                   | 4,481                     | 2,703          | 3,031   | 6,011  | 3,884 | 6,080           | 6,764                  | 2,786          |
| Not reported . . . . .                                                                      | 769                                   | 17                                          | 39                                    | 204                       | 100      | 108                                     | 257                       | 142            | 155     | 316    | 155   | 295             | 354                    | 120            |
| Pool Safety                                                                                 |                                       |                                             |                                       |                           |          |                                         |                           |                |         |        |       |                 |                        |                |
| Pool on property . . . . .                                                                  | 8,401                                 | 252                                         | 115                                   | 1,796                     | 1,629    | 686                                     | 1,766                     | 627            | 1,146   | 3,857  | 2,771 | 3,405           | 4,608                  | 388            |
| With fence completely surrounding<br>pool <sup>5</sup> . . . . .                            | 908                                   | 26                                          | 72                                    | 139                       | 164      | 83                                      | 136                       | 84             | 82      | 393    | 348   | 286             | 549                    | 73             |
| Without fence completely surrounding<br>pool <sup>5</sup> . . . . .                         | 317                                   | 1                                           | 42                                    | 34                        | 65       | 18                                      | 106                       | 17             | 52      | 149    | 99    | 101             | 156                    | 60             |
| Fence not reported <sup>5</sup> . . . . .                                                   | 20                                    | Z                                           | Z                                     | 3                         | Z        | 2                                       | 10                        | 3              | 2       | 7      | 8     | 8               | 9                      | 3              |
| No pool on property . . . . .                                                               | 29,968                                | 410                                         | 1,372                                 | 6,133                     | 5,624    | 4,056                                   | 9,197                     | 6,880          | 6,399   | 9,446  | 7,242 | 12,919          | 11,453                 | 5,596          |
| Not reported . . . . .                                                                      | 447                                   | 11                                          | 26                                    | 104                       | 58       | 67                                      | 163                       | 78             | 106     | 161    | 102   | 178             | 190                    | 78             |

See footnotes at end of table.

Table S-01-RO.

**Health and Safety Characteristics—Renter-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                                  | Total<br>renter-<br>occu-<br>pied<br>units | Housing unit<br>characteristics             |                                       | Household characteristics |          |                                         |                           | Regions        |         |        |       | Inside MSA      |                        | Outside<br>MSA |  |
|------------------------------------------------------------------|--------------------------------------------|---------------------------------------------|---------------------------------------|---------------------------|----------|-----------------------------------------|---------------------------|----------------|---------|--------|-------|-----------------|------------------------|----------------|--|
|                                                                  |                                            | New<br>con-<br>struction<br>past 4<br>years | Manu-<br>factured/<br>mobile<br>homes | Black<br>alone            | Hispanic | Elderly<br>(65<br>years<br>and<br>over) | Below<br>poverty<br>level | North-<br>east | Midwest | South  | West  | Central<br>city | Not<br>central<br>city |                |  |
|                                                                  |                                            |                                             |                                       |                           |          |                                         |                           |                |         |        |       |                 |                        |                |  |
| <b>Mold</b>                                                      |                                            |                                             |                                       |                           |          |                                         |                           |                |         |        |       |                 |                        |                |  |
| Housing units with mold in last 12 months <sup>2</sup> . . . . . | 2,008                                      | 7                                           | 85                                    | 481                       | 469      | 120                                     | 724                       | 550            | 331     | 603    | 524   | 957             | 788                    | 263            |  |
| Kitchen . . . . .                                                | 356                                        | 2                                           | 20                                    | 91                        | 72       | 20                                      | 133                       | 83             | 56      | 114    | 103   | 174             | 136                    | 46             |  |
| Bathroom(s) . . . . .                                            | 1,141                                      | 3                                           | 47                                    | 283                       | 306      | 61                                      | 420                       | 320            | 140     | 328    | 352   | 590             | 403                    | 148            |  |
| Bedroom(s) . . . . .                                             | 506                                        | Z                                           | 44                                    | 108                       | 141      | 26                                      | 206                       | 123            | 65      | 136    | 182   | 243             | 207                    | 56             |  |
| Living room . . . . .                                            | 300                                        | Z                                           | 19                                    | 76                        | 65       | 25                                      | 124                       | 71             | 41      | 111    | 77    | 130             | 131                    | 39             |  |
| Basement . . . . .                                               | 207                                        | Z                                           | Z                                     | 46                        | 8        | 11                                      | 75                        | 67             | 91      | 33     | 17    | 62              | 86                     | 59             |  |
| Other room . . . . .                                             | 200                                        | 2                                           | 15                                    | 39                        | 37       | 13                                      | 72                        | 54             | 44      | 71     | 31    | 73              | 96                     | 30             |  |
| Mold not present . . . . .                                       | 36,163                                     | 650                                         | 1,389                                 | 7,397                     | 6,741    | 4,606                                   | 10,178                    | 6,932          | 7,169   | 12,613 | 9,450 | 15,289          | 15,177                 | 5,697          |  |
| Not reported . . . . .                                           | 645                                        | 16                                          | 38                                    | 155                       | 101      | 82                                      | 224                       | 103            | 151     | 249    | 141   | 256             | 286                    | 102            |  |
| <b>Musty Smells</b>                                              |                                            |                                             |                                       |                           |          |                                         |                           |                |         |        |       |                 |                        |                |  |
| Housing units with musty smells in last 12 months . . . . .      | 6,909                                      | 65                                          | 292                                   | 1,350                     | 1,244    | 733                                     | 2,243                     | 1,327          | 1,511   | 2,385  | 1,687 | 3,047           | 2,749                  | 1,114          |  |
| Daily . . . . .                                                  | 1,040                                      | 7                                           | 36                                    | 228                       | 199      | 77                                      | 410                       | 254            | 188     | 340    | 258   | 470             | 372                    | 198            |  |
| Weekly . . . . .                                                 | 2,867                                      | 41                                          | 135                                   | 546                       | 503      | 369                                     | 899                       | 505            | 590     | 1,103  | 669   | 1,225           | 1,214                  | 428            |  |
| Monthly . . . . .                                                | 306                                        | Z                                           | 10                                    | 66                        | 56       | 28                                      | 123                       | 59             | 64      | 100    | 84    | 145             | 118                    | 44             |  |
| A few times . . . . .                                            | 2,696                                      | 17                                          | 110                                   | 511                       | 486      | 258                                     | 811                       | 509            | 668     | 842    | 676   | 1,207           | 1,045                  | 444            |  |
| Musty smells not present . . . . .                               | 31,280                                     | 591                                         | 1,187                                 | 6,535                     | 5,974    | 3,996                                   | 8,680                     | 6,148          | 6,005   | 10,830 | 8,297 | 13,204          | 13,222                 | 4,854          |  |
| Not reported . . . . .                                           | 626                                        | 16                                          | 33                                    | 148                       | 94       | 80                                      | 203                       | 110            | 134     | 250    | 131   | 251             | 281                    | 94             |  |

<sup>1</sup> Asked only of non-smoker households reporting "no visitors smoke."<sup>2</sup> Figures may not add to total because more than one category may apply to a unit.<sup>3</sup> Asked only of households with children younger than 5 years of age.<sup>4</sup> Restricted to units with detector powered by both electricity and batteries, or batteries only.<sup>5</sup> Asked only of detached/attached single units and mobile homes. Fence only counted if it is at least 4 feet tall with a gate that closes and locks automatically.

Table S-02-RO.

**Disabilities and Home Accessibility—Renter-Occupied Units**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                           | Total renter-occupied units | Housing unit characteristics  |                           | Household characteristics |              |                             |                     | Regions      |              |               |               | Inside MSA    |                  | Outside MSA  |
|-----------------------------------------------------------|-----------------------------|-------------------------------|---------------------------|---------------------------|--------------|-----------------------------|---------------------|--------------|--------------|---------------|---------------|---------------|------------------|--------------|
|                                                           |                             | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic     | Elderly (65 years and over) | Below poverty level | North-east   | Midwest      | South         | West          | Central city  | Not central city |              |
| <b>Total</b> .....                                        | <b>38,816</b>               | <b>673</b>                    | <b>1,512</b>              | <b>8,033</b>              | <b>7,311</b> | <b>4,808</b>                | <b>11,126</b>       | <b>7,585</b> | <b>7,650</b> | <b>13,465</b> | <b>10,115</b> | <b>16,502</b> | <b>16,251</b>    | <b>6,062</b> |
| <b>Hearing Disabilities</b>                               |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| With hearing disability .....                             | 1,580                       | 24                            | 86                        | 225                       | 208          | 663                         | 529                 | 312          | 314          | 558           | 396           | 622           | 645              | 313          |
| No hearing disability .....                               | 36,540                      | 632                           | 1,402                     | 7,647                     | 7,024        | 4,015                       | 10,379              | 7,160        | 7,212        | 12,592        | 9,577         | 15,615        | 15,292           | 5,633        |
| Not reported .....                                        | 697                         | 17                            | 25                        | 161                       | 79           | 130                         | 218                 | 114          | 125          | 315           | 143           | 266           | 314              | 117          |
| <b>Vision Disabilities</b>                                |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| With vision disability .....                              | 1,392                       | 21                            | 104                       | 338                       | 225          | 455                         | 585                 | 291          | 254          | 515           | 332           | 590           | 545              | 257          |
| No vision disability .....                                | 36,725                      | 632                           | 1,382                     | 7,528                     | 7,005        | 4,220                       | 10,320              | 7,179        | 7,267        | 12,641        | 9,638         | 15,645        | 15,391           | 5,690        |
| Not reported .....                                        | 699                         | 21                            | 26                        | 166                       | 81           | 133                         | 220                 | 116          | 129          | 309           | 145           | 268           | 316              | 115          |
| <b>Mental Disabilities<sup>1</sup></b>                    |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| With mental disability .....                              | 2,656                       | 51                            | 144                       | 545                       | 400          | 539                         | 1,293               | 519          | 573          | 904           | 660           | 1,038         | 1,051            | 567          |
| No mental disability .....                                | 35,492                      | 607                           | 1,343                     | 7,333                     | 6,841        | 4,129                       | 9,631               | 6,955        | 6,941        | 12,279        | 9,317         | 15,200        | 14,908           | 5,383        |
| Not reported .....                                        | 669                         | 15                            | 25                        | 155                       | 70           | 139                         | 202                 | 111          | 136          | 282           | 139           | 264           | 292              | 112          |
| <b>Physical Disabilities<sup>1</sup></b>                  |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| With physical disability .....                            | 4,346                       | 64                            | 231                       | 954                       | 539          | 1,682                       | 1,860               | 999          | 934          | 1,401         | 1,012         | 1,831         | 1,653            | 861          |
| No physical disability .....                              | 33,819                      | 594                           | 1,256                     | 6,929                     | 6,710        | 2,986                       | 9,073               | 6,477        | 6,591        | 11,784        | 8,967         | 14,420        | 14,310           | 5,089        |
| Not reported .....                                        | 651                         | 15                            | 25                        | 150                       | 62           | 141                         | 192                 | 109          | 126          | 280           | 136           | 251           | 288              | 112          |
| <b>Self-Care Disabilities<sup>1</sup></b>                 |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| With self-care disability .....                           | 1,157                       | 8                             | 57                        | 287                       | 190          | 397                         | 541                 | 234          | 223          | 367           | 333           | 509           | 439              | 209          |
| No self-care disability .....                             | 36,994                      | 650                           | 1,429                     | 7,586                     | 7,051        | 4,273                       | 10,390              | 7,239        | 7,300        | 12,814        | 9,641         | 15,740        | 15,510           | 5,744        |
| Not reported .....                                        | 665                         | 15                            | 25                        | 160                       | 70           | 137                         | 194                 | 113          | 127          | 284           | 141           | 253           | 302              | 109          |
| <b>Go-Outside-Home Disabilities<sup>1</sup></b>           |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| With go-outside-home disability .....                     | 2,488                       | 25                            | 150                       | 502                       | 326          | 971                         | 1,130               | 566          | 534          | 805           | 584           | 995           | 992              | 500          |
| No go-outside-home disability .....                       | 35,723                      | 633                           | 1,332                     | 7,390                     | 6,924        | 3,701                       | 9,827               | 6,918        | 6,994        | 12,403        | 9,408         | 15,286        | 14,982           | 5,455        |
| Not reported .....                                        | 605                         | 15                            | 30                        | 141                       | 61           | 136                         | 169                 | 102          | 122          | 257           | 124           | 221           | 277              | 107          |
| <b>Motor Skill Problems Reported<sup>2,3</sup></b>        |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Stooping or kneeling .....                                | 3,777                       | 47                            | 211                       | 775                       | 507          | 1,453                       | 1,617               | 813          | 808          | 1,232         | 924           | 1,512         | 1,470            | 794          |
| Reaching above head .....                                 | 1,583                       | 21                            | 74                        | 346                       | 238          | 592                         | 718                 | 329          | 316          | 528           | 410           | 656           | 582              | 345          |
| Grasping objects .....                                    | 1,338                       | 20                            | 76                        | 298                       | 197          | 455                         | 576                 | 253          | 282          | 460           | 343           | 530           | 505              | 303          |
| <b>Mobility Devices</b>                                   |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Mobility device used <sup>2</sup> .....                   | 4,134                       | 68                            | 197                       | 940                       | 571          | 1,579                       | 1,569               | 881          | 857          | 1,331         | 1,065         | 1,702         | 1,718            | 714          |
| Manually operated wheelchair .....                        | 566                         | 12                            | 38                        | 139                       | 68           | 276                         | 223                 | 127          | 95           | 205           | 139           | 223           | 244              | 99           |
| Motorized wheelchair, cart, or scooter .....              | 1,256                       | 27                            | 49                        | 277                       | 210          | 226                         | 377                 | 164          | 262          | 454           | 376           | 489           | 549              | 218          |
| Chairlift .....                                           | 77                          | 2                             | 5                         | 16                        | 5            | 42                          | 21                  | 18           | 19           | 21            | 19            | 22            | 32               | 23           |
| Crutches .....                                            | 183                         | 6                             | 6                         | 53                        | 37           | 36                          | 90                  | 31           | 38           | 52            | 63            | 94            | 56               | 33           |
| Cane or walker .....                                      | 2,609                       | 47                            | 128                       | 601                       | 319          | 1,316                       | 1,048               | 626          | 551          | 796           | 635           | 1,105         | 1,049            | 454          |
| Other .....                                               | 279                         | Z                             | 1                         | 65                        | 38           | 47                          | 100                 | 61           | 66           | 82            | 70            | 120           | 116              | 43           |
| Mobility device not used .....                            | 34,007                      | 589                           | 1,284                     | 6,925                     | 6,657        | 3,098                       | 9,332               | 6,594        | 6,668        | 11,851        | 8,894         | 14,553        | 14,217           | 5,237        |
| Not reported .....                                        | 675                         | 17                            | 31                        | 167                       | 83           | 131                         | 225                 | 110          | 125          | 283           | 157           | 248           | 316              | 111          |
| <b>Home Accessibility Problems Reported<sup>2,3</sup></b> |                             |                               |                           |                           |              |                             |                     |              |              |               |               |               |                  |              |
| Reaching kitchen cabinets .....                           | 2,167                       | 27                            | 92                        | 377                       | 393          | 680                         | 821                 | 442          | 472          | 655           | 598           | 945           | 871              | 351          |
| Opening kitchen cabinets .....                            | 864                         | 10                            | 64                        | 179                       | 181          | 307                         | 322                 | 184          | 132          | 304           | 244           | 411           | 333              | 119          |
| Use of kitchen counters .....                             | 332                         | 3                             | 15                        | 74                        | 73           | 159                         | 131                 | 79           | 48           | 120           | 84            | 170           | 122              | 39           |
| Use of stove .....                                        | 469                         | 3                             | 29                        | 107                       | 97           | 175                         | 193                 | 104          | 78           | 171           | 116           | 213           | 188              | 69           |
| Getting to the bathroom .....                             | 488                         | 12                            | 15                        | 117                       | 97           | 213                         | 210                 | 131          | 73           | 174           | 109           | 245           | 160              | 83           |
| Turning faucets on and off .....                          | 320                         | 3                             | 10                        | 83                        | 60           | 139                         | 128                 | 85           | 49           | 110           | 77            | 158           | 113              | 50           |
| Using the sink .....                                      | 300                         | 8                             | 19                        | 79                        | 69           | 123                         | 125                 | 77           | 44           | 104           | 75            | 153           | 102              | 44           |
| Getting into or out of the bathtub .....                  | 1,416                       | 13                            | 61                        | 344                       | 206          | 608                         | 618                 | 316          | 261          | 484           | 355           | 603           | 532              | 282          |
| Getting into or out of the walk-in shower .....           | 808                         | 7                             | 39                        | 209                       | 153          | 346                         | 356                 | 202          | 139          | 257           | 210           | 381           | 287              | 139          |

See footnotes at end of table.

Table S-02-RO.

**Disabilities and Home Accessibility—Renter-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                     | Total renter-occupied units | Housing unit characteristics  |                           | Household characteristics |          |                             |                     | Regions    |         |       |       | Inside MSA   |                  | Outside MSA |
|-----------------------------------------------------|-----------------------------|-------------------------------|---------------------------|---------------------------|----------|-----------------------------|---------------------|------------|---------|-------|-------|--------------|------------------|-------------|
|                                                     |                             | New construction past 4 years | Manufactured/mobile homes | Black alone               | Hispanic | Elderly (65 years and over) | Below poverty level | North-east | Midwest | South | West  | Central city | Not central city |             |
| Accessibility Features in Home <sup>2</sup>         |                             |                               |                           |                           |          |                             |                     |            |         |       |       |              |                  |             |
| Ramps . . . . .                                     | 192                         | 6                             | Z                         | 48                        | 18       | 59                          | 83                  | 47         | 67      | 40    | 37    | 107          | 57               | 28          |
| In use due to a physical limitation . . .           | 32                          | Z                             | Z                         | 12                        | 1        | 18                          | 20                  | 10         | 9       | 9     | 3     | 14           | 14               | 4           |
| Not in use due to a physical limitation . . . . .   | 160                         | 5                             | Z                         | 36                        | 17       | 41                          | 63                  | 37         | 58      | 31    | 34    | 93           | 43               | 24          |
| Extra wide doors or hallways <sup>4</sup> . . . . . | 2,463                       | 126                           | 47                        | 479                       | 276      | 799                         | 739                 | 472        | 564     | 838   | 589   | 966          | 972              | 526         |
| In use due to a physical limitation . . .           | 354                         | 14                            | 16                        | 74                        | 27       | 218                         | 140                 | 58         | 68      | 145   | 84    | 142          | 133              | 80          |
| Not in use due to a physical limitation . . . . .   | 2,109                       | 112                           | 31                        | 406                       | 249      | 580                         | 599                 | 414        | 497     | 693   | 505   | 824          | 839              | 446         |
| Floors with no steps between rooms . . .            | 27,414                      | 504                           | 1,088                     | 5,512                     | 4,884    | 3,569                       | 7,817               | 5,196      | 5,627   | 9,360 | 7,230 | 11,699       | 11,224           | 4,490       |
| In use due to a physical limitation . . .           | 1,447                       | 26                            | 76                        | 284                       | 191      | 614                         | 594                 | 260        | 340     | 486   | 361   | 583          | 573              | 290         |
| Not in use due to a physical limitation . . . . .   | 25,967                      | 477                           | 1,012                     | 5,227                     | 4,693    | 2,955                       | 7,223               | 4,936      | 5,288   | 8,874 | 6,869 | 11,116       | 10,651           | 4,200       |
| Elevators . . . . .                                 | 110                         | 2                             | Z                         | 23                        | 6        | 51                          | 51                  | 24         | 37      | 23    | 26    | 59           | 40               | 10          |
| In use due to a physical limitation . . .           | 33                          | Z                             | Z                         | 9                         | 1        | 25                          | 19                  | 11         | 11      | 8     | 3     | 18           | 12               | 2           |
| Not in use due to a physical limitation . . . . .   | 77                          | 2                             | Z                         | 13                        | 5        | 25                          | 31                  | 13         | 26      | 15    | 23    | 41           | 29               | 8           |
| Hand rails or grab bars on steps . . . . .          | 3,955                       | 68                            | Z                         | 892                       | 572      | 593                         | 1,164               | 983        | 1,026   | 1,063 | 882   | 1,675        | 1,712            | 568         |
| In use due to a physical limitation . . .           | 313                         | 1                             | Z                         | 68                        | 25       | 132                         | 136                 | 100        | 77      | 79    | 57    | 131          | 136              | 46          |
| Not in use due to a physical limitation . . . . .   | 3,642                       | 67                            | Z                         | 824                       | 547      | 461                         | 1,028               | 884        | 948     | 984   | 826   | 1,544        | 1,576            | 522         |
| Hand rails or grab bars in bathroom . . .           | 6,023                       | 118                           | 190                       | 1,119                     | 748      | 2,187                       | 1,993               | 1,281      | 1,406   | 1,776 | 1,560 | 2,351        | 2,452            | 1,220       |
| In use due to a physical limitation . . .           | 1,667                       | 30                            | 66                        | 336                       | 127      | 1,002                       | 670                 | 400        | 384     | 511   | 373   | 676          | 649              | 343         |
| Not in use due to a physical limitation . . . . .   | 4,356                       | 88                            | 125                       | 783                       | 620      | 1,185                       | 1,323               | 881        | 1,022   | 1,266 | 1,187 | 1,676        | 1,803            | 877         |
| Hand rails or grab bars in other areas . .          | 567                         | 9                             | 20                        | 129                       | 69       | 227                         | 205                 | 133        | 126     | 188   | 121   | 238          | 245              | 84          |
| In use due to a physical limitation . . .           | 139                         | Z                             | 8                         | 26                        | 17       | 78                          | 59                  | 34         | 22      | 41    | 42    | 55           | 62               | 22          |
| Not in use due to a physical limitation . . . . .   | 428                         | 9                             | 12                        | 103                       | 52       | 149                         | 146                 | 99         | 104     | 147   | 79    | 183          | 183              | 63          |
| Entry level bedroom <sup>5</sup> . . . . .          | 17,640                      | 387                           | Z                         | 3,815                     | 2,983    | 2,445                       | 4,866               | 4,463      | 4,282   | 4,780 | 4,115 | 8,514        | 7,070            | 2,056       |
| In use due to a physical limitation . . .           | 858                         | 26                            | Z                         | 185                       | 117      | 355                         | 337                 | 204        | 228     | 250   | 174   | 409          | 326              | 122         |
| Not in use due to a physical limitation . . . . .   | 16,782                      | 361                           | Z                         | 3,630                     | 2,866    | 2,090                       | 4,530               | 4,259      | 4,053   | 4,530 | 3,941 | 8,104        | 6,744            | 1,934       |
| Entry level bathroom <sup>5</sup> . . . . .         | 20,410                      | 450                           | Z                         | 4,358                     | 3,339    | 2,652                       | 5,392               | 5,079      | 4,890   | 5,551 | 4,890 | 9,649        | 8,387            | 2,374       |
| In use due to a physical limitation . . .           | 888                         | 25                            | Z                         | 192                       | 109      | 365                         | 342                 | 212        | 230     | 259   | 188   | 412          | 351              | 125         |
| Not in use due to a physical limitation . . . . .   | 19,521                      | 425                           | Z                         | 4,166                     | 3,230    | 2,287                       | 5,050               | 4,867      | 4,660   | 5,292 | 4,702 | 9,236        | 8,036            | 2,249       |
| Built-in seats in shower . . . . .                  | 1,503                       | 31                            | 89                        | 220                       | 173      | 658                         | 451                 | 220        | 322     | 510   | 451   | 551          | 629              | 323         |
| In use due to a physical limitation . . .           | 444                         | 7                             | 23                        | 69                        | 56       | 305                         | 172                 | 92         | 73      | 146   | 133   | 174          | 163              | 107         |
| Not in use due to a physical limitation . . . . .   | 1,059                       | 24                            | 67                        | 152                       | 117      | 352                         | 279                 | 129        | 250     | 363   | 318   | 378          | 466              | 216         |
| Raised toilets . . . . .                            | 1,405                       | 36                            | 105                       | 298                       | 142      | 668                         | 497                 | 255        | 354     | 523   | 273   | 483          | 633              | 289         |
| In use due to a physical limitation . . .           | 575                         | 10                            | 52                        | 130                       | 57       | 385                         | 249                 | 110        | 136     | 217   | 112   | 203          | 247              | 125         |
| Not in use due to a physical limitation . . . . .   | 830                         | 26                            | 53                        | 167                       | 85       | 284                         | 248                 | 145        | 218     | 307   | 161   | 280          | 386              | 164         |
| Handles on doors instead of knobs . . . .           | 3,216                       | 228                           | 67                        | 531                       | 397      | 886                         | 900                 | 500        | 727     | 872   | 1,117 | 1,336        | 1,386            | 495         |
| In use due to a physical limitation . . .           | 338                         | 16                            | 3                         | 50                        | 27       | 219                         | 141                 | 55         | 94      | 99    | 91    | 127          | 144              | 67          |
| Not in use due to a physical limitation . . . . .   | 2,878                       | 212                           | 63                        | 481                       | 370      | 667                         | 760                 | 446        | 633     | 773   | 1,026 | 1,209        | 1,241            | 428         |
| Handles or levers on sinks . . . . .                | 7,865                       | 306                           | 170                       | 1,120                     | 962      | 1,478                       | 1,906               | 1,248      | 1,869   | 2,132 | 2,616 | 3,117        | 3,420            | 1,328       |
| In use due to a physical limitation . . .           | 452                         | 17                            | 29                        | 74                        | 31       | 274                         | 183                 | 85         | 116     | 131   | 120   | 168          | 199              | 84          |
| Not in use due to a physical limitation . . . . .   | 7,413                       | 289                           | 141                       | 1,046                     | 931      | 1,204                       | 1,723               | 1,163      | 1,753   | 2,000 | 2,496 | 2,949        | 3,221            | 1,243       |
| Roll-out trays or lazy susans in cabinets           | 2,999                       | 102                           | 64                        | 366                       | 392      | 517                         | 614                 | 593        | 808     | 644   | 954   | 1,012        | 1,387            | 601         |
| In use due to a physical limitation . . .           | 147                         | 6                             | 9                         | 18                        | 11       | 65                          | 43                  | 20         | 40      | 43    | 43    | 50           | 53               | 43          |
| Not in use due to a physical limitation . . . . .   | 2,853                       | 96                            | 54                        | 348                       | 381      | 452                         | 571                 | 572        | 769     | 600   | 911   | 962          | 1,333            | 557         |
| See footnotes at end of table.                      |                             |                               |                           |                           |          |                             |                     |            |         |       |       |              |                  |             |

See footnotes at end of table.

Table S-02-RO.

**Disabilities and Home Accessibility—Renter-Occupied Units—Con.**[Numbers in thousands, except as indicated. **Weighting consistent with Census 2010.** X not applicable; Z represents or rounds to zero. See Appendix A for definitions]

| Characteristics                                             | Total<br>renter-<br>occu-<br>pied<br>units | Housing unit<br>characteristics             |                                       | Household characteristics |          |                                         |                           | Regions        |         |       |       | Inside MSA      |                        | Outside<br>MSA |
|-------------------------------------------------------------|--------------------------------------------|---------------------------------------------|---------------------------------------|---------------------------|----------|-----------------------------------------|---------------------------|----------------|---------|-------|-------|-----------------|------------------------|----------------|
|                                                             |                                            | New<br>con-<br>struction<br>past 4<br>years | Manu-<br>factured/<br>mobile<br>homes | Black<br>alone            | Hispanic | Elderly<br>(65<br>years<br>and<br>over) | Below<br>poverty<br>level | North-<br>east | Midwest | South | West  | Central<br>city | Not<br>central<br>city |                |
| <b>Wheelchair Accessible Features Available<sup>2</sup></b> |                                            |                                             |                                       |                           |          |                                         |                           |                |         |       |       |                 |                        |                |
| Electrical outlets .....                                    | 22,480                                     | 456                                         | 821                                   | 4,415                     | 3,865    | 3,006                                   | 6,223                     | 3,779          | 4,683   | 7,586 | 6,431 | 9,129           | 9,571                  | 3,780          |
| In use due to a physical limitation ...                     | 511                                        | 13                                          | 29                                    | 107                       | 58       | 231                                     | 227                       | 86             | 106     | 169   | 150   | 212             | 193                    | 106            |
| Not in use due to a physical limitation .....               | 21,970                                     | 443                                         | 792                                   | 4,308                     | 3,807    | 2,775                                   | 5,996                     | 3,694          | 4,577   | 7,417 | 6,282 | 8,917           | 9,378                  | 3,674          |
| Electrical switches .....                                   | 22,781                                     | 454                                         | 849                                   | 4,469                     | 3,843    | 3,063                                   | 6,296                     | 3,835          | 4,823   | 7,552 | 6,571 | 9,204           | 9,694                  | 3,882          |
| In use due to a physical limitation ...                     | 504                                        | 11                                          | 28                                    | 110                       | 58       | 224                                     | 213                       | 72             | 113     | 178   | 141   | 213             | 196                    | 95             |
| Not in use due to a physical limitation .....               | 22,277                                     | 443                                         | 821                                   | 4,359                     | 3,785    | 2,839                                   | 6,083                     | 3,763          | 4,710   | 7,374 | 6,430 | 8,992           | 9,498                  | 3,787          |
| Climate controls .....                                      | 16,643                                     | 381                                         | 606                                   | 3,212                     | 2,640    | 2,320                                   | 4,533                     | 2,544          | 3,733   | 5,559 | 4,807 | 6,599           | 7,169                  | 2,876          |
| In use due to a physical limitation ...                     | 368                                        | 10                                          | 20                                    | 69                        | 42       | 174                                     | 160                       | 49             | 77      | 135   | 106   | 140             | 154                    | 73             |
| Not in use due to a physical limitation .....               | 16,275                                     | 371                                         | 587                                   | 3,143                     | 2,598    | 2,146                                   | 4,373                     | 2,495          | 3,655   | 5,424 | 4,701 | 6,459           | 7,014                  | 2,802          |
| Kitchen cabinets .....                                      | 5,671                                      | 115                                         | 223                                   | 1,213                     | 1,128    | 912                                     | 1,860                     | 1,017          | 1,003   | 2,084 | 1,567 | 2,364           | 2,416                  | 891            |
| In use due to a physical limitation ...                     | 186                                        | 1                                           | 3                                     | 52                        | 19       | 78                                      | 90                        | 31             | 37      | 76    | 42    | 88              | 59                     | 38             |
| Not in use due to a physical limitation .....               | 5,485                                      | 113                                         | 220                                   | 1,161                     | 1,109    | 834                                     | 1,771                     | 986            | 966     | 2,008 | 1,525 | 2,276           | 2,357                  | 853            |
| Counter tops .....                                          | 18,084                                     | 364                                         | 696                                   | 3,700                     | 2,998    | 2,505                                   | 5,023                     | 3,111          | 3,747   | 6,117 | 5,109 | 7,418           | 7,594                  | 3,072          |
| In use due to a physical limitation ...                     | 373                                        | 9                                           | 20                                    | 85                        | 34       | 168                                     | 157                       | 46             | 67      | 152   | 108   | 156             | 137                    | 80             |
| Not in use due to a physical limitation .....               | 17,711                                     | 355                                         | 676                                   | 3,615                     | 2,964    | 2,337                                   | 4,866                     | 3,065          | 3,680   | 5,965 | 5,001 | 7,263           | 7,457                  | 2,992          |
| Other kitchen features .....                                | 10,647                                     | 210                                         | 394                                   | 2,115                     | 1,733    | 1,513                                   | 2,981                     | 1,761          | 2,164   | 3,636 | 3,086 | 4,334           | 4,421                  | 1,891          |
| In use due to a physical limitation ...                     | 291                                        | 4                                           | 20                                    | 58                        | 35       | 142                                     | 134                       | 48             | 43      | 125   | 74    | 116             | 114                    | 61             |
| Not in use due to a physical limitation .....               | 10,356                                     | 207                                         | 374                                   | 2,057                     | 1,699    | 1,372                                   | 2,847                     | 1,713          | 2,121   | 3,511 | 3,011 | 4,218           | 4,308                  | 1,830          |
| Bathrooms .....                                             | 14,097                                     | 341                                         | 518                                   | 2,848                     | 2,343    | 2,207                                   | 3,921                     | 2,263          | 2,911   | 4,792 | 4,131 | 5,649           | 6,133                  | 2,315          |
| In use due to a physical limitation ...                     | 452                                        | 15                                          | 27                                    | 99                        | 51       | 244                                     | 181                       | 81             | 91      | 170   | 112   | 185             | 174                    | 93             |
| Not in use due to a physical limitation .....               | 13,645                                     | 326                                         | 491                                   | 2,749                     | 2,292    | 1,963                                   | 3,739                     | 2,182          | 2,821   | 4,622 | 4,020 | 5,463           | 5,959                  | 2,222          |

<sup>1</sup> Mental, physical, and self-care disabilities are limited to household members at least 5 years of age. Go-outside-home disabilities are limited to household members at least 15 years of age.<sup>2</sup> Figures may not add to total because more than one category may apply to a unit.<sup>3</sup> Motor skill problems and home accessibility are only reported for household members at least 6 years of age.<sup>4</sup> Doors and hallways are considered "extra wide" if there is a clearance of 36 inches or more.<sup>5</sup> Includes only units with 2 or more floors.

# Appendix A.

## Definitions and Index for Table Numbers

---

The definitions and explanations given here apply to summary tables and are, to a considerable extent, drawn from the American Housing Survey (AHS) questionnaire, *Codebook for the American Housing Survey*, and the *AHS/CAPI Field Representative's Reference Manual*. The definitions are alphabetized as they appear in the summary table stub titles (in bold). Main entries have not been inverted as is common in indexes. For example, if you are looking for a definition of bathrooms, do not look under "B," but look under "C" because bathroom information is labeled as "complete bathrooms" in table C-02-AO. Individual row items (not in bold) can be found under their respective table stub titles (in bold). Some cross-references are provided. Reference locators at the bottom of each entry list the tables in which the item appears.

**Accessibility features in home.** This question is intended to gather information on modifications made to the respondent's home to accommodate individuals with physical disabilities (excludes those with temporary disabilities) and the elderly. (See also disabilities, home accessibility problems reported, mobility devices, wheelchair accessible features available.)

Tables: S-02-AO, S-02-OO, S-02-RO.

**Age of householder.** Refers to the age reported for the householder as of that person's last birthday. (See also householder, household composition.)

Tables: C-08-AO, C-08-OO, C-08-RO.

**Air conditioning.** Air conditioning is the cooling of air by a refrigeration unit. This definition excludes evaporative coolers, fans, or blowers that are not connected to a refrigeration unit.

*Central air conditioning.* A central system, which air conditions the entire housing unit or major portions of it. In an apartment building, a central system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems that provide central air conditioning for a group of apartments. A central installation with individual room controls is a central air-conditioning system.

*Additional central.* Refers to a second central air conditioning system (e.g., a dual zone heat pump system).

*Room (air conditioning) unit.* An individual air conditioner which is installed in a window or an outside wall and is

generally intended to cool one room, although it may be used to cool several rooms.

(See also central air conditioning fuel, other central air fuel, ENERGY STAR® rated appliances, systems and equipment.)

Tables: C-03-AH, C-03-AO, C-03-OO, C-03-RO, C-11-AO, C-11-OO, C-11-RO, C-12-AO, C-12-OO, C-12-RO.

**Annual taxes paid per \$1,000 value.** Real estate taxes paid per \$1,000 value of the house (and lot, except for manufactured/mobile homes). Medians for taxes per \$1,000 value are rounded to the nearest dollar. (See also monthly housing costs.)

Table: C-10-OO.

**Bedrooms.** The number of bedrooms in a housing unit includes those rooms that are used mainly for sleeping or designed to be a bedroom, even if used for other purposes. A room reserved only for sleeping, such as a guest room, even if used infrequently, is considered a bedroom. A room built as a bedroom, although not used for that purpose, such as a room meant to be a bedroom but used as a sewing room, is counted as a bedroom. On the other hand, a room designed and used mainly for other purposes, such as a den with a sleep sofa used mainly for watching television, is not considered a bedroom. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified by definition as having no bedroom. (See also rooms, persons per bedrooms.)

Tables: C-02-AH, C-02-AO, C-02-OO, C-02-RO, C-11-AO, C-11-OO, C-11-RO, C-12-AO, C-12-OO, C-12-RO.

**Below poverty level.** (See poverty status.)

**Black alone.** (See race and Hispanic origin.)

**Building and ground maintenance.** Renters were asked their level of satisfaction with the maintenance of the grounds and building in which they lived. The responses could have been "completely satisfied," "partly satisfied," "dissatisfied," or "landlord not responsible for ground maintenance." (See also renter maintenance quality.)

Table: C-17-RO.

**Cash received in primary mortgage refinance.** An owner can receive cash from a mortgage lender by refinancing the primary mortgage. This increases the outstanding balance of the loan. The cash the respondent receives includes payments that the lender made on the

owner's behalf. For example, a respondent takes out a mortgage that increases the outstanding principal balance by \$25,000. Out of that \$25,000, the lender sends a \$15,000 check to a hospital to pay the respondent's medical bills and the lender gives the respondent a check for the remaining \$10,000. As a result of the refinancing, the respondent would receive a total of \$25,000. (See also primary mortgage refinancing solicitation, percent of primary mortgage refinanced cash used for home additions, improvements, or repairs.)

Table: C-14B-OO.

**Census regions and divisions.** States and the District of Columbia contained in each region are as follows:

*Northeast.* The Northeast region is comprised of two Census Divisions—New England and Middle Atlantic, as well as the following states: Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, Pennsylvania, and New Jersey.

*Midwest.* The Midwest region is comprised of two Census Divisions—East North Central and West North Central, as well as the following states: Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri, Kansas, Nebraska, North Dakota, and South Dakota.

*South.* The South region is comprised of three Census Divisions—South Atlantic, East South Central, and West South Central, as well as the following states: Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Tennessee, Kentucky, Arkansas, Louisiana, Oklahoma, and Texas.

*West.* The West region is comprised of two Census Divisions—Mountain and Pacific, as well as the following states: Montana, Wyoming, Colorado, New Mexico, Arizona, Utah, Idaho, Alaska, Washington, Oregon, Nevada, California, and Hawaii.

**Central air conditioning fuel.** (See fuels.)

Tables: C-03-AH, C-03-AO, C-03-OO, C-03-RO.

**Central city.** Since 1985, the National AHS has used the official list of central cities published on June 27, 1983, by the Office of Management and Budget as OMB Bulletin 83-20. That list was developed from definitions published January 3, 1980, in the Federal Register, Volume 45, and pages 956–963. AHS still uses these 1983 boundaries for data in the microdata files to measure change consistently over time. However, AHS uses the 1990 census-based geography for the data in the 2009 national publication.

Most metropolitan statistical areas had at least one central city, which was usually its largest city. In addition, any city with at least 250,000 population or at least 100,000 people working within its corporate limits qualified as a

central city. Smaller cities were also identified as central cities if they had a population of at least 25,000 and (1) had at least 75 jobs for each 100 residents who were employed, and (2) 60 percent or fewer of the city's resident workers commuted to jobs outside the city. Finally, in certain smaller metropolitan statistical areas, there were places with between 15,000 and 25,000 population that also qualified as central cities because they were at least one-third the size of the metropolitan statistical area's largest city and met the two commuting requirements. (See also metropolitan area [MSA].)

**Change in housing costs.** For the householder and those who moved with the householder, a comparison is made between the share of the housing costs paid in the previous unit and the share paid in the present residence. Housing costs include mortgage and rent payment, real estate taxes, insurance, utilities, land rent, and mobile home park fees.

Tables: C-06-AO, C-06-OO, C-06-RO.

**Child health and safety.** For households in which children under 5 years of age live in or regularly visit. Respondents were asked if all, some, or none of the electrical outlets in their homes had child tamper-resistant outlet covers and if stairs had gates, if stairs were present. They were also asked if all, some, or none of their chemicals, pesticides, cleaning supplies, and medicines were stored out of reach of children.

For households with children 6 to 17 years of age, respondents were asked: (1) if they had ever been told by a doctor or other health professional that any of the children living in the home had asthma; (2) if during the past 12 months any of the children living in the home had to visit an emergency room because of asthma (for multiple children in the home with asthma the question is only asked of the youngest child); and (3) if during the last 12 months any of the children living in the home had taken daily medicines for asthma to prevent symptoms (for multiple children in the home with asthma the question is only asked of the youngest child).

Tables: S-01-AO, S-01-OO, S-01-RO.

**Choice of present home.** These data represent units where the respondent moved from within the United States during the 12 months prior to the interview. The respondent was asked: (1) the reasons he/she chose the present home and (2) the main reason the present home was chosen. The distribution for choice of present home may not add to the total because the respondent was not limited to one response. (See also reasons for leaving previous residence, home search, how respondent found current unit, recent mover comparison to previous home.)

Tables: C-07-AO, C-07-OO, C-07-RO.

**Choice of present neighborhood.** These data are shown for units where the respondent moved from within the United States during the 12 months prior to the interview. The respondent was asked: (1) the reasons he/she chose the present neighborhood, and (2) the main reason the present neighborhood was chosen. The distribution for choice of present neighborhood may not add to the total because the respondent was not limited to one response. (See also neighborhood search, choice of present neighborhood, main reason for choice of present neighborhood, recent mover comparison to previous neighborhood.)

Tables: C-07-AO, C-07-OO, C-07-RO.

**Citizenship of householder.** Place of birth was asked for each householder and every household member. There are five categories of citizenship status: (1) born in the United States, (2) born in Puerto Rico or another U.S. outlying area, (3) born abroad of U.S. citizen parents, (4) naturalized citizens, or (5) noncitizens. People born in the United States are citizens at birth. (See also year householder immigrated to the United States, householder.)

Tables: C-08-AO, C-08-OO, C-08-RO.

**Clothes dryer fuel.** (See fuels.)

Tables: C-03-AH, C-03-AO, C-03-OO, C-03-RO.

**Complete bathrooms.** A housing unit is classified as having a complete bathroom if it has a room or adjoining areas with a flush toilet, bathtub or shower, sink, and hot- and cold-piped water. A half bathroom has hot- and cold-piped water and either a flush toilet or a bathtub or shower, but does not have all the facilities for a complete bathroom. (See also accessibility features in home, flush toilet breakdowns, remodeling, room additions and renovations, rooms.)

Tables: C-02-AH, C-02-AO, C-02-OO, C-02-RO, C-11-AO, C-11-OO, C-11-RO, C-12-AO, C-12-OO, C-12-RO.

**Condominium and cooperative fee.** A condominium fee is charged to the owners of the individual condominium unit on a regular basis. The fee covers operating and maintenance costs of the common property (e.g., halls, lobby, parking areas, laundry room, swimming pool; as well as related administrative costs, such as utilities billed communally and management fees).

A cooperative maintenance fee (also called carrying charge) is a fee charged to the owners of the cooperative on a regular basis. It covers a share of the annual amount paid by the cooperative for real estate taxes, mortgage interest, and operating cost. In the publications, medians for condominium fees and cooperative fees are rounded to the nearest dollar. (See also cooperatives and condominiums, monthly housing costs.)

Table: C-10-OO.

**Cooking fuel.** (See fuels.)

Tables: C-03-AH, C-03-AO, C-03-OO, C-03-RO.

### **Cooperatives and condominiums.**

A *cooperative* is a type of ownership whereby a corporation of member-owners owns a group of housing units. Each individual member is entitled to occupy or rent out an individual housing unit and is a shareholder in the corporation that owns the property, but does not own the unit directly. The corporation may have a mortgage on the whole group of units. The member may have a loan or mortgage to buy his or her shares in the corporation.

A *condominium* is a type of ownership that enables a person to own an apartment or house directly in a project of similarly owned units. The owner's name is on the deed, and the owner may have a mortgage on the unit occupied. The owner also may hold common or joint ownership in some or all-common areas such as grounds, hallways, entrances, and elevators.

Cooperative or condominium ownership may apply to various types of structures such as single-family houses, row houses, and townhouses, as well as apartment units. (See also condominium and cooperative fee.)

Tables: C-01-AH, C-01-AO, C-01-OO, C-01-RO.

**Cost and ownership sharing.** Restricted to owner-occupied housing units, shared ownership refers to two or more names on a deed or title. Shared costs include only payments designated for mortgage or utility costs (not taxes or insurance), whether paid directly to a mortgage or utility company, or to household members. "Not living here," means that one of the people sharing the ownership or cost is not a household member. (See also monthly housing costs.)

Table: C-10-OO.

**Current income.** Restricted to families and primary individuals only. Current income for families and primary individuals for most respondents is defined as the total income of the family and any primary individuals in the past year.

Income sources may be composed of the following: wages and salaries, self-employment, interest, dividends, rental income, Social Security or railroad retirement, retirement or survivor pensions, Supplementary Security Income (SSI), child support or alimony, public assistance or public welfare, food stamp benefits, disability payments, workers' compensation, veterans' disability, other disability, and other income (VA payments, unemployment, royalty, estates, and more).

Upon completion of the detailed income questions, respondents were asked, "Is your total family income this month about the same as it was a year ago?" "About the same"

was defined as within 10 percent, or just cost of living adjustments. If the respondent answered “no,” a second question was asked, “What do you expect your total family income to be in the next 12 months?” If the total income of the family and any primary individuals in the past year is unknown, the estimate of the total family income in the next 12 months is used as the current income.

Current income is not published separately. It is used only in the calculation of “ratio of value to current income” and “monthly housing costs as percent of current income.” For more information, see those items. (See also income, income sources of families and primary individuals.)

**Current interest rate.** This item refers to the annual percentage rate of the mortgage in effect as of the date of the interview, not the rate when the mortgage was made, nor any future changes of variable rates of which the respondent may be aware. Medians for current interest rate are rounded to the nearest tenth of a percent.

Table: C-14A-OO.

**Current line-of-credit interest rate.** This item refers to the annual percentage rate in effect on current home equity line-of-credit outstanding balances. It is as of the date of the interview, not when the mortgage was originated, nor any future changes of variable rates of which the respondent may be aware. Medians are rounded to the nearest tenth of a percent. (See also total home-equity line-of-credit limit, total outstanding line-of-credit loans, line-of-credit monthly payment, line-of-credit amount used for home additions, improvements, or repairs.)

Table: C-14A-OO.

**Current total loan as percent of value.** A percentage calculated by dividing the amount borrowed by the price or appraised value of the home to be purchased; the higher the loan-to-value ratio, the less cash a borrower is required to pay as down payment. These medians are rounded to the nearest tenth of a percent. (See also value.)

Table: C-14A-OO.

**Deficiencies.** (See selected deficiencies.)

## Disabilities.

*Households with disabled persons.* Disability status is collected for each member of the household. There are six categories of disabilities: hearing and vision disabilities are collected for all household members; mental, physical, and self-care disabilities are collected for household members at least 5 years of age; and go-outside-home disabilities are collected for members at least 15 years of age.

*Hearing disabilities.* A person with a hearing disability is deaf or has a hearing impairment that makes it very difficult to hear conversations, televisions, or radio broadcasts.

*Vision disabilities.* A person with a vision disability is blind or has serious difficulty reading or driving due to a visual impairment even when wearing glasses.

*Mental disabilities.* A person with a mental disability has serious difficulty concentrating, remembering, or making decisions. This includes Alzheimer’s disease, dementia, and serious learning disabilities.

*Physical disabilities.* A person with a physical disability has serious difficulty walking or climbing stairs. This is defined as difficulty walking up to three city blocks or climbing one flight of stairs.

*Self-care disabilities.* A person with a self-care disability has serious difficulty dressing or bathing oneself.

*Go-outside-home disabilities.* A person with a go-outside-home disability has difficulty doing errands such as visiting a doctor’s office or shopping by oneself.

(See also accessibility features in home, home accessibility problems reported, wheelchair accessible features available, mobility devices.)

Tables: S-02-AO, S-02-OO, S-02-RO.

**Disaster repairs.** The unit is considered to have been involved in a major disaster if either more than half the home, or more than two rooms, required repairs in the last 2 years. The sorts of catastrophes involved could include disasters such as severe damage from floods, earthquakes, mudslides, or forest, brush, and other wildfire, tornadoes and hurricanes, and other disasters such as explosions and fires. Also includes damage from broken pipes and grease fires. (See also home improvement.)

Tables: C-15-OO, C-16-OO.

**Down payment.** This item refers to the total amount of money used for the down payment or outright purchase of the home/property. Respondents were allowed to answer by giving a total dollar amount or by giving a percentage of the purchase price. (See also major source of down payment.)

Table: C-13-OO.

**Duration of vacancy.** This refers to the length of time (in months) from the date the last occupants moved from the housing unit to the date of the interview. The data, therefore, do not provide a direct measure of the total length of time that units remain vacant. For newly constructed units that have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date that conversion or merger was completed. (See also vacant units.)

Table: C-00-AH.

**Educational attainment of the householder.** Data on educational attainment are derived from asking for the householder's highest level of school completed or the highest degree received. The question on educational attainment applies only to progress in "regular" schools. Regular schools include public, private, and parochial elementary and high schools (both junior and senior), colleges and universities, professional, vocational, trade, and business schools. The credits obtained are regarded as transferable in the regular school system.

Other schools include schools available for children 4 through 16 years of age that are not public or private graded schools. Some examples are ungraded schools, special schools, preschools, early learning centers, etc.

The category "high school graduate" includes people who received either a high school diploma or the equivalent; for example, passed the Test of General Educational Development (GED) and did not attend college. The category "Associate's degree" includes people whose highest degree is an associate's degree in (1) an occupational program that prepares them for a specific occupation and the course work may or may not be creditable toward a bachelor's degree or (2) an academic program primarily in the arts and sciences, and the course work is transferable to a bachelor's degree. Some examples of professional degrees include medicine, dentistry, pharmacy, and law.

In the publications, to obtain the total number of householders who are high school graduates, add (1) high school graduates only (includes equivalency), (2) graduates with some college, no degree, (3) with an associate's degree, (4) with a bachelor's degree, and (5) with a graduate or professional degree. To obtain the total number of householder graduates with a bachelor's degree, add (1) with a bachelor's degree and (2) with a graduate or professional degree. (See also householder.)

Tables: C-08-AO, C-08-OO, C-08-RO.

**Elderly.** Data for the elderly include all households with householders 65 years and over. Note that this definition is narrower than in Department of Housing and Urban Development housing programs, which count as elderly all households where the householder or spouse is 62 or older or has a disability.

**Electric fuses and circuit breakers.** The data show whether an electric fuse has blown or circuit breaker has tripped in the home in the 3 months prior to the interview, or while the household was living in the unit if less than 3 months. A blown fuse or tripped breaker switch results in the temporary loss of electricity until the fuse is replaced or the breaker switch reset. Blown fuses inside major pieces of installed equipment (such as some air conditioners) are counted as blown fuses or tripped breaker switches. The item may identify inadequate wiring, but it

also happens commonly when people move into houses and are unfamiliar with which items can be turned on at the same time. (See also selected physical problems—severe, systems and equipment.)

Tables: C-05-AO, C-05-OO, C-05-RO.

**Elevator on floor.** Data are for multiunit structures with two or more floors that have one or more passenger elevators in working condition on the same floor as the sample unit. Excludes elevators used only for freight and manufactured/mobile homes. (See also stories between main and apartment entrances.)

Tables: C-01-AH, C-01-AO, C-01-OO, C-01-RO.

**Energy efficiency.** Refers to any general home improvement jobs that were done in the last 2 years specifically for energy efficiency purposes and that may or may not have received a tax credit for any of the work done to the unit. (See also ENERGY STAR® rated appliances, government subsidy for repairs and alterations, home improvement.)

Tables: C-15-OO.

**ENERGY STAR® rated appliances.** The respondent lists all of his/her reported appliances that are ENERGY STAR® certified. ENERGY STAR® is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy. ENERGY STAR® was introduced in 1992 as a voluntary labeling program designed to identify and promote energy-efficient products in order to reduce greenhouse gas emissions. Computers and monitors were the first labeled products, but now the ENERGY STAR® label is on major appliances, office equipment, lighting, home electronics, and more. (See also energy efficiency, government subsidy for repairs and alterations, home improvement.)

Tables: C-03-AO, C-03-OO, C-03-RO.

**Equipment.** (See kitchen and laundry equipment.)

**Extension cords.** Extension cords are any length of flexible power cable with a plug on one end and one or more sockets on the other and they are a potential household hazard if worn or cracked.

Tables: S-01-AO, S-01-OO, S-01-RO.

**Exterior additions and replacements.** These jobs were major alterations or improvements in the last 2 years, such as roofing, siding, and doors and windows.

*Roofing.* This includes the replacement of the entire roof or at least most of it. Anything less, such as the repair of a hole or leak, or the replacement of a small section, would be considered maintenance. The roof may replace or be installed over the old roofing materials.

*Siding.* This includes all types of siding that can be added to the outside of the building. Examples include aluminum,

vinyl, fiber, cement or wood siding, or redwood siding, as well as other materials, such as shingles, various facades that look like brick or masonry, stucco, and the like. Excludes the trim, soffits, and fascia, if those were the only areas that were covered.

**Doors or windows.** This includes adding or replacing windows and skylights, or interior or exterior doors. Includes upgrades for windows and doors (e.g., changing from regular, double-hung door to French doors or ordinary windows to picture windows). Also includes the replacement of worn-out storm doors, windows, or screens. Excludes seasonal installation of storm doors, windows, or screens. Patching or repairing screens or replacing windowpanes is included under routine maintenance.

(See also external building conditions, home improvement, interior additions and replacements, other additions and replacements.)

Tables: C-15-OO, C-16-OO.

### **External building conditions.**

**Roof.** A “sagging roof” is a critical defect indicating continuous neglect, or deep or serious damage to the structure. Only roofs with substantial sagging are included. “Missing roofing material” includes rotted, broken, loose or missing shingles, tiles, slate, shake, and tin, caused by extensive damage from fire, storm, or serious neglect. “Hole in roof” occurs when the missing roof materials expose the interior of the unit directly to weather. Holes caused by construction activity are not counted unless the construction has been abandoned.

**Walls.** “Missing bricks, siding, other outside wall material” applies to the exterior wall (including chimney) of the structure. These defects may be caused by storm, fire, flood, extensive neglect, vandalism, and so forth. Materials may include clapboard siding, shingles, boards, brick, concrete, and stucco. The missing materials do not necessarily expose the interior of the unit directly to weather. Missing materials resulting from construction activity are not counted unless construction has been abandoned. “Sloping outside walls” is a critical defect indicating continuous neglect or serious damage to the structure. Only walls with substantial sagging are included.

**Windows.** “Boarded-up windows” have been sealed off to protect against weather or entry and include windows and/or doors covered by board, brick, metal, or some other material. “Broken windows” indicate several broken or missing windowpanes. “Bars on windows” are to protect against unlawful entry. The condition of the windows has no bearing on this item. The bars can be vertical, horizontal, or a metal grating. Windows completely covered with metal sheeting are not included in this category.

**Foundation crumbling or has open crack or hole.** This category includes large cracks, holes, and rotted, loose, or missing foundation material.

(See also exterior additions and replacements, selected physical problems—severe.)

Tables: C-05-AO, C-05-OO, C-05-RO.

**Extra unit.** Extra units include units classified as usual residence elsewhere (URE), vacant units designated as occasional use, and seasonal units (excluding migratory). A series of four questions was asked concerning these units. (See also reasons extra unit owned, location of extra unit, nights owner spent at extra unit, nights owner rented extra unit.)

**Families and primary individuals.** (See income sources of families and primary individuals.)

**First-time owners.** If neither the owner nor any co-owner has ever owned or co-owned another home as a usual residence, then the housing unit is reported as the first home ever owned. Previous homes purchased solely as vacation homes or homes purchased for commercial rental purposes are not considered usual residences. However, if a previously owned home was originally purchased as a usual residence and later used as a vacation home or for commercial or rental purposes, the owner is not a first-time owner.

Table: C-13-OO.

**Flush toilet and flush toilet breakdowns.** Includes housing units with at least one flush toilet for the household's use only. A privy or chemical toilet is not considered a flush toilet. Flush toilets outside the unit are not counted. The statistics on breakdowns of flush toilets show the number of times all the unit's flush toilets were not working during the last 3 months and the number of times all the flush toilets were not working for 6 consecutive hours or longer. For households with more than one toilet, the question was asked about instances when all toilets were classified as “not working” at the same time. The flush toilet may be completely unusable due to a faulty flushing mechanism, broken pipes, stopped up sewer pipes, lack of water supplied to the flush toilet, or some other reason. Breakdowns are included even if caused by a natural disaster. (See also complete bathrooms, selected physical problems—moderate–severe.)

Tables: C-05-AO, C-05-OO, C-05-RO.

**Food stamps.** Restricted to families and primary individuals with total incomes of \$25,000 per year or less. Housing units are counted if the householder or any relative currently living in the unit received food stamps in the past year, even at another address. Throughout most of the United States, the electronic benefit transfer (EBT), which

is a system allowing transfer via debit card of government benefits from a federal account to a retail outlet's account, has replaced stamps. The U.S. Department of Agriculture's Supplemental Nutrition Assistance Program (SNAP), in conjunction with state and local governments, administers the food stamp program. (See also income, income sources of families and primary individuals, poverty status.)

Tables: C-09-AO, C-09-OO, C-09-RO.

**For rent.** (See vacant units.)

**For sale only.** (See vacant units.)

**Foundation.** This item is restricted to one-unit buildings and excludes mobile homes. A structure has a basement if there is an enclosed space, at least partially underground, in which a person can walk upright under all or part of the building. The basement is considered to be "under all of building" if it is under the entire main structure, excluding garages, carports, and porches. A crawl space is space between the ground and the first floor of the house, but it is not high enough for a person to walk upright. A house is built on a concrete slab if it is built on concrete that has been poured on the ground. The "other" category refers to boats, motor homes, or houses built on stilts or pilings (for example, beach houses).

Tables: C-01-AH, C-01-AO, C-01-OO, C-01-RO.

**Frequency of interest rate adjustments for primary mortgages.** Including after initial fixed period. Measures how often the interest rates on mortgages with varying payments can change. (See also reference interest rate for primary mortgages with varying payments.)

Table: C-14B-OO.

## Fuels.

*Electricity.* Supplied by above- or underground electric power lines or generated at the housing unit.

*Piped gas.* Gas delivered through underground pipes from a central system to serve the neighborhood.

*Bottled gas.* Pressurized gas stored in tanks or bottles that are filled or exchanged when empty.

*Gas.* Includes both piped and/or bottled gas. Respondents living in seasonal or vacant units are not asked to specify which type of gas they use.

*Fuel oil.* Heating oil normally supplied by truck to a storage tank for use by the heating system.

*Kerosene or other liquid fuel.* Includes kerosene, gasoline, alcohol, and other similar combustible liquids.

*Coal or coke.* A hard black or dark brown sedimentary rock formed by the decomposition of plant material, widely used as a fuel and usually delivered to a housing unit by truck.

*Wood.* Refers to the use of wood or wood charcoal as a fuel.

*Solar energy.* Refers to the use of energy available from sunlight as a source of heating fuel.

*Other.* Includes briquettes made of pitch and sawdust, coal dust, waste material like corncobs, purchased steam, or any other fuel not listed.

(See also monthly housing costs.)

Tables: C-03-AH, C-03-AO, C-03-OO, C-03-RO, C-10-AO, C-10-OO, C-10-RO.

**Go-outside-home disabilities.** A person with a go-outside-home disability has difficulty doing errands such as visiting a doctor's office or shopping by oneself. (See also disabilities.)

Tables: S-02-AO, S-02-OO, S-02-RO.

## Government subsidy for repairs and alterations.

Asked of units who had a major repair in the last 2 years. Includes units who received a low-interest loan or grant from an assistance program provided by the federal, state, or local government for the purpose of obtaining or installing energy conservation products. The type of products include insulation, storm doors, storm windows, weather stripping, caulking, furnace tune ups, or for repair of broken doors and windows.

(See also ENERGY STAR® rated appliances, energy efficiency.)

Table: C-15-OO.

**Group quarters.** (See housing units.)

**Guarantors of primary mortgages.** The federal government agencies that currently insure or guarantee mortgages or similar debts include the Federal Housing Administration (FHA), the Department of Veterans Affairs (VA), and Rural Housing Service/Rural Development (RHS/RD). Mortgage insurance is a promise to pay the lender's losses in case the borrower fails to keep up the required mortgage payments and defaults on the loan. Such insurance protection is offered by the government, acting as an insurance agent, and by private mortgage insurance companies. Mortgage loans that are not insured or guaranteed by these government agencies are referred to as "conventional" mortgages. Conventional mortgages, including mortgages insured or guaranteed by state or local governments, are shown as "other types."

*The Federal Housing Administration (FHA)* does not normally lend money. The function of the FHA in the mortgage field is to insure mortgages made for the purchase of a home or construction of rental property. The money for these mortgages is provided by banks, insurance companies, savings banks, mortgage companies, and other

approved lenders. In return for the payment of an insurance premium by the borrower, the FHA insures the lender against loss. The FHA insures loans on homes (both rental and owner-occupied) and on both large and small rental developments.

Under the Serviceman's Readjustment Act (GI Bill), veterans may borrow money from private lenders to buy or build a home under more favorable down payment and repayment terms. The repayment of these loans to the lender is guaranteed or insured by the Veterans Administration (VA). Data exclude any mortgage programs for veterans that are administered by a State government.

*The Rural Housing Service/Rural Development (RHS/RD) mortgage, formerly called the Farmer's Home Administration, provides much the same service as FHA, but confines its assistance to rural areas.*

Table: C-14B-OO.

**Health of household.** Respondent was asked to rate the general health of the householder, with "excellent" being the highest and "poor" being the lowest.

Tables: S-01-AO, S-01-OO, S-01-RO.

**Hearing disabilities.** A person with a hearing disability is deaf or has a hearing impairment that makes it very difficult to hear conversations, televisions, or radio broadcasts. (See also disabilities.)

Tables: S-02-AO, S-02-OO, S-02-RO.

**Heating equipment.** (See main heating equipment, other heating equipment, systems and equipment.)

**Heating problems.** Statistics are shown for housing units occupied by the householder during the winter prior to the interview and refer only to the main heating equipment. The data are classified by whether the housing unit was uncomfortably cold for 24 hours or more, the number of times equipment breakdowns lasted 6 hours or more, and causes for the breakdowns. The heating equipment is considered broken down if it is not providing heat at its normal heating capacity through some fault in the equipment.

*Utility interruptions.* Occurs when there is a cutoff in the gas, electricity, or other fuel supplying the heat.

*Inadequate heating capacity.* Refers to heating equipment that is providing heat at its normal capacity, but the housing unit is still too cold for the occupants.

*Inadequate insulation.* Refers to air drafts through window frames, electrical outlets, or walls that are cold.

*Cost of heating.* Refers to the occupants turning down their thermostat or turning the equipment off altogether to save money. This category includes utilities/fuels that are unavailable due to unpaid bills.

(See also selected physical problems—moderate–severe.)

Tables: C-05-AO, C-05-OO, C-05-RO.

**Hispanic.** (See race and Hispanic origin.)

**Home accessibility problems reported.** For anyone in the household 6 years of age and over, questions were asked to assess whether or not people living in the home have difficulty accessing features within the home. (See also disabilities, accessibility features in home, wheelchair accessible features available.)

Tables: S-02-AO, S-02-OO, S-02-RO.

**Home-equity line-of-credit.** A revolving mortgage loan, usually a second mortgage, allowing a property owner to obtain cash against the equity of a home at any time up to a predetermined amount set by the lender, without reapplying for a loan. Depending on the situation, lines-of-credit give an advantage to access the equity in different portions, up to a limit set by the lender, by giving the option to withdraw the funds whenever needed and make payments accordingly. With a home-equity line-of-credit, the borrower is able to use the equity of the property and take advantage of the tax savings.

*Total home-equity line-of-credit limit.* The percentage of the borrower's equity in a property, predetermined by the lender, that the borrower is advanced or allowed to obtain in cash.

*Total outstanding line-of-credit loans.* The total outstanding line-of-credit loan is the current balance on the home-equity line-of-credit. The current balance is usually reported on the monthly or quarterly statement.

*Current line-of-credit interest rate.* This item refers to the annual percentage rate in effect on current line-of-credit outstanding balances.

*Line-of-credit monthly payment.* This is the monthly payment on the line-of-credit paid to the bank at the present interest rate.

*Line-of-credit amount used for home additions, improvements, or repairs.* This is the percentage of the dollar amount of home-equity loans used for home additions, improvements, or repairs. Includes only expenditures to the residence and excludes work done to nonresidential properties.

**Home-equity lump-sum loan.** This home-equity loan allows the property owner to borrow a set amount against the equity of their home, up to a fixed limit set by the lender. The amount is received all at once in a lump-sum.

**Home improvement.** Questions were asked about where the work was done, if any rooms were created or attached, and if the bathroom or kitchen had been remodeled within the last 2 years.

Respondents were also asked if they added or replaced their roofs, siding, interior water pipes; electrical wiring, fuse boxes, or breaker switches; doors or windows; plumbing fixtures, such as sinks or bath tubs; insulation; wall-to-wall carpeting, flooring; paneling or ceiling tiles; air conditioning; built-in heating equipment; septic tanks; water heaters; dishwashers, garbage disposals; drive-ways or walkways; fencing or walls; patios, terraces, or detached decks; swimming pools, tennis courts, and other recreational structures; sheds, detached garages, or other buildings.

Respondents also have the opportunity to report up to three miscellaneous inside and outside jobs not previously reported. For each job, respondents were asked for the cost of the job, including the amount covered by insurance, and whether someone in the household performed the job.

Tables: C-15-OO, C-16-OO.

**Home search.** For units where the respondent moved from within the United States during the 12 months prior to the interview. The respondent was asked whether the respondent looked at both houses/mobile homes and apartments. (See also reasons for leaving previous residence, choice of present home, recent mover comparison to previous home, how respondent found current unit.)

Tables: C-07-AO, C-07-OO, C-07-RO.

**Homes currently for sale or rent.** For owner-occupied units, year-round units temporarily occupied by people who have a usual residence elsewhere, and vacant units. The owner may offer the unit up for rent only, up for rent or for sale, or for sale only. In addition, the owner may have contracted to rent or sell the unit, but the transfer has not yet taken place. Finally, the housing unit may not be for rent or for sale at all (not on the market).

Table: C-00-AH.

**Household.** A household consists of all people who occupy a particular housing unit as their usual residence, or who live there at the time of the interview and have no usual residence elsewhere. The usual residence is the place where the person lives and sleeps most of the time. This place is not necessarily the same as a legal residence, voting residence, or domicile. Households include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, wards, foster children, and resident employees who share the living quarters of the householder. It includes people temporarily away for reasons such as visiting, traveling in connection with their jobs, attending school, in general hospitals, and in other temporary relocations. By definition, the count of households is the same as the count of occupied housing units.

**Household composition.** While any occupant of a housing unit is called a household member, each household includes either one of the following:

- A *family*, which is the householder and all (one or more) other people living in the same household who are related to the householder by blood, marriage, or adoption.
- A *primary individual*, which is a householder who lives alone or with nonrelatives only. Although only one primary individual is identified per household, the household also may include one or more roommates, lodgers, resident employees, or other people unrelated to the householder. These nonrelatives are considered members of the household but not of the family.

Married couples related to the householder of a family are included in the family and are not considered separate families unless they reside in separate living quarters. (For definition of separate living quarters, see housing units). While they are part of the family, they are also usually a subfamily. See also persons other than spouse or children.

By definition, families include the householder and at least one relative, so in the statistics on household composition, families are always included in the various categories of two-or-more-person households. Primary individuals with nonrelatives living with them also are tabulated as two-or-more-person households. Primary individuals living alone are tabulated as one-person households.

*Married-couple families.* Each household in this group includes the householder and spouse, and other people, if any, who are related to the householder and live in the household. If the householder's spouse is not present, but another married couple is present, (e.g., daughter and son-in-law or mother- and father-in-law, the household is not counted here as a married-couple family).

*Other male householder.* This category includes households with male householders who are widowed, divorced, separated or single, or who are married with wife absent for other reasons.

*Other female householder.* This category includes households with female householders who are widowed, divorced, separated or single, or who are married with husband absent for other reasons.

*No nonrelatives.* When this phrase modifies "married-couple" households, then households that include householder, spouse, nonrelatives, and other relatives, if any, are included with "other male" and "other female householder," rather than with "married-couples, no nonrelatives." The data are published both ways, in the data tables, so readers can see whether their findings are affected by the presence of nonrelatives with married couples.

*Households with single children under 18 years old.* This category includes all household members under 18 years old, whether related to the householder or not, who are not currently married (they have never been married, or are divorced, separated, or widowed). For example, it includes currently unmarried children of lodgers and foster children.

*Own never-married children under 18 years old.* This category includes any household member under 18 years old, if he or she has never been married, and is a son, daughter, stepchild, or adopted child of the householder. By definition, children of subfamilies are not children of the householder, so they are excluded from this count. The data are published for both this definition of children and the definition above (based on age and current marital status) so readers can see whether the definition of children affects their findings.

Other indicators of household composition include:

*Household composition by age of householder, Number of single children under 18 years old, Persons 65 years old and over, and Persons other than spouse or children.*

Data are shown for households with the following types of people:

*Other relatives of householder.* This category counts households that include any person related to the householder by blood, marriage, or adoption, except spouse, son, daughter, stepchild, or adopted child under 18 years old (regardless of marital status).

*Single adult offspring aged 18 to 29.* This category counts households with at least one member aged 18 to 29, if he or she is not currently married (that is, they have never been married or are divorced, separated, or widowed), and is a son, daughter, stepchild, or adopted child of the householder. Note this category has the same marital status categories as *Single children under 18 years old*, but the same relationship to householder categories as *Own never-married children*. These are defined under “Household composition.”

*Single adult offspring 30 years of age or over.* This category counts households with at least one member aged 30 or older, if he or she is not currently married (that is, never been married or are divorced, separated, or widowed) and is a son, daughter, stepchild, or adopted child of the householder.

*Households with three generations.* For each person whose parent lives in the household, the parent (biological, adoptive, or stepparent) is identified in the questionnaire. Each person who is a child or grandchild of the householder is also identified. These codes keep count of households where the following live in the unit:

1. One or more sons, daughters, stepchildren, or adopted children of the householder or spouse (regardless of

marital status or age) and one or more parents of the householder or spouse, or

2. One or more parents of the householder or spouse and one or more parents of these parents, or
3. One or more sons, daughters, stepchildren, or adopted children of the householder or spouse (regardless of marital status or age) and one or more of these children's children (grandchildren of the householder or spouse, regardless of marital status or age).

Note that the definition of children is different from those in “Single children under 18 years old” and “Own never-married children.” The first does not involve relationship to householder and neither one involves marital status or age. Also, note that if a household has more than three generations it is still counted here. In addition to the three generations, there also may be other relatives in the household.

*Subfamily.* A subfamily is one of the following groups that do not include the householder or spouse, but are related to the householder and live in the household: (1) a married couple (with or without children of any type), or (2) one parent with one or more of his or her own never-married children under 18 years old. A common example of a subfamily is a young married couple sharing the home of the husband or wife's parents.

*Subfamily householder.* For subfamilies that include a couple, the husband is defined as the subfamily householder; for other subfamilies, the parent is the householder.

*Households with other types of relatives.* This category counts households with relatives of the householder, other than the spouse, children, three generations, or subfamilies already counted. Therefore, it includes relatives such as uncles, nieces, cousins, or grandchildren present without their parents. A household already counted in the above-mentioned categories may be counted again, as long as it has some additional relatives not counted above.

*Nonrelatives.* A nonrelative of the householder is any person in the household who is not related to the householder by blood, marriage, or adoption. Roomers, boarders, lodgers, partners, resident employees, wards, and foster children are included in this category.

*Co-owners or co-renters.* This category includes households for which the names of two or more unrelated household members are on the deed of ownership, mortgage, land contract, contract to purchase or similar document, or lease; or, if there is no lease, two or more unrelated household members are responsible for paying the rent.

*Lodgers.* This category is restricted to members of the household who pay rent to another household member and are 16 years or older; nonrelatives of the householder; not sons, daughters, stepchildren, or adopted children of a co-owner or co-renter; and not co-owners or co-renters

themselves. This item does not use the “lodger” answer on relationship to the householder since it is less carefully defined than the question on lodgers rent. (See also household and rent paid by lodgers.)

*Unrelated children under 18 years old.* This category counts households with members under 18 years old who are unrelated to the householder and are not co-owners, co-renters, or lodgers, regardless of marital status. Thus, it includes foster children and children of lodgers and employees as long as they are under 18 years old.

*Other nonrelatives.* This category counts households with nonrelatives of the householder who are not co-owners, co-renters, lodgers, or under 18 years old. For example, it includes employees and housemates who do not pay a regular rent as lodgers. It also may include households with nonrelatives counted in the categories below.

*One or more secondary families.* A secondary family is a group of two or more people who are related to each other by birth (parent/child, child less than 18 years old), marriage, or adoption, but who are not related to the householder or co-owner or co-renter. The unrelated secondary family may include people such as guests, roomers, boarders, or resident employees and their relatives living in a household.

*Two- to eight-person households, none related to each other.* None of the household members are related to any other household member. They may be co-owners, co-renters, lodgers, partners, employees, or foster children. The publications make no distinction between housemates and unmarried partners.

**Household composition by age of householder.** (See household composition, age of householder.)

Tables: C-08-AO, C-08-OO, C-08-RO.

**Household income.** (See income, income sources of families and primary individuals, current income, food stamps, poverty status.)

Tables: C-09-AO, C-09-OO, C-09-RO.

**Household moves and formation in last year.** Data are shown for households that moved into the present unit during the 12 months prior to the date of the interview. The distribution is further classified by whether the household moved together from the same unit, from two or more units, or moved at separate times.

The total does not measure net household formation, since it omits deaths, moves to institutions, and moves abroad, and it does not show whether all occupants of the previous unit moved here; some may have stayed there or moved elsewhere.

The categories do indicate people moving out of units where they were not the householder (divorce or children setting out on their own), and people moving in with others (marriage, roommates, children moving from one parent to another, or to a grandparent). (See also household composition, householder.)

Tables: C-08-AO, C-08-OO, C-08-RO.

**Householder.** The householder is the first household member listed on the questionnaire who is an owner or renter of the sample unit and is 15 years or older. An *owner* is a person whose name is on the deed, mortgage, or contract to purchase. A *renter* is a person whose name is on the lease. If there is no lease, a renter is a person responsible for paying the rent. If no one meets the full criteria, the age requirement is relaxed to 14 years or older before the owner/renter requirement. Where the respondent is one of several unrelated people who all could meet the criteria, the first listed eligible person is the householder. In cases where both an owner and renter are present, the owner would get precedence for being the householder. The householder is not necessarily the one answering the survey questions.

**Households with single children under 18 years old.**

This category includes all household members under 18 years, whether related to the householder or not, who are not currently married (they have never been married, or are divorced, separated, or widowed). For example, it includes currently unmarried children of lodgers and foster children. (See also household composition.)

Tables: C-08-AO, C-08-OO, C-08-RO.

**Housing units.** A housing unit is a house, apartment, group of rooms, or single room occupied or intended for occupancy as separate living quarters.

The occupants of each housing unit may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated people who share living arrangements.

Both occupied and vacant units are counted, except that the following are excluded if they are vacant: (a) tents, caves, boats, railroad cars, and the like; (b) structures intended for nonresidential use; (c) units used for business storage (storage of personal furniture does not disqualify a unit); and (d) units unfit for human habitation (roof, walls, windows, or doors no longer protect the interior from weather, or there is positive evidence, such as a sign on the house or block, that the unit is to be demolished or is condemned).

*Living quarters* is a general term that includes both housing units and group quarters. Living quarters include structures intended for residential use (such as a house, apartment building, boarding house, or mobile home). Living quarters also include the following, but only if they

are occupied as usual residences: (a) places such as tents, caves, boats, and railroad cars; and (b) structures intended for nonresidential use (such as rooms in a warehouse where a guard lives). Living quarters exclude quarters being used entirely for nonresidential purposes, such as a store, an office, or quarters used for storing business supplies, machinery, or agricultural products.

*Separate living quarters* are those in which the occupants live separately from any other people in the structure and that have direct access from the outside of the structure or through a common hall, lobby, or vestibule that is used or intended for use by the occupants of more than one unit or by the general public. This means that the hall, lobby, or vestibule is not part of any unit, and must be clearly separate from all units in the structure. For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If the information cannot be obtained, the criteria are applied to the previous occupants.

*Group quarters.* The following types of living quarters are not classified as housing units and are not covered by the AHS interviews:

*Institutional group quarters* are living quarters occupied by one or more people under care or custody, such as children in an orphanage, people in a nursing home, and prisoners in a penitentiary.

*Noninstitutional group quarters* do not involve skilled medical care or custody, and do not have separate living. They include college dormitories, fraternity and sorority houses, and nurse's dormitories.

Note that institutional and commercial establishments that have single-family houses or individual apartments with direct access where staff lives separately, such as some residential hotels and units for college professors, are considered housing units. Military housing for singles is not covered, but housing where civilian family members live is if it meets the definition of a housing unit.

*Rooming houses.* If any of the occupants in a rooming or boarding house live separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, or a person in charge, they are counted as one housing unit. Otherwise, they are noninstitutional group quarters.

*Hotels.* Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; that is, people who consider the hotel as their usual residence or have no usual residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels,

motels, and similar places in which permanent residents occupy 75 percent or more of the accommodations.

*New housing units.* Units being built are classified as housing units (though they may be vacant) if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Note this stage of construction is earlier than the one used in "Duration of vacancy," which measures when construction was completed. (See also vacant units, duration of vacancy.)

*Modular/panelized homes and manufactured/mobile homes.* Modular/panelized homes are treated as traditionally built homes and are included in total housing units. Manufactured/mobile homes are also included in total housing units, but are grouped separately from traditionally built homes. Manufactured/mobile homes and modular/panelized homes are commonly confused, but there is a distinct difference between the two. Manufactured/mobile homes are constructed entirely in a factory (exterior siding, kitchen cabinets included) and have a nonremovable chassis, allowing them to be moved again. Modular/panelized homes, on the other hand, are permanent once constructed and cannot be moved again. While their components are assembled in a factory, the pieces are then constructed on the home site. Siding, gutters, and most interiors, such as cabinetry and flooring, are installed after the home is completed, much like a traditionally built home.

**How acquired.** The statistics presented are restricted to housing units built 2010 or later. The householder obtained the housing unit by one of several options: by buying a house already built; by signing a sales agreement that included the land as well as the cost of building a house; by having a contractor build it on the householder's land; by the householder building it on the householder's own land (this includes a person acting as own contractor and includes leased land); or by receiving it as a gift or inheritance. (See also year unit acquired.)

Table: C-13-00.

**How respondent found current unit.** Shown for households where the respondent moved into the present unit from within the United States during the 12 months prior to the interview. Questions about the previous residence were asked of every recent mover in the household while the questions about the reasons for moving and choice of unit were asked only of mover respondents. (See also home search, choice of present home, reasons for leaving previous residence, recent mover comparison to previous home.)

Tables: C-07-AO, C-07-OO, C-07-RO.

**Income.** The survey covers total money income in the 12 months before the interview. It covers people age 16 and older (age 14 and older before 1999) currently living in the housing unit, even if they lived elsewhere during some of the previous 12 months. The figures represent the amount

of income before any deductions such as taxes, social security, union dues, bonds, and insurance.

The figures exclude capital gains; lump-sum payments from inheritances or insurance; occasional gifts; other sporadic payments; money borrowed; tax refunds; withdrawal of bank deposits; accrued interest on uncashed savings bonds; payments between household members, except wages in a family business; income “in kind,” such as free living quarters, housing subsidies, food stamps, or food produced and consumed in the home; and money from the sale of property (unless the recipient was in the business of selling such property). Figures also exclude income of people who have died or moved out of the housing unit, even if they lived in it for part of the previous 12 months.

For household members related to the householder, the interviewer asks the respondent for the information. For people not related to the householder, the interviewer tries to ask them directly about their income, but if they are not available, the interviewer asks the respondent. Medians for income are rounded to the nearest dollar.

Figures are shown separately for household income and income of families and primary individuals. Each has its own advantages. Only household income includes the income of lodgers, roommates, employees, and other household members who are not related to the householder.

While any occupant of a housing unit is called a household member, each household includes either one of the following:

- A *family*, which is the householder and all (one or more) other people living in the same household who are related to the householder by blood, marriage, or adoption.
- A *primary individual*, which is a householder who lives alone or with nonrelatives only. Although only one primary individual is identified per household, the household also may include one or more roommates, lodgers, resident employees, or other people unrelated to the householder. These nonrelatives are considered members of the household but not of the family.

The definition of families and primary individuals is significant in that some income items are collected only for the family or primary individual; these are current income and food stamps. For other household members 16 years and older who are not related to the householder, total income is collected for each person, but current changes in income are not identified, and their income is not included in comparisons with monthly housing costs or value. The distinction is meant to approximate whose income may be available for housing and other shared living expenses. However, it is imperfect in the case of roommates who share more or less equally.

### **Income of families and primary individuals.**

(See income, income sources of families and primary individuals.)

Tables: C-09-AO, C-09-OO, C-09-RO.

### **Income sources of families and primary individuals.**

*Wage or salary income* includes total money earnings received for work performed as an employee during the past 12 months. It includes wages, salary, armed forces pay, commissions, tips, piece-rate payments, and cash bonuses earned before deductions were made for taxes, bonds, pensions, union dues, etc.

*Self-employment income* includes net money income (gross receipts minus expenses) from one's own business, professional practice, partnership, farm, or ranch.

*Interest* is money received or credited to checking and savings accounts, money market funds, certificates of deposit (CDs), IRAs, KEOGHs, and government bonds.

*Dividends* are money received, credited, or reinvested from ownership of stocks or mutual funds.

*Rental income* is money (profits or losses) received from renting land, buildings, real estate, or from roomers or boarders.

*Social Security or Railroad Retirement.* Social Security includes Social Security pensions and survivor benefits, permanent disability insurance payments made by the Social Security Administration prior to deductions for medical insurance. *Railroad Retirement* insurance checks come from the U.S. Government. Medicare reimbursements are not included.

*Retirement pensions and survivor benefits* include benefits from a former employer, companies, labor union, or federal, state, or local government, and the U.S. military. Also included are periodic receipts from annuities and insurance, and regular income from IRA and KEOGH plans. This does not include social security income.

*Supplemental Security Income (SSI)* is a nationwide U.S. assistance program administered by the Social Security Administration that guarantees a minimum level of income for needy, aged, blind, or disabled individuals.

*Child support or alimony.* Child support is money received for the support of children not living with their father or mother as a result of a legal separation. Respondents are asked if they received in the past 12 months alimony or child support. They then report the amount. Alimony is money received periodically from a former spouse after a divorce or legal separation.

*Public assistance or public welfare* includes general assistance and temporary assistance for needy families (TANF). Separate payments received for hospital or other medical

care (vendor payments) is excluded. This does not include SSI or noncash benefits such as food stamps.

*Food stamps* are restricted to families and primary individuals with total incomes of \$25,000 per year or less. Housing units are counted if the householder or any relative currently living in the unit received food stamps in the past year, even at another address. Throughout most of the United States, the electronic benefit transfer (EBT), which is a system allowing transfer via debit card of government benefits from a federal account to a retail outlet's account, has replaced stamps. The food stamp program is a joint federal-state program that is administered by the U.S. Department of Agriculture and state and local governments.

*Disability payments, workers' compensation, veterans' disability, other disability* include payments from companies, unions, and the federal, state, or local government, such as payments from the Social Security Disability Insurance program. Workers' compensation benefits are paid by state workers' compensation programs, and veterans' disability income is paid by the U.S. military.

*Other income.* All other income includes unemployment compensation, Veterans Administration (VA) payments, royalties, contributions received periodically from people not living in the household, military family allotments, and other kinds of periodic income other than earnings.

There may be significant differences in the income data between the AHS and other surveys and censuses. For example, the time period for income data in the AHS is the 12 months prior to the interview, while other income data generally refer to the calendar year prior to the date of the interview. Additional differences in the income data may be attributed to how income questions are asked, levels of missing data (usually high on questions about income), whether missing data are estimated or ignored, sampling variability, and nonsampling errors.

(See also current income, income, poverty status.)

Tables: C-09-AO, C-09-OO, C-09-RO.

#### **Information needed to obtain primary mortgage.**

Respondents were asked to indicate if money was borrowed from a bank or other organization such as a mortgage company, mortgage broker, pension plan, or credit union for the mortgage or loan and if the respondent was able to get this mortgage or loan without the lender verifying income, assets, or debts.

Table: C-14B-OO.

#### **Inside/outside MSA.** (See metropolitan area.)

**Interior additions and replacements.** These are home improvement jobs that were major alterations or improvements in the last 2 years, such as insulation, installation

of wall-to-wall carpeting, other floorings, paneling, ceiling tiles, or drywall.

*Insulation.* Includes fiberglass batts and other loose materials, or foam or other materials blown into the walls, ceilings, or attics. Excludes plastic film seasonally installed over windows or doors as insulation. Includes caulking and weather stripping only if all or most of the homes doors or windows were treated, otherwise caulking and weather stripping is considered routine maintenance.

*Wall-to-wall carpeting.* Carpeting that is cut to fit a specific room and goes completely to the walls of that room. It generally is also fixed in place.

*Other floorings.* Examples include hardwood, tile, marble, or vinyl flooring. Includes only the addition or replacement of flooring that is considered a finished floor. Excludes refinishing hardwood floors or cleaning existing floors.

*Paneling, ceiling tiles, or drywall.* "Paneling" refers to large sheets of material that are put on existing walls. Paneling may be made of wood, gypsum board, wood byproducts, etc. Ceiling tiles are suspended from or attached to the existing ceiling. Drywall consists of large rigid sheets of finishing material used to create the interior walls of dwellings.

(See also home improvement, exterior additions and replacements.)

Tables: C-15-OO, C-16-OO.

#### **Items included in primary mortgage payment.**

Respondents were asked to indicate which items were included in the monthly mortgage payment besides principal and interest. These items include property taxes, property insurance, private mortgage insurance, and other charges.

*Principal and interest.* The original or expected balance of a mortgage and the interest rate paid for its use.

*Property tax.* A tax assessed on real estate by a local government based on the value of a house or other property.

*Property insurance.* This item refers to insurance on the structure and/or its contents (such as furniture, appliances, or clothing) and usually contains some liability insurance. Renters usually do not have property insurance (renter's property insurance), but if they do have it, its cost is counted. The total cost is the most recent yearly cost for which the occupants have actually been billed. Yearly cost was divided by 12 before calculating a monthly median cost. Medians for property insurance are rounded to the nearest dollar.

*Private mortgage insurance.* Private mortgage insurance is insurance that a lender generally requires a homebuyer to obtain if the down payment made by the homebuyer is

below a certain percentage (often 20 percent down payment for conventional loans).

*Other.* Charges may include disability insurance or life insurance.

Table: C-14B-OO.

**Kitchen and laundry equipment.** This item refers to selected equipment that is not shared with other households. Refrigerators, burners, ovens, and disposals are counted only if they were in working order or the household planned to have them repaired or replaced soon.

*Complete kitchen facilities.* A housing unit has complete kitchen facilities when it has all of the following: (1) kitchen sink; (2) burners, cook stove, or microwave oven; and (3) refrigerator. These terms are further defined below. The same criteria are used for occupied and vacant units in determining complete kitchen facilities. In some areas of the country, it is common for the occupant to bring a refrigerator. In these cases, the vacant unit, lacking a refrigerator, has an incomplete kitchen.

*Kitchen sink.* Only a sink in the unit or on an enclosed porch is counted, but it does not matter whether it is in the kitchen. However, a bathroom sink does not count as a kitchen sink.

*Refrigerator.* It may or may not have a freezer. Kerosene refrigerators are counted, but not ice boxes.

*Cooking stove or range.* The cook stove or range can be mechanical or wood burning.

*Burners.* Data for burners were collected only if the respondent did not report having a cooking stove with oven. Burners built into a stove or counter top are counted, as are burners on a wood burning stove.

*Microwave oven.* Data for microwave ovens were collected only if the respondent did not report having a cooking stove with oven or burners. Prior to 1997, the data collected included all types of ovens, except toaster ovens.

*Dishwasher.* Counter top dishwashers are not counted.

*Washing machine.* Any kind with a motor is counted.

*Clothes dryer.* Only clothes dryers with motors are counted, not hand-operated wringers or hand-turned spin dryers.

*Disposal in sink.* A disposal is a motorized device that grinds waste so it can flow through the waste water pipe.

*Trash compactor.* Only built-in motorized trash compactors are counted.

(See also ENERGY STAR® rated appliances, fuels.)

Tables: C-03-AO, C-03-OO, C-03-RO.

**Last used as a permanent residence.** The statistics refer to the length of time (in months) since units that are currently seasonal vacant were last used as a permanent residence and are measured as of the date of interview. Units that have always been used for short-term or seasonal occupancy are classified as “Never occupied as permanent home.” (See also vacant units.)

Table: C-00-AH.

**Lenders of primary and secondary mortgages.** For units with one or more regular or home-equity lump-sum mortgages. The data are classified by whether the money was borrowed from a financial institution, the seller of the property, or from another source.

*Financial institutions* consist of banks, mortgage corporations, mortgage brokers, pension plans, credit unions, and savings and loan associations.

*Another source* includes anyone who was not the most recent owner.

Table: C-14B-OO.

**Line-of-credit amount used for home additions, improvements, or repairs.** This is the percentage of the dollar amount of home-equity loans used for home additions, improvements, or repairs. Includes only expenditures to the residence and excludes work done to nonresidential properties. (See also home-equity line-of-credit, line-of-credit monthly payment, current line-of-credit interest rate, total outstanding line-of-credit loans, total home-equity line-of-credit limit.)

Table: C-14A-OO.

**Line-of-credit monthly payment.** This is the monthly payment on the line-of-credit paid to the bank at the present interest rate. (See also home-equity line-of-credit, current line-of-credit interest rate, total outstanding line-of-credit loans, total home-equity line-of-credit limit, line-of-credit amount used for home additions, improvements, or repairs.)

Table: C-14A-OO.

**Living quarters.** (See housing units.)

**Location of extra unit.** Designates how close the unit is to the owner's current residence. (See also extra unit.)

Table: C-00-AH.

**Lot size.** Lot size includes all connecting land that is owned or rented with the home. Excluded are two-or-more-unit buildings and two-or-more-unit mobile homes. Median lot size is shown to hundredths of an acre. For renters,

the acreage reported includes only the house and land for which they are paying rent and not the entire acreage or property of the owner.

Tables: C-02-AO, C-02-OO, C-02-RO.

**Lower cost state and local mortgages.** Many state, county, and local government programs offer financing for qualifying low-to-moderate income families wishing to purchase their first home. These programs typically offer more relaxed qualifying guidelines, lower upfront fees, lower interest rates, and fixed rates.

These are loans generally 1 to 3 percent below the current mortgage interest rate at the time the loan was made. These loans are managed through the state or local governments and financed from the proceeds from mortgage revenue bonds. The borrower makes application through the lending institution (bank, etc.) after the instruments have been publicly advertised and these are made on a first-come, first-serve basis. An example would be loans for first-time homebuyers. Excludes federally funded Department of Veterans Affairs (VA) and Rural Housing Service/Rural Development (RHS/RD) programs. (See also guarantors of primary mortgages.)

Table: C-14B-OO.

**Main heating equipment.** Data are collected for the main heating equipment and other heating equipment used in addition to the main heating equipment. More than one category of "Other heating equipment" could be reported for the same household. Only one type of equipment is shown as the "Main heating equipment."

*Warm-air furnace.* A central system that provides warm air through ducts leading to various rooms.

*Steam or hot water system.* A central heating system in which heat from steam or hot water is delivered through radiators or other outlets. It also includes solar-heated hot water that is circulated throughout the home.

*Electric heat pump.* A heating and cooling system that utilizes indoor and outdoor coils, a compressor, and a refrigerant to pump in heat during the winter and pump out heat during the summer. Only heat pumps that are centrally installed with ducts to the rooms are included in this category. Others are included in wall units.

*Built-in electric units.* Units permanently installed in floors, walls, ceilings, or baseboards.

*Floor, wall, or other built-in hot-air unit without ducts.* A system that delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed.

*Room heater with flue.* Nonportable room heaters in the wall or freestanding heaters that burn liquid fuel and are

connected to a flue, vent, or chimney to remove smoke and fumes.

*Room heater without flue.* Any room heater that burns kerosene, gas, or oil, and that does not connect to flue, vent, or chimney.

*Portable electric heater.* Heaters that receive current from an electrical wall outlet.

*Stove.* Any range or stove that burns solid fuel including wood burning, potbelly, and Franklin stoves.

*Fireplace with inserts.* A fan-forced air circulation system installed in the fireplace to force the heat into the room.

*Fireplace without inserts.* Glass door fire screens or fire backs inserted in the back of the fireplace to reflect heat passively.

*Cooking stove.* Gas or electric ranges or stoves originally manufactured to cook food.

*Other.* Includes any heating equipment that does not fit the definition for any of the previous definitions.

(See also heating problems, fuels, ENERGY STAR® rated appliances, other heating equipment, systems and equipment.)

Tables: C-03-AO, C-03-OO, C-03-RO, C-11-AO, C-11-OO, C-11-RO, C-12-AO, C-12-OO, C-12-RO.

**Main house heating fuel.** (See fuels.)

Tables: C-03-AO, C-03-OO, C-03-RO.

**Main reason for choice of present home.** (See choice of present home.)

Tables: C-07-AO, C-07-OO, C-07-RO.

**Main reason for choice of present neighborhood.** (See choice of present neighborhood.)

Tables: C-07-AO, C-07-OO, C-07-RO.

**Main reason for leaving previous residence.** (See reasons for leaving previous residence.)

Tables: C-06-AO, C-06-OO, C-06-RO

**Major source of down payment.** This item refers to the source of the cash used for down payment or outright purchase of the property (house or lot). If more than one source applied, the one providing the largest amount was recorded.

*Sale of previous home.* Reported only if the previous home was sold during the 12 months preceding the acquisition of the present home.

*Savings, or cash on hand.* Includes money drawn as bank deposits, credit unions, share accounts, saving bonds,

certificates of deposits (CDs), money market funds, and IRA or KEOGH accounts.

*Sale of other investment.* Includes the sale of other real property or real estate other than the previous home or from the sale of other investments such as stocks, municipal or corporate bonds, mutual funds, or dissolved business ventures.

*Borrowing other than a mortgage on this property.* Shown if the present owner borrowed the down payment, even if the property was mortgaged.

*Inheritance or gift.* The source was categorized as an inheritance or a gift.

*Land where building built used for financing* means the land on which the structure was built was used as the present owner's equity in the property.

*Other.* Sources of down payment that do not fit any of the above categories were recorded in this category.

(See also down payment.)

Table: C-13-OO.

**Manufactured/mobile home.** A manufactured/mobile home is defined as a housing unit that was originally constructed to be towed on its own chassis (also called HUD Code homes). It may be built in one or more sections. Since the sections are attached side-by-side at the home site, the number of sections determines the size of the final home. Size, therefore, is measured as the number of sections "wide." A unit composed of two sections is a doublewide; three sections is a triple wide, etc. Singlewide units come from the factory as one section. It also may have permanent rooms attached at its present site or other structural modifications. The term does not include prefabricated buildings, modular homes, travel campers, boats, or self-propelled vehicles like motor homes. Some people use the terms trailer or manufactured housing in the same sense as mobile homes. Manufactured/mobile homes, however, are not the same as modular/panelized homes. (See also housing units.)

**Manufactured/mobile home anchoring.** Manufactured/mobile home or trailer tiedowns are ground-anchor foundation systems that give physical stability to manufactured/mobile homes. (See also manufactured/mobile homes, housing units.)

Tables: C-01-AH, C-01-AO, C-01-OO, C-01-RO.

**Manufactured/mobile home set up.** Manufactured/mobile homes are placed on a permanent masonry foundation; rest on concrete pads; or are up on blocks, but not on concrete pads. (See also manufactured/mobile homes, housing units.)

Tables: C-01-AH, C-01-AO, C-01-OO, C-01-RO.

**Manufactured/mobile home size.** A manufactured/mobile home is defined as a housing unit that was originally constructed to be towed on its own chassis (also called HUD Code homes). It may be built in one or more sections. Since the sections are attached side-by-side at the home site, the number of sections determines the size of the final home. Size, therefore, is measured as the number of sections "wide." A unit composed of two sections is a doublewide; three sections are a triple wide, etc. Singlewide units come from the factory as one section. It also may have permanent rooms attached at its present site or other structural modifications. (See also manufactured/mobile homes, housing units.)

Tables: C-01-AH, C-01-AO, C-01-OO, C-01-RO.

**Manufactured/mobile home site placement.** This item is collected for manufactured/mobile homes. "Site" refers to location (other than the manufacturer's or dealer's lot) and not necessarily a manufactured/mobile home park site. A manufactured/mobile home does not have to be occupied at each site as long as it is set up for occupancy. (See also lot size, manufactured/mobile homes, housing units.)

Tables: C-01-AH, C-01-AO, C-01-OO, C-01-RO.

**Manufactured/mobile homes in group.** Manufactured/mobile homes or mobile home sites gathered close together are considered to be in a "group." This may be a mobile home park or it may be a number grouped together on adjacent individually owned lots not in a mobile home park. (See also manufactured/mobile homes, housing units.)

Tables: C-01-AH, C-01-AO, C-01-OO, C-01-RO.

**Means of sewage disposal.** Type of system used for sewage disposal.

A *public sewer* is connected to a city, county, sanitary district, neighborhood, or subdivision sewer system, serving six or more units.

A *septic tank* or *cesspool* is an underground tank or pit used for disposal of sewage (serving five or fewer units).

A *chemical toilet*, which may be inside or outside the unit, uses chemicals to break down or dissolve sewage.

Housing units for which sewage is disposed of in some other way are included in the other category.

(See also sewage disposal breakdowns.)

Tables: C-04-AO, C-04-OO, C-04-RO, C-11-AO, C-11-OO, C-11-RO, C-12-AO, C-12-OO, C-12-RO.

**Median.** Median is the 50th percentile and is often the better measure of "typical" than is the mean or average. It is found by ordering all values in a data set from lowest to highest and then finding the value that lies in the exact middle. If there is an even number of cases, then the

average of the two values in the middle is considered to be the median. In other words, 50 percent of the values in the data set are lower than the median and 50 percent are higher. All medians, except the median for “Year Structure Built” are calculated in this way. As “Year Structure Built” is categorical for years prior to 2000, we estimate the median from the distribution (i.e., and interpolated median). For example, if there are 10 million homes built, then the median is the 5 millionth or halfway point of these homes. Therefore, if 5 million homes were built before between 1975 and 1979, then the median is the halfway point between 1975 and 1979. Similarly, if one-third of the homes were built between 1980 and 1984, then the median is one-third of the way between 1980 and 1984, which would be 1981.

**Median monthly housing costs for owners.** In addition to the median for “Monthly housing costs,” this item gives two additional medians for owner-occupied units. The first median includes maintenance costs in addition to those items included in “Monthly housing costs.” The second median excludes second and subsequent mortgages, installment loans or contracts, and maintenance costs, but includes all remaining items listed in “Monthly housing costs.” (See also monthly housing costs, monthly cost paid for real estate taxes.)

Table: C-10-OO.

**Mental disabilities.** A person with a mental disability has serious difficulty concentrating, remembering, or making decisions. This includes Alzheimer’s disease, dementia, and serious learning disabilities. (See also disabilities.)

Tables: S-02-AO, S-02-OO, S-02-RO.

**Metropolitan area (MSA).** Metropolitan areas are composed of whole counties (towns in New England) that have significant levels of commuting and contiguous urban areas in common. They may cross state lines and usually include large amounts of rural land and farmland, provided the county or town as a whole qualifies.

Since 1985, the National AHS has used the official list of metropolitan areas published on June 27, 1983, by the Office of Management and Budget as OMB Bulletin 83-20. That list was developed from definitions published January 3, 1980, in the Federal Register, Volume 45, pages 956–963. AHS still uses these 1983 boundaries for data in the microdata files to measure change consistently over time. However, AHS uses the 1990 census-based geography for the data in the 2003 national publication and beyond. The definitions do not conform to our 2003 OMB definitions.

The National microdata identify parts of many metropolitan areas. The sample size is usually too small for analysis, but researchers may group the areas (e.g., by growth rate, turnover rate, and size) to have enough cases in each group to analyze. Metropolitan area codes are shown for (a)

central cities of a metropolitan area where they had total 1980 population of 100,000 or more, and (b) urbanized suburbs of a metropolitan area where they had total 1980 population of 100,000 or more. In some areas, only central cities or only suburbs met the cutoff, so only those sample cases show metropolitan codes. Other sample cases show 9999 as their metropolitan code, which is a suppression for confidentiality that does not affect the printed publications.

Since 1995, the metropolitan AHS has used HUD definitions of metropolitan areas. These start from the definitions of the Office of Management and Budget, but some outlying areas are omitted from the HUD definitions. Those counties have enough commuting to meet the OMB definition, but HUD believes they are not part of the same housing market as the rest of the area and need to be omitted for housing analysis. The areas for a given year included in and excluded from each metropolitan area are listed in the front of the publications for that year.

**Metropolitan/nonmetropolitan area.** (See metropolitan area.)

**Midwest.** (See Census regions and divisions.)

**Mobility devices.** Includes everyone in the household that uses any of the following equipment: manually-operated wheelchair, motorized wheelchair, chairlift, crutches, cane or walker, or something else. Excludes equipment used temporarily for injuries. (See also accessibility features in home, disabilities, home accessibility problems reported, wheelchair accessible features available.)

Tables: S-02-AO, S-02-OO, S-02-RO.

**Mold.** Mold spores can sometimes cause health problems. As part of the new Healthy Homes module respondents were asked if in the last 12 months there was mold covering an area greater or equal to the size of an 8 inches x 11 inches piece of paper. (See also musty smells.)

Tables: S-01-AO, S-01-OO, S-01-RO.

**Monthly costs paid for electricity/fuel oil/piped gas.** (See monthly housing costs.)

Tables: C-10-AO, C-10-OO, C-10-RO.

**Monthly cost paid for real estate taxes.** This item is calculated from yearly estimates and includes special assessments, school taxes, county taxes, and any other real estate taxes. Rebates are subtracted from the total. Excluded are payments on delinquent taxes due from prior years. In cases where real estate taxes are included with the mortgage (in escrow), a separate amount for the taxes is obtained. To determine average monthly cost, yearly cost was divided by 12. Medians for real estate taxes are rounded to the nearest dollar. (See also monthly housing costs, median monthly housing costs for owners.)

Table: C-10-OO.

## Monthly costs paid for selected utilities and fuels.

(See Monthly housing costs.)

Tables: C-10-AO, C-10-OO, C-10-RO.

**Monthly housing costs.** Monthly housing costs for owner-occupied units include the sum of monthly payments for all mortgages or installment loans or contracts, except reverse annuity mortgages and home-equity lines of credit. Costs also include real estate taxes (including taxes on manufactured/mobile homes and manufactured/mobile home sites if the site is owned), property insurance, homeowner association fees, cooperative or condominium fees, mobile home park fees, land rent, and utilities. Costs do not include maintenance and repairs.

Monthly housing costs for *renter-occupied* housing units include the contract rent, utilities, property insurance, and mobile home park fee. Renter housing units occupied without payment of cash rent are shown separately as “No cash rent.” (Households who do not pay cash rent may still pay utilities). For rental units subsidized by a housing authority, the federal government, or state or local governments, the monthly rental costs reflect only the portion paid by the household and not the portion subsidized. The figures do not adjust for lost security deposits or the benefit of free rent offered by some owners.

Monthly housing costs for *vacant-for-rent* housing units include rent asked, but not utilities or other charges. The category, *Depends on income of the occupants*, means the rent charged will vary depending on the occupant's income, such as in public housing or some military housing.

The term *utilities* here include electricity, gas, fuels (oil, coal, kerosene, or wood), water, sewage disposal, garbage and trash collection, but not telephones or cable television. Utility costs are counted if they are paid by the occupant or by someone else, such as a relative, welfare agency, or friend. They may be paid separately or included in rent, condominium fee, or mobile home park fee and the AHS questions take care to avoid double-counting.

Data about the cost of utilities are not collected if the cost is included in rent, site rent, condominium or other fee, or if the fuel is not used or obtained free. The amount for each utility is the average for the past 12 months to take seasonal variations into account. Collecting information on utility costs is difficult. Unless a household subscribes to a continuous level-billing plan, utility costs fluctuate greatly from month to month. Heating bills are much higher in cold winters and air conditioning affects the electricity costs during summer. Some types of fuels may only be used in the winter, such as fuel oil. In other cases, households may receive a combined bill for more than one fuel. Respondents are asked to state their average monthly costs based on the last 12 months. Those costs for which the household can only provide a total cost for the year, the

average monthly cost is computed by dividing the yearly cost by 12. If the respondent does not know the exact cost, the interviewer accepts an estimate, probing as necessary to obtain the figure. (See also other housing costs per month, median monthly housing costs for owners, monthly cost paid for real estate taxes, monthly housing costs as percent of current income.)

Tables: C-10-AO, C-10-OO, C-10-RO, C-11-AO, C-11-OO, C-11-RO, C-12-AO, C-12-OO, C-12-RO.

## Monthly housing costs as percent of current income.

The yearly housing costs (monthly housing costs multiplied by 12) are expressed as a percentage of the total current income. Current income for families and primary individuals for most respondents is defined as the total income of the family and any primary individuals in the past year. Current income is not collected for every household member.

The percentage was computed separately for each unit and rounded to the nearest percent, so 25 to 29 percent means 24.5 to 29.49 percent. The percentage was not computed for units where occupants reported no income, a net loss, or no cash rent. The category *100 percent or more* counts units with housing costs exceeding income. This situation may mean inaccurate income or housing costs data or true but temporary situations. For most purposes, readers may wish to treat this line as missing or unreliable data. (See also current income, household composition, monthly housing costs.)

Tables: C-10-AO, C-10-OO, C-10-RO, C-11-AO, C-11-OO, C-11-RO, C-12-AO, C-12-OO, C-12-RO.

**Monthly mortgage payment.** The payment in effect as of the day of the interview. Includes principal, interest, taxes, and insurance (PITI).

Table: C-14A-OO.

## Monthly mortgage payment as percent of current income.

Computed by dividing the monthly mortgage payment by the total current income. Current income for families and primary individuals for most respondents is defined as the total income of the family and primary individuals in the past year. Current income is not collected for every household member.

The housing expense measure includes mortgage principal, interest payments, property taxes, hazard insurance, mortgage insurance, and association fees. The survey covers total money income in the 12 months before the interview. It covers people age 16 and older currently living in the housing unit, even if they lived elsewhere during some of the previous 12 months. The figures represent the amount of income before any deductions such as taxes, social security, union dues, bonds, and insurance. (See also current income, income, monthly mortgage payment.)

Table: C-14A-OO.

**Monthly payment change of primary mortgage over last 12 months.** For units reporting varying payments. Respondents were asked if their mortgage or loan payment increased or decreased over the last 12 months and by how much compared to 12 months ago. The respondents were then asked if the increase in their mortgage or loan payment became so great as to make it difficult to afford the new payment. (See also reason primary mortgage payment changed over last 12 months.)

Table: C-14B-OO.

**Monthly payment for principal and interest.** Any time money is borrowed (principal), the fee the lender charges for borrowing (interest) must be paid back. Lending institutions use the process of amortization to determine monthly payments, which is a combination of principal and interest.

The data present the monthly dollar amount paid on the mortgage for principal and interest only. They do not include that portion of the monthly payment used for property taxes, homeowner's insurance, and/or other charges. Medians for monthly payment for principal and for interest are rounded to the nearest dollar. (See also Monthly housing costs.)

Table: C-10-OO.

**Mortgage origination.** Data are shown for owner-occupied units with one or more mortgages.

*Placed new mortgages* data are classified by the date the new mortgage was obtained in relation to the date the property was acquired.

An *assumed mortgage* indicates that the current owner assumed the previous owner's mortgage when the property was acquired and has not been refinanced.

A *wrap-around mortgage* is a mortgage with a face value that encompasses the unpaid balance of the first mortgage(s), plus the amount of any new funds extended by the wrap-around lender.

*Combination of the above* means that there was more than one method of origination for the outstanding mortgages on the property.

Table: C-14B-OO.

**Mortgage.** A mortgage or similar debt refers to all forms of debt for which the property is pledged as security for payment of the debt. It includes such debt instruments as deeds of trust, trust deeds, mortgage bonds, home-equity lines-of-credit, home-equity lump-sum loans, and vendors' liens.

In trust arrangements, usually a third party known as the trustee, holds the title to the property until the debt is paid. In home-equity lines of credit, home-equity lump sum loans, and vendors' lien arrangements, the title is kept by the buyer but the seller (vendor) reserves, in the deed to

the buyer, a lien on the property to secure payment of the balance of the purchase price.

Also included are contracts to purchase, land contracts, and lease-purchase agreements where the title to the property remains with the seller until the agreed upon payments have been made by the buyer. A purchaser who is buying a property by means of a contract to purchase may not consider himself/herself the owner, since the seller has title to the property; however, for the purpose of this survey, the purchaser is considered the owner. Most of the time if there is a debt on the property, it will be a mortgage, or in certain States, a deed of trust.

Detailed information on mortgages was collected in the AHS on the first three mortgages reported, even if the unit had four or more mortgages. Based on this information, one of the mortgages was considered to be primary. The definition of the primary mortgage may not agree with legal definitions of a "first mortgage," which would be paid first after a foreclosure.

If there is only one mortgage, it is primary. If two or more mortgages exist (secondary), the following hierarchy was used (1) Federal Housing Administration (FHA), Veterans Administration (VA), or Farmers Home Administration (FmHA) mortgage; (2) assumed mortgage; (3) mortgage obtained first; (4) largest initial amount borrowed. If the owner(s) had both a regular and a lump-sum home-equity mortgage, priority was given to the regular mortgage(s) for collecting detailed information.

**Mortgages currently on property.** The owner or the owner's spouse was asked the number of mortgages or similar loans (including home equity loans) currently in effect on the home. Data are shown for the number of units with the following mortgage categories:

*Owned free and clear.* There is no mortgage on the property. Since no debt owed on the home, the owner's equity in the home equals the home's value. The owner can, therefore, use 100 percent of his/her equity in the home as collateral for a new debt or as profit if the home is sold.

*Reverse mortgages.* These were defined to the respondent as "reverse annuity mortgage or home-equity conversion mortgage." These mortgages involve borrowing against home equity for retirement or income and sometimes do not need to be repaid until after the owner's death.

*Regular and/or home-equity mortgage.* Types of mortgages include:

- *Regular mortgages.* Fixed rate loans, adjustable rate loans, ARM, or any loan where a fixed amount was borrowed and must be repaid at predetermined intervals. Regular mortgages include all mortgages not classified as home-equity credit lines or reverse annuity mortgages.

- **Home equity mortgage.** There are two kinds of home equity mortgages. A home-equity lump-sum loan allows the lender to receive a set amount all at once. A home-equity line-of-credit is an arrangement in which one may withdraw funds at any time up to a set limit. Home equity mortgages are loans, usually a second mortgage, that allow a property owner to borrow cash against the equity of a home at any time, up to a predetermined amount, without reapplying for a loan. Depending on the situation, lines-of-credit give an advantage to access the equity in different portions by giving the option to withdraw the funds whenever needed and make payments accordingly. With a home-equity line-of-credit, the respondent is able to use the equity of the property and take advantage of the tax savings. Excludes reverse annuity mortgages and home equity conversions.

Table: C-14A-OO.

**Motor skill problems reported.** Members of the household were asked if they were able to do the following without any special equipment: stoop, kneel, or bend; reach over their heads; or use their fingers to grasp small objects. (See also accessibility features in home, disabilities, mobility devices, wheelchair accessible features available.)

Tables: S-02-AO, S-02-OO, S-02-RO.

**MSA (Metropolitan Statistical Area).** (See metropolitan area.)

**Multiunit.** (See units in structure.)

**Musty smells.** Musty smells are smells of dampness, mold, or mildew. (See also mold.)

Tables: S-01-AO, S-01-OO, S-01-RO.

**Neighborhood search.** For units with respondents who moved from within the United States during the 12 months prior to the interview. The respondent was asked whether the respondent looked for a house/apartment in any other neighborhood. (See also choice of present neighborhood, recent mover comparison to previous neighborhood, home search.)

Tables: C-07-AO, C-07-OO, C-07-RO.

**New construction in last 4 years.** Units are classified as new construction if the unit was constructed 4 years or less from the date of the interview.

**Nights owner rented extra unit.** Determines how often people other than the owner used the extra unit during the 12 months prior to the interview. (See also extra unit.)

Table: C-00-AH.

**Nights owner spent at extra unit.** Indicates how often the owner used the extra unit during the 12 months prior to the interview. (See also extra unit.)

Table: C-00-AH.

**Northeast.** (See Census regions and divisions.)

**Not central city.** Formerly referred to as “suburb” in prior AHS reports, “not central city” is the portion of each metropolitan area that is not in any central city.

**Number of regular mortgages and home-equity mortgages.** (See mortgages currently on property.)

Table: C-14A-OO.

**Number of single children under 18 years old.** This category includes all household members under 18 years, whether related to the householder or not, who are not currently married (they have never been married or are divorced, separated, or widowed). For example, it includes currently unmarried children of lodgers and foster children. (See also household composition.)

Tables: C-08-AO, C-08-OO, C-08-RO.

**Occasional use/URE.** (See vacant units.)

**Occupied housing units.** A housing unit is classified as occupied if there is at least one person who lives in the unit as a usual resident at the time of the interview or if the occupants are only temporarily absent, for example, on vacation. However, if the unit is occupied entirely by people with a usual residence elsewhere, the unit is classified as vacant. By definition, the count of occupied housing units is the same as the count of households. (See also tenure.)

**Other activities on property.** Excludes rental units. Property consists of one or more tracts of land which the respondent considers to be the same property, farm, ranch, or estate. In most cases, property has a clearly defined meaning. For example, in a built-up area, the property is likely to consist of one house and lot. In open country, on the other hand, it may consist of a whole tract of land or a combination of two or more pieces of land. For a condominium, this item refers to the sample unit only.

*Medical* includes a doctor or dentist’s office regularly visited by patients.

*Commercial establishment* includes establishments located in the same building as the sample unit or located elsewhere on the property (such as grocery store, restaurant, gasoline station, and veterinary office). Those housing units that have no recognizable alterations to the outside of the house are not considered as having a commercial establishment (such as seamstress, tax consultant,

salesman, or an accountant). A farm is not classified as a commercial establishment.

(See also rooms used for business.)

Table: C-13-OO.

**Other additions and replacements.** These types of additions do not add to living space, but are physically attached to the building. Examples include an attached garage, carport, deck, or porch. (See also home improvement, interior additions and replacements, exterior additions and replacements.)

Tables: C-15-OO, C-16-OO.

**Other central air fuel.** In addition to the primary fuel used. (See also fuels.)

Tables: C-03-AH, C-03-AO, C-03-OO, C-03-RO.

**Other heating equipment.** Working heating equipment used in addition to the main heating equipment in the housing unit. More than one category of “Other heating equipment” could be reported for the same household. (See also main heating equipment, heating problems.)

Tables: C-03-AH, C-03-AO, C-03-OO, C-03-RO.

**Other housing costs per month.** For owners only.

A *homeowner’s association (HOA) fee* (excludes condominium and cooperative fees) is a fee charged for services such as upkeep of common property, including painting hallways, cleaning lobbies, mowing lawns, repairing laundry facilities, paving parking areas, and repairing street lights. The fee may include the use and maintenance of either indoor or outdoor swimming facilities or other recreational facilities (party rooms, pools, tennis courts, basketball courts, exercise rooms, and playground areas). In addition, the homeowner association fee can include payments for security personnel such as security guards, or services such as telephone answering service, maid service, or other domestic help.

*Mobile home park fees* are regular payments to the park management that could include site rental, utility charges, mail handling, and/or fees for the maintenance of common areas. Aside from mobile homes (where site rent is covered in mobile home park fees), in a few areas of the country, occupants may own the unit but not the land on which it stands.

*Land rent* refers to land that is rented or leased from the landowner and “ground rent” is paid. These leases are for long periods of time (50–100 years) when originated. The lease obligation transfers with the property and cannot be canceled.

The medians for other housing costs are rounded to the nearest dollar.

(See also monthly housing costs per month, median monthly housing costs for owners, monthly cost paid for real estate taxes, monthly housing costs as percent of current income.)

Table: C-10-OO.

**Other vacant.** (See vacant units.)

**Outside MSA.** (See metropolitan area.)

**Overall opinion of present neighborhood.** The data presented are based on the respondent’s overall opinion of the neighborhood. The respondent was asked to rate the neighborhood based on a scale from 1 to 10, where 10 is the best and 1 is the worst. The respondent defines neighborhood.

Tables: C-07-AO, C-07-OO, C-07-RO.

**Overall opinion of present structure.** The data presented are based on the respondent’s overall opinion of the house or apartment as a place to live. The respondent was asked to rate the structure based on a scale from 1 to 10, where 10 is the best and 1 is the worst.

Tables: C-07-AO, C-07-OO, C-07-RO.

**Own never-married children under 18 years old.**

This category includes any household member under 18 years old, if he or she has never been married and is a son, daughter, stepchild, or adopted child of the householder. By definition, children of subfamilies are not children of the householder, so they are excluded from this count. (See also household composition.)

Tables: C-08-AO, C-08-OO, C-08-RO.

**Owner.** An owner is someone whose name is on the deed, mortgage, or contract to purchase. (See also tenure.)

**Owner-occupied.** (See tenure.)

**Owner or manager on property.** For structures of two or more units, these statistics show the number of rental housing units with the owner or resident manager living on the property.

Table: C-17-RO

**Payment plans of primary and secondary mortgages.**

Data are presented separately for primary and secondary mortgages. The term “payment” refers to regular principal and interest payments only and not to payments for real estate taxes and property insurance.

*Fixed payment, self-amortizing* mortgages have payments that do not change during the term of the loan, with the principal payments sufficient to pay off the loan completely within the stated term.

*Adjustable rate mortgages* have interest rates that could be changed during the life of the mortgage, changing the amount of the payments required.

With *adjustable term mortgages*, the amount of the payment stays constant, but the number of payments required to pay off the loan can change over time as interest rates change.

*Graduated payment mortgages* allow monthly payments to change during the term of the mortgage by means other than a change in interest rate. These mortgages begin with lower payments that rise later in the life of the mortgage.

*Balloon mortgages* are those in which only part or none of the principal is paid off during the term of the loan (which commonly is about 5 years). At the end of the term, the principal is paid off in one lump sum, refinanced with a new loan, or extended by renewal of the loan.

Table: C-14A-OO.

**Percent of primary mortgage refinanced cash used for home additions, improvements, or repairs.**

This question is asked of homeowners who reported “to receive cash” as a reason for the refinance of their mortgage. These homeowners were asked what percentage was used for additions, improvements, or repairs to the home. (See also primary mortgage refinancing solicitation, cash received for in primary mortgage refinance, home improvements.)

Table: C-14B-OO.

**Persons.** Asked of all occupied units, data refer to how many people live in the unit.

Tables: C-08-AO, C-08-OO, C-08-RO.

**Persons 65 years old and over.** Data for the elderly include all households with householders 65 years and over. Note that this definition is narrower than in Department of Housing and Urban Development housing programs, which count as elderly all households where the householder or spouse is 62 or older or has a disability. (See also persons.)

Tables: C-08-AO, C-08-OO, C-08-RO.

**Persons other than spouse or children.** Data are shown for households with the following types of people:

*Other relatives of householder.* This category counts households that include any person related to the householder by blood, marriage, or adoption, except spouse, son, daughter, stepchild, or adopted child under 18 years old (regardless of marital status).

*Single adult offspring aged 18 to 29.* This category counts households with at least one member aged 18 to 29, if he or she is not currently married (that is, they have never

been married or are divorced, separated, or widowed) and is a son, daughter, stepchild, or adopted child of the householder. Note this category has the same marital status categories as Single children under 18 years old, but the same relationship to householder categories as Own never-married children. These are defined under “Household composition.”

*Single adult offspring 30 years of age or over.* This category counts households with at least one member aged 30 or older, if he or she is not currently married (that is, never been married or are divorced, separated, or widowed) and is a son, daughter, stepchild, or adopted child of the householder.

*Households with three generations.* For each person whose parent lives in the household, the parent (biological, adoptive, or stepparent) is identified in the questionnaire. Each person who is a child or grandchild of the householder is also identified. These codes keep count of households where the following live in the unit:

- 1. One or more sons, daughters, stepchildren, or adopted children of the householder or spouse (regardless of marital status or age) and one or more parents of the householder or spouse, or
- 2. One or more parents of the householder or spouse and one or more parents of these parents, or
- 3. One or more sons, daughters, stepchildren, or adopted children of the householder or spouse (regardless of marital status or age) and one or more of these children’s children (grandchildren of the householder or spouse, regardless of marital status or age).

Note that the definition of children is different from those in “Single children under 18 years old” and “Own never-married children.” The first does not involve relationship to householder and neither one involves marital status or age. Also, note that if a household has more than three generations it is still counted here. In addition to the three generations, there also may be other relatives in the household.

*Subfamily.* A subfamily is one of the following groups that do not include the householder or spouse, but are related to the householder and live in the household: (1) a married couple (with or without children of any type) or (2) one parent with one or more of his or her own never-married children under 18 years old. A common example of a subfamily is a young married couple sharing the home of the husband or wife’s parents.

*Subfamily householder.* For subfamilies that include a couple, the husband is defined as the subfamily householder; for other subfamilies, the parent is the householder.

*Households with other types of relatives.* This category counts households with relatives of the householder, other than the spouse, children, three generations, or subfamilies

already counted. Therefore, it includes relatives such as uncles, nieces, cousins, or grandchildren present without their parents. A household already counted in the above-mentioned categories may be counted again, as long as it has some additional relatives not counted above.

*Nonrelatives.* A nonrelative of the householder is any person in the household who is not related to the householder by blood, marriage, or adoption. Roomers, boarders, lodgers, partners, resident employees, wards, and foster children are included in this category.

*Co-owners or co-renters.* This category includes households for which the names of two or more unrelated household members are on the deed of ownership, mortgage, land contract, contract to purchase or similar document, or lease; or, if there is no lease, two or more unrelated household members are responsible for paying the rent.

*Lodgers.* This category is restricted to members of the household who pay rent to another household member and are 16 years or older; nonrelatives of the householder; not sons, daughters, stepchildren, or adopted children of a co-owner or co-renter; and not co-owners or co-renters themselves. This item does not use the “lodger” answer on relationship to the householder since it is less carefully defined than the question on lodgers rent. See also household and rent paid by lodgers.

*Unrelated children, under 18 years old.* This category counts households with members under 18 years old who are unrelated to the householder and are not co-owners, co-renters, or lodgers, regardless of marital status. Thus, it includes foster children and children of lodgers and employees as long as they are under 18.

*Other nonrelatives.* This category counts households with nonrelatives of the householder who are not co-owners, co-renters, lodgers, or under 18. For example, it includes employees and housemates who do not pay a regular rent as lodgers. It also may include households with nonrelatives counted in the categories below.

*One or more secondary families.* A secondary family is a group of two or more people who are related to each other by birth (parent/child, child less than 18 years old), marriage, or adoption, but who are not related to the householder or co-owner or co-renter. The unrelated secondary family may include people such as guests, roomers, boarders, or resident employees and their relatives living in a household.

*Two- to eight-person households, none related to each other.* None of the household members are related to any other household member. They may be co-owners, co-renters, lodgers, partners, employees, or foster children. The

publications make no distinction between housemates and unmarried partners.

Tables: C-08-AO, C-08-OO, C-08-RO.

**Persons per bedroom.** Persons per bedroom are computed for each occupied housing unit by dividing the number of people in the unit by the number of bedrooms in the unit. The figures shown, therefore, refer to the number of housing units having the specified ratio of people per bedroom. (See also persons per room.)

Tables: C-02-AO, C-02-OO, C-02-RO.

**Persons per room.** Persons per room are computed for each occupied housing unit by dividing the number of people in the unit by the number of rooms in the unit. The figures shown, therefore, refer to the number of housing units having the specified ratio of people per room. (See also persons per bedroom.)

Tables: C-02-AO, C-02-OO, C-02-RO.

**Persons—previous residence.** These data are shown for respondents who moved within the United States during the previous 12 months. All people were counted who lived at the previous residence at the time of the move, as well as those who usually lived there but were temporarily away. Persons who were staying there at the time of the move, but who had a usual residence elsewhere, were not counted. (See also persons.)

Tables: C-06-AO, C-06-OO, C-06-RO.

**Physical deficiencies/problems.** (See selected physical problems.)

**Physical disabilities.** A person with a physical disability has serious difficulty walking or climbing stairs. This is defined as difficulty walking up to three city blocks or climbing one flight of stairs. (See also disabilities.)

Tables: S-02-AO, S-02-OO, S-02-RO.

**Plumbing facilities.** The category “with all plumbing facilities” consists of housing units that have hot- and cold-piped water, as well as a flush toilet and a bathtub or shower. For units with less than two full bathrooms, the facilities are only counted if they are for the exclusive use of the occupants of the unit. Plumbing facilities need not be in the same room. Lacking some plumbing facilities or having no plumbing facilities for exclusive use means that the housing unit does not have all three specified plumbing facilities (hot- and cold-piped water, flush toilet, and bathtub or shower) inside the housing unit, or that the toilet or bathing facilities are also for the use of the occupants of other housing units. (See also complete bathrooms, flush toilet and flush toilet breakdowns, means of sewage

Table A-1.

**Poverty Thresholds**

| Total persons                             | HUD average limits (L50) Oct. 2010 to Sept. 2011 | HHS guidelines Mar. 2010 to Mar. 2011 | Poverty thresholds, January 2011 to December 2011 |                                           |        |        |        |        |        |        |        |           |
|-------------------------------------------|--------------------------------------------------|---------------------------------------|---------------------------------------------------|-------------------------------------------|--------|--------|--------|--------|--------|--------|--------|-----------|
|                                           |                                                  |                                       | Weighted average                                  | Number of related children under 18 years |        |        |        |        |        |        |        |           |
|                                           |                                                  |                                       |                                                   | None                                      | 1      | 2      | 3      | 4      | 5      | 6      | 7      | 8 or more |
| 1 person (unrelated individual) . . . . . | 22,450                                           | 10,890                                | 11,484                                            |                                           |        |        |        |        |        |        |        |           |
| Under 65 years . . . . .                  | 22,450                                           | 10,890                                | 11,702                                            | 11,702                                    |        |        |        |        |        |        |        |           |
| 65 years and over . . . . .               | 22,450                                           | 10,890                                | 10,788                                            | 10,788                                    |        |        |        |        |        |        |        |           |
| 2 persons . . . . .                       | 25,700                                           | 14,710                                | 14,657                                            |                                           |        |        |        |        |        |        |        |           |
| Householder under 65 years . . . . .      | 25,700                                           | 14,710                                | 15,139                                            | 15,063                                    | 15,504 |        |        |        |        |        |        |           |
| Householder 65 years and over . . . . .   | 25,700                                           | 14,710                                | 13,609                                            | 13,596                                    | 15,446 |        |        |        |        |        |        |           |
| 3 persons . . . . .                       | 28,900                                           | 18,530                                | 17,916                                            | 17,595                                    | 18,106 | 18,123 |        |        |        |        |        |           |
| 4 persons . . . . .                       | 32,100                                           | 22,350                                | 23,021                                            | 23,201                                    | 23,581 | 22,811 | 22,891 |        |        |        |        |           |
| 5 persons . . . . .                       | 34,650                                           | 26,170                                | 27,251                                            | 27,979                                    | 28,386 | 27,517 | 26,844 | 26,434 |        |        |        |           |
| 6 persons . . . . .                       | 37,250                                           | 29,990                                | 30,847                                            | 32,181                                    | 32,309 | 31,643 | 31,005 | 30,056 | 29,494 |        |        |           |
| 7 persons . . . . .                       | 39,800                                           | 33,810                                | 35,085                                            | 37,029                                    | 37,260 | 36,463 | 35,907 | 34,872 | 33,665 | 32,340 |        |           |
| 8 persons . . . . .                       | 42,350                                           | 37,630                                | 39,064                                            | 41,414                                    | 41,779 | 41,027 | 40,368 | 39,433 | 38,247 | 37,011 | 36,697 |           |
| 9 persons or more . . . . .               | 45,075                                           | 41,450                                | 46,572                                            | 49,818                                    | 50,059 | 49,393 | 48,835 | 47,917 | 46,654 | 45,512 | 45,229 | 43,487    |

Source: U.S. Census Bureau, Current Population Survey, 2011 Annual Social and Economic Supplement; U.S. Department of Housing and Urban Development (HUD) FY 2011 Income Limits, U.S. Department of Health and Human Services (HHS), Federal Register, Volume 76, Number 13, January 20, 2011, pp. 3637–3638.

disposal, selected physical problems—moderate–severe, systems and equipment.)

Tables: C-04-AO, C-04-OO, C-04-RO.

**Pool safety.** Includes a swimming pool anywhere on the grounds. Excludes wading pools or hot tubs. Respondents are asked if there is a fence that is at least 4 feet tall that goes all the way around the pool with a gate that closes and locks automatically. Fences around the yard do not count. A wall of the home cannot count as a side of the fence unless there is no way to access the pool area in that wall (i.e., no doors, windows, or opening of any kind).

Tables: S-01-AO, S-01-OO, S-01-RO.

**Potential winter heating hazards.** This question ascertains whether the unit's interior is free from heaters that could possibly cause carbon monoxide poisoning, a fire, or damage to the housing unit or household members.

Tables: S-01-AO, S-01-OO, S-01-RO.

**Poverty status.** The poverty data differ from official poverty estimates in two important respects:

1. Interest in housing affordability made it appropriate for AHS to adopt a poverty definition based on household income. The official method is based on the income of families and of individuals living without relatives. (Under the official approach, the poverty status of two unrelated individuals living together would be determined by comparing the income of each individual to the one-person poverty threshold. The result might be that both were in poverty, both were out of poverty, or one was in poverty and one was not. In the AHS publications, their poverty status was determined by comparing their combined income to the two-person poverty threshold). The effect of using household income is to

count about 6 percent fewer people in poverty than the official estimate. See Technical Paper X, "Effect of Using a Poverty Definition Based on Household Income," U.S. Department of Health, Education, and Welfare, 1976.

2. The official poverty estimates are based on the Annual Social and Economic Supplement to the Current Population Survey. Income questions in that survey measure income received during the previous calendar year. Income questions in the AHS measure income received during the 12 months just before the interview. Because interviews were conducted over several months, the AHS income measures do not pertain to a fixed period.

The poverty thresholds are based on the Department of Agriculture's 1961 Economy Food Plan and reflect different consumption requirements by number of adults and children. They consider only money income, not assets or benefits in kind, such as housing subsidies. The poverty thresholds are updated every year to reflect changes in the Consumer Price Index (CPI). The official thresholds are on the next page in Table A-1.

Note that in the official poverty thresholds, elderly are expected to need less than nonelderly in the one- to two-person groups. Also, note that an all-adult household is expected to need less than the same size household where one member is a child, but if additional members are children costs go down again.

These official poverty thresholds are different from the poverty guidelines published for program purposes by the U.S. Department of Health and Human Services (HHS). See source below in table. (Guidelines are 15.2 percent higher in Hawaii and 24.9 percent higher in Alaska than shown in Table A-1.)

The HUD "very low-income limits" (the L50 series) for four-person households are 50 percent of median family income

for families in each metropolitan area or Nonmetropolitan County. The HUD income limits vary among areas, and the average national HUD income limits in 2011 are shown (local details are at <[www.huduser.org/portal/datasets/il/il11/index.html](http://www.huduser.org/portal/datasets/il/il11/index.html)>).

The HUD adjustments for household size in the L50 series are roughly based on national average differences in housing cost. The HUD limits have smaller adjustments than the official and HHS poverty thresholds, which are based on food cost. Housing cost does not vary as much as food does between small and large households.

**Present and previous units.** The present unit is the one occupied by the householder or respondent at the time of the interview. The previous unit is the one from which the householder or respondent moved. If the householder or respondent moved more than once during the 12 months prior to the date of the interview, the previous unit is the one from which the householder or respondent last moved.

**Previous home owned or rented by current household member.** These data are shown for units where the householder moved from within the United States during the past year. Previous residence was in the United States and was a house, apartment, mobile home, or some other type of residence. The unit is considered owned even if the unit is mortgaged or not paid in full. The owner or co-owner of the previous home must be a household member at the current unit. Includes units being bought on land contract and owned units built on leased land.

For units being bought through a contract to purchase, the buyers may not consider themselves to be the owners because they do not hold title to the property. However, for purposes of this survey, these units are considered owned or bought. Adult children who have moved from their parents' home are considered renters unless they actually were co-owners at the parents' home.

Units are considered rented for payment if any rent is paid or if the unit is contracted for rent. The rent may be paid by persons not living in the unit (if the unit is not owned or being bought) or, if no rent is paid or the unit is not contracted for rent, by anyone living in the unit. Such units are usually provided in exchange for services rendered, payment in kind, or as an allowance or favor from a relative or friend who owns but does not live in the unit. If occupants pay only for utilities but do not pay any rent and they do not own it, the unit is reported as "Occupied without payment of rent."

For occupied manufactured/mobile homes or trailers, tenure is reported for the manufactured/mobile home or trailer itself and not for the site or the land on which it is located.

Tables: C-06-AO, C-06-OO, C-06-RO.

**Previous occupancy.** The statistics presented are restricted to housing units built in 2010 or later.

"Previously occupied" indicates that someone, or people not now in the household, occupied the housing unit prior to the householder or other related household members' occupancy. "Not previously occupied" indicates that either the householder or some other current household member was the first occupant of the housing unit.

Table: C-13-OO.

**Primary mortgage.** Detailed information on mortgages was collected in the AHS on the first three mortgages reported, even if the unit had four or more mortgages. Based on this information, one of the mortgages was considered to be primary. The definition of the primary mortgage may not agree with legal definitions of a "first mortgage," which would be paid first after a foreclosure.

If there is only one mortgage, it is primary. If two or more mortgages exist (secondary), the following hierarchy was used (1) Federal Housing Administration (FHA), Veterans Administration (VA), or Farmers Home Administration (FmHA) mortgage; (2) assumed mortgage; (3) mortgage obtained first; (4) largest initial amount borrowed. If the owner(s) had both a regular and a lump-sum home-equity mortgage, priority was given to the regular mortgage(s) for collecting detailed information.

**Primary mortgage refinancing solicitation.** The respondent was asked if he/she refinanced his/her mortgage or loan because the financial institution called the respondent on the telephone or sent a solicitation in the mail. (See also reason primary mortgage refinanced.)

Table: C-14B-OO.

**Primary source of water.** A public system or private system refers to any source supplying running water to six or more housing units. The water may be supplied by a city, county, water district, or private water company or it may be obtained from a well that supplies six or more housing units.

An *individual well* provides water for five or fewer housing units in only one or in several buildings. Includes well water that is hand drawn, wind drawn, or engine drawn; piped or not piped; stored in tanks; or used directly from the well.

A *drilled well* is made by well-drilling machines. A drilled well generally is less than 1 foot in diameter and has a mechanical pump that caps the well.

A *dug well* is usually hand-made and is quite shallow compared to drilled wells. If water is brought up with a pail or there is a hand pump, it is probably a dug well. Dug wells are generally 3 feet or more in diameter.

Water sources such as springs, cisterns, streams, lakes, or commercial bottled water are included in the *other* category.

(See also safety of primary source of water, safety of well water, source of drinking water, water supply stoppage.)

Tables: C-04-AO, C-04-OO, C-04-RO, C-11-AO, C-11-OO, C-11-RO, C-12-AO, C-12-OO, C-12-RO.

**Principal.** (See total outstanding principal amount.)

**Property insurance.** This item refers to insurance on the structure and/or its contents (such as furniture, appliances, or clothing) and usually contains some liability coverage to protect occupants should visitors have an accident on the premises. Renter's property insurance is limited to coverage for contents and, in some cases, liability. Renters usually do not have property insurance (renter's property insurance), but if they do, its cost is counted. The total cost is the most recent yearly cost for which the occupants have actually been billed. Yearly cost was divided by 12 before calculating a monthly median cost. Medians for property insurance are rounded to the nearest dollar. (See also monthly housing costs.)

Tables: C-10-AO, C-10-OO, C-10-RO.

**Purchase price.** This is the price that was paid at the time the property was acquired (house/apartment and lot), not the estimated value at the time of the interview. If only the house is owned, but not the land, the respondent is asked for a combined estimate of the value of the house and lot at the time of purchase. If the house was a single-family unit at the time of purchase, but was split into two or more units since the purchase, the purchase price is the value of the complete structure at the time of the purchase. Purchase price includes the costs of furnishings if the property was acquired furnished. An estimate is accepted if the respondent does not know the exact purchase price. Closing costs are excluded from the purchase price, and for mobile homes, the value of the land is excluded. The median purchase price is rounded to the nearest dollar.

Table: C-13-OO.

**Race and Hispanic origin.** The classification of "race" refers to the race of the householder occupying the housing unit. The concept of race as used by the Census Bureau does not denote a clear-cut scientific definition of biological stock. Race is determined based on a question that asked for self-identification of a person's race. For respondents who refused to answer or do not know are entered as such and imputed by the computer.

Hispanic is considered an ethnic origin rather than a race and is tallied separately.

Revisions to the OMB Statistical Policy Directive 15 designate five races (White, Black or African American, American

Indian or Alaska Native, Asian, and Native Hawaiian or other Pacific Islander) and two ethnic origins (Hispanic or Latino and non-Hispanic or Latino). In 2003, the AHS adopted the new terminology and allowed for reports of more than one race. See the topic "Race" in Appendix C.

The question on race using the new terminology included a list of five race categories. Respondents answering "Some other race" had their answer changed (allocated) to one of the other five categories (or a combination of them). The five race categories include:

- White
- Black or African American
- American Indian and Alaska Native
- Asian
- Native Hawaiian and Other Pacific Islander

People who responded to the question on race by indicating only one race are referred to as the race alone population or the group who reported only one race. For example, respondents who marked only the White category would be included in the "White alone" population. Individuals who chose more than one of the six race categories are referred to as the "two or more races" population or as the group who reported more than one race. For example, respondents who reported they were White and Black or African American, or White and American Indian, or Alaska Native and Asian would be included in the "two or more races" category.

Tables: C-08-AO, C-08-OO, C-08-RO.

**Ratio of value to current income.** The ratio of value to current income is computed by dividing the value of the housing unit by the total current income. Current income for families and primary individuals for most respondents is defined as the total income of the family and any primary individuals in the past year. Current income is not collected for every household member.

Income sources may be composed of: wages and salaries, self-employment, interest, dividends, rental income, social security or railroad retirement, retirement or survivor pensions, Supplementary Security Income (SSI), child support or alimony, public assistance or public welfare, food stamp benefits, disability payments, workers' compensation, veterans' disability, other disability, and other income (VA payments, unemployment, royalty, estates, and more).

The ratio is computed separately for each housing unit and is rounded to the nearest tenth. For value and current income, the dollar amounts are used. Units occupied by individuals who reported no income or a net loss composes the category *zero or negative income*. Medians for the ratio of value to current income are rounded to the nearest tenth. (See also current income, income sources of families and primary individuals, value.)

Table: C-13-OO.

**Real estate taxes.** (See monthly cost paid for real estate taxes.)

**Reason primary mortgage payment changed over last 12 months.** Units reporting a change in their mortgage payment were asked why their payment changed. (See also monthly payment change of primary mortgage over last 12 months.)

Table: C-14B-OO.

**Reason primary mortgage refinanced.** For units with a refinanced primary mortgage. Includes current primary mortgages that are regular mortgages (not lump sum home-equity loans). Excludes assumed or wrap-around mortgages. The interviewer reads a list of reasons people give for refinancing and asks respondent to give all reasons that apply. (See also primary mortgage refinancing solicitation.)

Table: C-14B-OO.

### **Reasons extra unit owned.**

*Previous usual residence.* Owner never sold the previous unit after moving to a new permanent residence.

*Used for recreational purposes.* Owned for the purpose of use during vacations/weekends/sports holidays, etc., but it should not be anyone's usual residence now.

*Investment purposes.* A decision has been consciously made to keep it for investment purposes, regardless of why it was obtained originally.

*Unable to sell property.* If the owner is currently attempting to sell the property but has not been successful yet. Excludes the property if it has not yet been put on the market or it has been on the market, but not in the last year.

*Inherited property.* The property was received as an inheritance in the settling of an estate.

*Other reasons.* This category is used if none of the other designations apply.

(See also extra unit.)

Table: C-00-AH.

**Reasons for choosing primary mortgage.** For owners with one or more regular or lump sum home-equity mortgages. Excludes refinanced mortgages. Respondents were asked if they chose their primary mortgage because of the interest rate, the payment amount, low closing costs, the expectation that future interest rates/payments would go down, or other reasons.

Respondents are asked to give all reasons that apply.

Table: C-14B-OO.

**Reasons for leaving previous residence.** These data are shown for units where the respondent moved during the 12 months before the interview. The distribution may not add to the total because the respondent was not limited to one reason.

*Private displacement.* Includes situations in which a private company or person wanted to use the housing unit for some other purpose (e.g., to develop the land or build commercially, to occupy the unit, to convert the unit to a condominium or cooperative, or to make repairs and renovate the unit).

*Government displacement.* The respondent was forced to leave by the government (local, state, or federal) because it wanted to use the land for other purposes (e.g., to build a road or highway, for urban renewal or other public activity, because the building was condemned, or some other reason).

*Financial/employment related.* Refers to financial or employment related reasons, such as foreclosure or a respondent moving to begin a new job or relocate due to a job transfer. It could also include situations in which the respondent moved because commuting was too far and respondent wanted to live closer to work, school, or some other commuting purpose. Other possibilities include wanting to look for a new or different job because the person entered or left the U.S. Armed Forces, retired, or some other financial/employment reason.

*Family/personal related.* Indicates that the respondent moved because of family or personal reasons such as marriage, death of a spouse, divorce, separation, or wanting to live closer to relatives.

*Housing related reasons.* Includes such reasons as respondent wanted larger yard, different zoning, or wanted a better investment. Other reasons include:

- *To establish own household.* The respondent left a previous residence, such as parent's home, rooming or boarding house, or shared apartment, to establish their own household.
- *Needed larger house or apartment.* Refers to moves that were necessary because of crowding or for aesthetic reasons.
- *Wanted better home.* The respondent moved because the previous residence was too old, run-down, in need of too many repairs, or if there was nothing wrong with the previous home, the respondent simply wanted to move to a better one.
- *Change from owner to renter,* or change from renter to owner indicates a change in tenure.
- *Wanted lower rent or less expensive maintenance.* Indicates that the respondent moved because the rent

(or mortgage) payments were too high at the previous residence or that the taxes or upkeep was too high.

*Evicted from residence.* Occurs due to nonpayment of rent or objectionable behavior by the renters.

*Disaster loss.* Includes damage by a tornado, storm, flood, earthquake, fire, landslide, or other similar occurrences.

*Other.* Includes examples such as respondent wanted a change in climate, neighborhood crime problem, and racial or ethnic composition of neighborhood.

Tables: C-06-AO, C-06-OO, C-06-RO.

**Recent mover.** Respondents who moved into the present unit 12 months prior to interview from within the United States.

Tables: C-06-AO, C-06-OO, C-06-RO; C-07-AO, C-07-OO, C-07-RO.

**Recent mover comparison to previous home.** Applies to units where the respondent moved from within the United States during the 12 months prior to the interview. This item is based on the respondent's comparison between the present unit and previous unit as to which was better. (See also home search, choice of present home, how respondent found current unit.)

Tables: C-07-AO, C-07-OO, C-07-RO.

**Recent mover comparison to previous neighborhood.** Applies to units where the respondent moved from within the United States during the 12 months prior to the interview. This item is based on the respondent's comparison between the present neighborhood and the previous neighborhood as to which was better. The definition of neighborhood is whatever the respondent considers it to be. (See also neighborhood search, choice of present neighborhood.)

Tables: C-07-AO, C-07-OO, C-07-RO.

**Reference interest rate for primary mortgages with varying payments.** The interest rate on an adjustable rate mortgage typically rises or falls in conjunction with one of the following: Prime mortgage interest rates (the rates at which banks and other mortgage lenders may lend money to customers with the best credit histories), treasury bill/bond rate (T-Bill rate), LIBOR (London Interbank Offered Rate), none (changes on specified schedule but doesn't depend on another rate). (See also frequency of interest rate adjustments for primary mortgages.)

Table: C-14B-OO.

**Regions.** (See Census regions and divisions.)

**Remaining years mortgaged.** The owner or owner's spouse was asked the length of time it would take to pay off the loan at the current payments. The response reflects

the amortization schedule. For example, in many balloon mortgages the initial monthly payments are calculated to pay off the loan in 30 years, though the mortgage is due in 5 years, and the 60th payment is very large. Such a mortgage would count here as 30 years, not 5 years, minus whatever number of years have passed. In the publications, medians for remaining years mortgaged are rounded to the nearest year. (See also year primary mortgage originated.)

Table: C-14A-OO.

**Remodeling.** A type of home improvement work done to the home in the last 2 years that does not formally fall under the description of routine maintenance. A remodel is defined as a job that made substantial changes to the room. This might include changing the layout of a room, but not tearing down or adding walls. Excludes decorating work such as painting, wallpapering, mirrors, curtains, and other furnishings. Respondents were only asked about kitchen and bath remodeling. (See also home improvement, room additions and renovations.)

Tables: C-15-OO, C-16-OO.

**Rent.** (See monthly housing costs.)

**Rent paid by lodgers.** This item refers to regular, fixed rent: a set amount of money, billed or charged, which is paid at regular intervals by a lodger (usually weekly or monthly) to a member of the household. This category is restricted to lodgers who are 16 years and older, nonrelatives of the householder, and people who are not spouses of a co-owner or co-renter, not children of a co-owner or co-renter, and not co-owners or co-renters themselves. Medians for rent paid by lodgers are rounded to the nearest dollar.

Tables: C-10-AO, C-10-OO, C-10-RO.

**Rent reductions.** Eligible renters may be eligible for subsidies that reduce the cost of their rent.

*Rent control.* Increases in rent are limited by estate or local law. The jurisdiction, state, or local agency mandates that rent increases may not exceed some level or must be approved by the government. This category does not include limits that HUD puts on all rental projects insured by the Federal Housing Administration.

*Owned by a public housing authority.* The unit is owned by any local or state government agency and operated as public housing. These organizations may receive subsidies from the federal or state government, but the local agency owns the property.

*Government subsidy.* The household pays a lower rent because a federal, state, or local government program pays part of the cost of construction, mortgage, or operating expenses. These programs include rental assistance programs where HUD, direct loan programs of HUD, and/

or the Department of Agriculture for reduced cost housing pay part of the rent for low-income families. Units requiring income verification are usually subsidized. Subsidies for homeowners, including HUD subsidies for cooperatives, are not counted since the questions are asked only of renters.

*Other income verification* means that the occupants are asked questions about their income when their lease is up for renewal, but they were unable to identify what type of rent reduction they received, if any.

(See also poverty status.)

Table: C-17-RO.

**Rental vacancy rate.** The rental vacancy rate is the number of vacant year-round units for rent as a percent of the total rental inventory (i.e., all renter-occupied housing units and all year-round vacant housing units for rent or rented, not occupied).

**Rented or sold.** (See vacant units.)

**Renter.** A person whose name is on the lease. If there is no lease, a renter is a person responsible for paying the rent. (See also tenure.)

**Renter maintenance quality.** Renters were asked their opinions of owner's response time and if owners were polite and considerate for maintenance and repairs of major and minor problems. The definition of a major or minor problem was left up to the discretion of the respondent. Satisfaction was measured by the following choices: "usually," "not usually," "very mixed," "haven't needed any," and "landlord not responsible for maintenance." When problems occurred, renters were asked if problems were solved quickly once repairs started. (See also building and ground maintenance.)

Table: C-17-RO.

**Renter-occupied.** (See tenure.)

**Respondent.** Any knowledgeable adult household member is technically eligible to act as the respondent. That is, the one who is the most knowledgeable household member who appears to know—or might reasonably be expected to know—the answers to all or the majority of the questions.

**Reverse annuity mortgages.** (See mortgages currently on property and types of mortgages.)

**Room additions and renovations.** A type of home improvement work done to the home in the last 2 years that does not formally fall under the description of routine maintenance. The question associated with bathroom/kitchen renovations asks if the homeowner renovated or altered the room by changing its structure (that is moving/adding/removing walls). This would capture bathrooms

that were built out into existing closet space, etc. or anything else that involved changing the structure of the existing room. Excludes decorating work, such as, painting, wallpapering, mirrors, curtains, and other furnishings. (See also home improvement and remodeling.)

Tables: C-15-OO, C-16-OO.

**Rooms.** Rooms counted include whole rooms used for living purposes, such as bedrooms, living rooms, dining rooms, kitchens, recreation rooms, permanently enclosed porches that are suitable for year-round use, lodger's rooms, and other finished rooms. Also included are rooms used for offices by a person living in the unit.

A dining room, to be counted, must be a separate room. It must be separated from adjoining rooms by built-in archways or walls that extend at least 6 inches from an intersecting wall. Half walls or bookcases count if built-in. Movable or collapsible partitions or partitions consisting solely of shelves or cabinets are not considered built-in walls.

Bathrooms, laundry rooms, utility rooms, walk-in closets, pantries, and unfinished rooms are not counted as rooms.

Tables: C-02-AH, C-02-AO, C-02-OO, C-02-RO, C-11-AO, C-11-OO, C-11-RO, C-12-AO, C-12-OO, C-12-RO.

**Rooms used for business.** Collected for occupied units only, a room used for business is set up for use as an office or business for a business owner, contract worker, self-employed person, commercial use (such as daycare or catering), or regular job. The question asked if rooms were exclusively used for business space. Follow-up questions asked if there was direct access to the outside without going through any other room and whether the space was used both as business space and for personal use. (See also other activities on property.)

Tables: C-02-AO, C-02-OO, C-02-RO.

**Routine maintenance in last year.** Routine maintenance consists of regular maintenance activities necessary for the preventive care of the structure, property, and fixed equipment items. Included are such things as painting; papering; floor sanding; restoring of shingles; fixing water pipes; replacing parts of large equipment, such as a furnace; repairing fences, gutters, sidewalks, decks, or patios; removing dangerous trees; or termite inspection. Housecleaning is not included. Routine maintenance does not include work reported under the section on replacements and alterations. Medians for routine maintenance are rounded to the nearest dollar. (See also home improvement.)

Table: C-15-OO.

**Safety equipment.** Safety equipment installed inside the home includes: (1) a working smoke/carbon monoxide

detector powered by electricity, batteries, or both (respondent is asked if the batteries in the smoke/carbon monoxide detector have been replaced in the last 6 months); (2) fire extinguishers purchased or recharged in the last 2 years; and (3) sprinkler systems.

Tables: S-01-AO, S-01-OO, S-01-RO.

**Safety of primary source of water.** Water was considered safe (consumable or potable) if the main water source was used or could be used for drinking. The respondent was not asked what water source the household used for drinking, but whether or not the main water source was safe for cooking and drinking. This item excludes units where the primary source of household water was commercial bottled water. (See also primary source of water, safety of well water, source of drinking water, water supply stoppage.)

Tables: C-04-AO, C-04-OO, C-04-RO.

**Safety of well water.** Respondents were asked if the well that provides water to their home has ever been disinfected since they have occupied their home. (See also primary source of water, safety of primary source of water, source of drinking water, water supply stoppage.)

Tables: C-04-AO, C-04-OO, C-04-RO.

**Sample size.** (See Appendix B.)

Tables: C-01-AH, C-01-AO, C-01-OO, C-01-RO.

**Seasonal units.** These units are intended by the owner to be occupied during only certain seasons of the year. They are not anyone's usual residence. A seasonal unit may be used in more than one season, for example, for both summer and winter sports. Published counts of seasonal units also include housing units held for occupancy by migratory farm workers. While not currently intended for year-round use, most seasonal units could be used year-round. (See also vacant units.)

Tables: C-00-AH, C-01-AH, C-02-AH, C-03-AH.

**Secondary mortgages.** (See mortgages, payment plan of secondary mortgage, lenders of primary and secondary mortgages.)

**Secondhand smoke entering home.** In order to determine whether or not smoke entering the home is first-hand or second-hand, this question is asked only of housing units who do not have any household members who smoke tobacco inside the home and who do not have any visitors who smoke tobacco inside the home. The respondent is asked how often second-hand smoke has entered the home from somewhere else in or around the building in the last 12 months.

Tables: S-01-AO, S-01-OO, S-01-RO.

## **Selected amenities.**

*Porch, deck, balcony, or patio* is counted if it is attached to the sample unit, not just to the building or free standing. Porches may be enclosed or open. The porch, deck, balcony, or patio is only counted if it is at least 4 feet by 4 feet.

*Telephone available.* Includes landlines, cell phones, office phones, beepers, pagers, pay phones, and any other devices that require a telephone number.

*Usable fireplace* excludes the following: fireplaces that have been blocked off or whose chimney or flue has been filled, decorative or artificial fireplaces and wood stoves, even if shaped like a fireplace. Freestanding fireplaces are included in this item.

*Separate dining room* is an area separated from adjoining rooms by archways or walls that extend at least 6 inches from an intersecting wall. See also rooms.

*Living rooms, recreation rooms, etc.,* includes family rooms, dens, recreation rooms, and/or libraries.

(See also other additions and replacements.)

Tables: C-02-AH, C-02-AO, C-02-OO, C-02-RO, C-11-AO, C-11-OO, C-11-RO, C-12-AO, C-12-OO, C-12-RO.

## **Selected deficiencies.**

*Signs of mice, rats, or cockroaches.* Refers to respondents who reported seeing mice, rats, or cockroaches or signs of mice or rats inside the house or building during the 3 months prior to interview or while the household was living in the unit if less than 3 months. Signs of mice or rats include droppings, holes in the wall, or ripped or torn food containers. If the respondent is not sure, whether they have seen a mouse or a rat, "rodents" is also an acceptable answer.

*Holes in floors.* Describes the interior floors of the unit. The holes may or may not go all the way through to a lower floor or to the exterior of the unit. The holes are only counted if large enough for someone to trip in.

*Open cracks or holes (interior).* Describes the walls or ceilings of the housing unit. Included are cracks or holes that do not go all the way through to the next room or to the exterior of the housing unit. Hairline cracks or cracks that appear in the walls or ceilings, but are not large enough to insert the edge of a dime are not counted. Very small holes caused by nails or other similar objects are also not counted.

*Broken plaster or peeling paint (interior).* Describes the inside walls or ceilings and at least one area of broken plaster or peeling paint must be larger than 8 inches by 11 inches.

*Exposed wiring.* Any wiring that is not enclosed, either in the walls or in metal or plastic coverings. Excluded are appliance cords, extension cords, chandelier cords, and telephone, antenna, or cable television wires.

*Rooms without electric wall outlets.* Included are rooms without at least one working electric wall outlet. A working electric wall outlet is one that is in operating condition; that is, it can be used when needed. If a room does not have an electric wall outlet, an extension cord used in place of a wall outlet is not considered to be an electric wall outlet.

(See also interior additions and replacements.)

Tables: C-05-AO, C-05-OO, C-05-RO.

**Selected physical problems—moderate.** A unit has moderate physical problems if it has any of the following four problems, but none being severe:

*Plumbing.* On at least three occasions during the last 3 months, all the flush toilets were broken down at the same time for 6 hours or more (see the definition “Flush toilet and flush toilet breakdowns”).

*Heating.* Having unvented gas, oil, or kerosene heaters as the primary heating equipment.

*Kitchen.* Lacking a kitchen sink, refrigerator, or cooking equipment (stove, burners, or microwave oven) inside the structure for the exclusive use of the unit.

*Upkeep.* Having any three or four of the six problems listed under “Physical problems—severe” under Upkeep.

(See also selected physical problems—severe.)

Tables: C-05-AO, C-05-OO, C-05-RO.

**Selected physical problems—severe.** A unit has severe physical problems if it has any of the following four problems:

*Plumbing.* Lacking hot- or cold-piped water or a flush toilet, or lacking both bathtub and shower, all inside the structure (and for the exclusive use of the unit, unless there are two or more full bathrooms).

*Heating.* Having been uncomfortably cold last winter for 24 hours or more because the heating equipment broke down and it broke down at least three times last winter for at least 6 hours each time.

*Electricity.* Having no electricity or all of the following three electric problems: exposed wiring, a room with no working wall outlet, and three blown fuses or tripped circuit breakers in the last 90 days.

*Upkeep.* Having any five of the following six maintenance problems: (1) water leaks from the outside, such as from the roof, basement, windows, or doors; (2) leaks from inside

structure, such as pipes or plumbing fixtures; (3) holes in the floors; (4) holes or open cracks in the walls or ceilings; (5) more than 8 inches by 11 inches of peeling paint or broken plaster; or (6) signs of rats in the last 90 days.

(See also selected physical problems—moderate.)

Tables: C-05-AO, C-05-OO, C-05-RO.

**Self-care disabilities.** A person with a self-care disability has serious difficulty dressing or bathing oneself. (See also disabilities.)

Tables: S-02-AO, S-02-OO, S-02-RO.

**Sewage disposal breakdowns.** Sewage disposal breakdowns are limited to housing units in which the means of sewage disposal was a public sewer, septic tank, or cesspool. Breakdowns refer to situations in which the system was completely unusable. Examples include septic tank being pumped because it no longer perked, tank collapsed, tank exploded, sewer main broken, sewer treatment plant not operating as a result of electrical failure, or water service interruption.

Data on breakdowns are shown if they occurred in the 3 months prior to the interview or while the household was living in the unit, if less than 3 months; and if the breakdown lasted 6 consecutive hours or more. Housing units with a breakdown in sewage disposal also are classified according to the number of breakdowns. (See also flush toilet breakdowns means of sewage disposal.)

Tables: C-05-AO, C-05-OO, C-05-RO.

**Single-unit.** (See units in structure.)

**Smoke detector.** (See safety equipment.)

Tables: S-01-AO, S-01-OO, S-01-RO.

**Source of drinking water.** Data are restricted to units where the respondent answered that the primary source of drinking water was not safe to drink. Units where the primary source of water is commercial bottled water are excluded. (See also primary source of water, safety of well water, safety of primary source of water, source of drinking water, water supply stoppage.)

Tables: C-04-AO, C-04-OO, C-04-RO.

**South.** (See Census regions and divisions.)

**Square feet per person.** Square feet per person are computed for each single-family, detached housing unit, and manufactured/mobile home by dividing the square footage of the unit by the number of people in the unit. The figures refer to the number of housing units having the specified square feet per person. Median square footage is rounded to the nearest foot. (See also square footage of unit.)

Tables: C-02-AO, C-02-OO, C-02-RO.

**Square footage of unit.** Housing size is shown for single-family, detached housing units, and manufactured/mobile homes. Excluded from the calculation of square footage are unfinished attics, carports, attached garages, porches that are not protected from weather (such as screened porches), and mobile home hitches. Both finished and unfinished basements are included. Median square footage is rounded to the nearest foot. Square footage is based on the respondent's estimate of the size of the unit. (See also square feet per person.)

Tables: C-02-AH, C-02-AO, C-02-OO, C-02-RO, C-11-AO, C-11-OO, C-11-RO, C-12-AO, C-12-OO, C-12-RO.

**Stairs.** Stairs are defined as three or more sets of steps inside the home. Questions about stairs are asked of all households, including one story homes and apartments because rooms can be separated by small sets of stairs. For multi-unit structures, stairs are only counted if they are in the respondent's actual unit, not just inside their building. Firmly attached railings refer to those secured enough to be used with complete confidence.

Tables: S-01-AO, S-01-OO, S-01-RO.

**Stories between main and apartment entrances.**

Data are presented for multiunit structures with two or more floors and are concerned with the number of floors from the main-entrance level of the building to the main entrance of the unit. "Same floor" indicates that the main entrance of the sample unit is on the same level as the main entrance that residents use to enter the building.

Tables: C-01-AH, C-01-AO, C-01-OO, C-01-RO.

**Stories in structure.** Excludes manufactured/mobile homes. Any basement is included, whether finished or not. Finished attics also are included; unfinished attics are not. For split levels and bi-levels, the highest number of floors that are physically over each other determines the number of stories. When respondents are asked how many stories are in the tallest building within a half block of their home/building, their answer is placed into 1 of 3 categories—7 or more; 6 to 4; or 3 or less.

Tables: C-01-AH, C-01-AO, C-01-OO, C-01-RO.

**Structure type of previous residence.** These data are shown for respondents who moved from within the United States during the previous 12 months. This question asks whether the previous unit was a house, apartment, manufactured/mobile home, or other. They are based on the respondent's own classification of his/her previous residence. (See also present and previous units, housing units, reasons for leaving previous residence.)

Tables: C-06-AO, C-06-OO, C-06-RO.

**Suitability for year-round use.** (See vacant units.)

Table: C-00-AH.

American Housing Survey for the United States: 2011  
U.S. Department of Housing and Urban Development and U.S. Census Bureau

**Systems and equipment.** A type of home improvement work done to the home in the last 2 years that does not normally fall under the description of routine maintenance.

*Plumbing and pipes* includes only piping inside of the building, including water supply, waste pipes, and drains. Excludes water hoses such as those to washing machines or dishwashers.

*Electrical system* applies to permanent, installed electrical wiring either concealed or exposed. Includes the installation of built-in lighting fixtures such as recessed or track lighting. Also includes the installation or replacement of fuse boxes or a box with breaker switches controlling several electrical lines or circuits. Excludes wiring of appliances or other wiring not physically part of the building.

*Plumbing fixtures* include bathtubs, shower enclosures, bidets, toilets, sinks, sump pumps, indoor hot tubs, water softeners, and other major plumbing fixtures. Also includes the installation of new faucets but not the repair of existing ones.

*HVAC* (heating ventilation and air conditioning). The addition or replacement of built in heating equipment and central air conditioning. Includes furnaces, heat pumps, boilers, ductwork, and radiators. Excludes thermostats and room air conditioners.

*Appliances/major equipment* includes the addition or replacement of security systems, built in dishwashers (excludes portable dishwashers), garbage disposals installed in sinks, and the installation of water heating tanks.

(See also home improvement, air conditioning, heating equipment, heating problems.)

Tables: C-15-OO, C-16-OO.

**Tenure.** A housing unit (including a cooperative or condominium unit) is owner-occupied if someone whose name is on the deed, mortgage, or contract to purchase lives in the unit.

In some housing projects for the elderly, the residents can "purchase" a unit and pay monthly maintenance fees (including for example health, recreation, security, etc.) The "purchaser" cannot sell the unit, and upon death, ownership reverts back to the sponsoring organization; no inheritance claim can take place. Such units are treated as owner-occupied. All other occupied housing units are classified as renter-occupied units. Renter-occupied units include those that are rented for cash and those with no cash rent, such as a life tenancy or units that come free with a job. (See also occupied housing units.)

**Tenure of previous residence.** These data are shown for respondents who moved within the United States during the 12 months prior to the interview. The previous unit was

owner-occupied if the owner or co-owner lived in the unit. All other previous units were renter occupied.

Tables: C-06-AO, C-06-OO, C-06-RO.

**Term of primary mortgage at origination or assumption.** The term is the number of years from the date the present owner-occupants first obtained the present mortgage to the date the last payment is due according to the terms of the contract. On a balloon mortgage, this term may be short and the last payment very large. Medians for term of primary mortgage are rounded to the nearest year. (See also remaining years mortgaged, year primary mortgage originated.)

Table: C-14A-OO.

**Time-sharing.** This item is restricted to vacant housing units, including units temporarily occupied by people who have usual residences elsewhere. Time-sharing is a form of ownership in which multiple owners own a single property. Each is entitled to occupy the unit for a limited period of time. The number of years of ownership may vary depending on the terms of the contract. Participants in time-sharing ownership usually, but not always, receive a deed of ownership.

Table: C-00-AH.

**Tobacco smoke inside the home.** Respondents were asked if any members of their household or any visitors to their household smoke tobacco inside their home. (See also second-hand smoke entering home.)

Tables: S-01-AO, S-01-OO, S-01-RO.

**Toilet.** (See flush toilet and flush toilet breakdowns.)

**Total home-equity line-of-credit.** A revolving mortgage loan, usually a second mortgage, allowing a property owner to obtain cash against the equity of a home at any time, up to a predetermined amount set by the lender, without reapplying for a loan. Depending on the situation, lines-of-credit give an advantage to access the equity in different portions, up to a limit set by the lender, by giving the option to withdraw the funds whenever needed and make payments accordingly. With a home-equity line-of-credit, the borrower is able to use the equity of the property and take advantage of the tax savings.

Table: C-14A-OO.

**Total home-equity line-of-credit limit.** The percentage of the borrower's equity in a property, predetermined by the lender, that the borrower is advanced or allowed to obtain in cash. (See also home equity line of credit, total outstanding line-of-credit loans, current line-of-credit interest rate, line-of-credit monthly payment, line-of-credit amount used for home additions, improvements, or repairs.)

Table: C-14A-OO.

**Total housing units.** (See housing units.)

**Total outstanding line-of-credit loans.** The total outstanding line-of-credit loan is the current balance on the home-equity line-of-credit. The current balance is usually reported on the monthly or quarterly statement. (See also home equity line of credit, total outstanding line-of-credit limit, current line-of-credit interest rate, line-of-credit monthly payment, line-of-credit amount used for home additions, improvements, or repairs.)

Table: C-14A-OO.

**Total outstanding principal amount.** The statistics represent the total amount of principal that would have to be paid if the loans were paid off in full on the date of interview. Principal is the amount of debt, excluding interest. The formula used to calculate the outstanding principal amount does not take into account the fact that some households make additional principal payments. The resulting data, therefore, may be an overestimate of the total outstanding principal. Medians for outstanding principal amount are rounded to the nearest dollar. The data include all regular mortgages and lump-sum home-equity, but exclude line-of-credit home-equity loans.

Table: C-14A-OO.

### Types of mortgages.

*Regular mortgages*, such as fixed rate loans, adjustable rate loans, and ARM, are loans where a fixed amount is borrowed and must be repaid at predetermined intervals. Regular mortgages include all mortgages not classified as home-equity credit lines or reverse annuity mortgages.

*Home equity mortgages* are the other type of mortgages. There are two kinds of home equity mortgages. A home-equity lump-sum loan allows the borrower to receive a set amount all at once. A home-equity line-of-credit is an arrangement in which one may withdraw funds at any time up to a set limit. Home equity mortgages are loans, usually a second mortgage, that allow a property owner to borrow cash against the equity of a home at any time, up to a predetermined amount, without reapplying for a loan. Depending on the situation, lines-of-credit give an advantage to access the equity in different portions by giving the option to withdraw the funds whenever needed and make payments accordingly. With a home-equity line-of-credit, the respondent is able to use the equity of the property and take advantage of the tax savings. Excludes reverse annuity mortgages and home equity conversions.

Table: C-14A-OO.

**Units in structure.** In determining the number of housing units in a structure, all units, occupied and vacant, are counted. The statistics are presented for the number of housing units, not the number of residential structures. A

structure either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof.

*Single-units* are single-family structures containing only one housing unit and are further classified as: detached, if it has open space on all four sides; or attached, if it has unbroken walls extending from ground to roof that divide it from other adjoining structures, as in many row houses or townhouses. If a unit shares a furnace or boiler with adjoining units, then pipes or ducts pierce the walls, and all the units thus joined are included in one structure. Structures with two or more units are classified as multi-units.

Manufactured/mobile homes are shown as a separate category.

Tables: C-01-AH, C-01-AO, C-01-OO, C-01-RO, C-12-AO, C-12-OO, C-12-RO.

**Units using each fuel.** (See fuels.)

Tables: C-03-AO, C-03-OO, C-03-RO, C-11-AO, C-11-OO, C-11-RO, C-12-AO, C-12-OO, C-12-RO.

**Usual residence elsewhere (URE).** These are temporarily occupied by people with a usual residence elsewhere. If all people in a housing unit usually live elsewhere, the unit is classified as vacant. For example, a beach cottage occupied at the time of the interview by a family who has a usual residence in the city is included in the count of vacant units. The home in the city or the home of a comparable vacationing family also could be in the AHS sample and would be reported as occupied, since the occupants are only temporarily absent. URE units also may be classified in any of the vacancy categories: seasonal or for sale.

**Vacant units.** A housing unit is vacant if no one is living in it at the time of the interview, unless its occupants are only temporarily absent. In addition, housing units where all the occupants have a usual residence elsewhere are grouped with vacant units.

*For rent.* Owners of some units offer them for rent. Other owners solicit offers either for rent or for sale. When separate categories for these are not shown, they are both included in for rent, as in the rental vacancy rate.

*Rental vacancy rate.* The rental vacancy rate is the number of vacant year-round units for rent as a percent of the total rental inventory, (i.e., all renter-occupied housing units and all year-round vacant housing units for rent or rented, not occupied).

*For sale only.* Units “for sale only” are offered for sale and the owner does not solicit renter-occupants, even though the owner might eventually rent the unit.

*Rented or sold.* If any money rent has been paid or agreed upon, but the new renter has not moved in as of the date of the interview, or if the unit has recently been sold, but the new owner has not yet moved in, the unit is classified as rented or sold.

*Occasional use.* These are units held for weekend or other occasional use throughout the year. Second homes may be classified here or as seasonal.

*URE.* These are temporarily occupied by people with a usual residence elsewhere. If all people in a housing unit usually live elsewhere, the unit is classified as vacant. For example, a beach cottage occupied at the time of the interview by a family who has a usual residence in the city is included in the count of vacant units. The home in the city or the home of a comparable vacationing family also could be in the AHS sample and would be reported as occupied, since the occupants are only temporarily absent. URE units may be classified in either of the following vacant categories: seasonal or occasional use/URE.

*Other vacant.* This category includes units held for settlement of an estate, units held for occupancy by a caretaker or janitor, and units held for personal reasons of the owner.

*Seasonal units.* These are intended by the owner to be occupied during only certain seasons of the year. They are not anyone’s usual residence. A seasonal unit may be used in more than one season; for example, for both summer and winter sports. Published counts of seasonal units also include housing units held for occupancy by migratory farm workers. While not currently intended for year-round use, most seasonal units could be used year-round; see the next definition.

*Suitability for year-round use.* For vacant housing units that are not intended by their current owners for year-round use (seasonal and migratory), the respondent was asked whether the construction and heating of the housing unit made it suitable for the unit to be occupied on a year-round basis. A housing unit is suitable for year-round use if it is built as a permanent structure, properly equipped, insulated, and heated as necessitated by the climate.

*Time-sharing.* This item is restricted to vacant housing units, including units temporarily occupied by people who have usual residences elsewhere. Time-sharing is a form of ownership in which multiple owners own a single property. Each is entitled to occupy the unit for a limited period of time. The number of years of ownership may vary depending on the terms of the contract. Participants in time-sharing ownership usually, but not always, receive a deed of ownership.

*Duration of vacancy.* This refers to the length of time (in months) from the date the last occupants moved from the

housing unit to the date of the interview. The data, therefore, do not provide a direct measure of the total length of time that units remain vacant. For newly constructed units that have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date that conversion or merger was completed.

*Last used as a permanent residence.* The statistics refer to the length of time (in months) since units that are currently seasonal vacant were last used as a permanent residence and are measured as of the date of interview. Units that have always been used for short-term or seasonal occupancy are classified as “Never occupied as permanent home.”

Tables: C-00-AH, C-01-AH, C-02-AH, C-03-AH.

**Value.** Value is the respondent’s estimate of how much the property (house and lot) would sell for if it were for sale. Any nonresidential portions of the property, any rental units, and land cost of mobile homes are excluded from the value. For vacant units, value represents the sales price asked for the property at the time of the interview and may differ from the price at which the property is sold. In the publications, medians for value are rounded to the nearest dollar. (See also ratio of value to current income.)

Table: C-13-OO.

**Vehicles available.** Vehicles are defined as cars and trucks or vans. Figures may not add to total because more than one category may apply to a unit.

*Cars.* Included are passenger cars and station wagons owned or regularly used by one or more household members and ordinarily kept at home. Company cars are counted (if used regularly for nonbusiness purposes and kept at home), as are taxicabs (if they are owned by a household member and kept at home).

*Trucks or vans.* Included are pickups and small panel trucks of one-ton capacity or less, sport utility vehicles (SUVs), and small vans that were owned or regularly used by one or more members of the household and ordinarily kept at home. Company trucks and vans are included if used regularly for nonbusiness purposes and kept at home. To obtain a count of all units lacking trucks or vans, the lines “no cars, trucks, or vans” and “with cars, no trucks or vans” must be added together.

Tables: C-02-AO, C-02-OO, C-02-RO.

#### **Vehicle parking.**

A *garage or carport* is only counted if it is on the same property, though not necessarily attached to the house.

*Off-street parking* includes driveway or parking lot privileges that are paid for as part of the rent or owned with the unit.

Data on garages or carports are not collected for occasional-use vacant units and other vacant units.

Tables: C-02-AH, C-02-AO, C-02-OO, C-02-RO.

**Vision disabilities.** A person with a vision disability is blind or has serious difficulty reading or driving due to a visual impairment even when wearing glasses. (See also disabilities.)

Tables: S-02-AO, S-02-OO, S-02-RO.

**Water heating fuel.** (See fuels.)

Tables: C-03-AH, C-03-AO, C-03-OO, C-03-RO.

**Water leakage during last 12 months.** Data on water leakage are shown if the leakage occurred in the 12 months prior to the interview or while the household was living in the unit if less than 12 months. Housing units with water leakage are classified by whether the water leaked in from outside the building and by the most common areas (roof, basement, walls, closed windows, or doors); or inside the building and the reasons of water leakage (fixtures backed up or overflowed or pipes leaked).

Tables: C-05-AO, C-05-OO, C-05-RO.

**Water supply stoppage.** Water supply stoppage means that the housing unit was completely without running water from its regular source. Completely without running water means that the water system servicing the unit supplied no water at all; that is, no equipment or facility using running water (in kitchen and bathroom sinks, shower, bathtub, flush toilet, dishwasher, and other similar items) had water supplied to it, or all were inoperable. The reason could vary from a stoppage because of a flood or storm, to a broken pipe, to a shutdown of the water system, to a failure to pay the bill, or other reasons.

Data on water supply stoppage are shown if they occurred in the 3 months prior to the interview or while the household was living in the unit if less than 3 months. Housing units with water supply stoppages also are classified according to the number of times stoppages lasting 6 consecutive hours or more occurred. (See also primary source of water.)

Tables: C-05-AO, C-05-OO, C-05-RO.

**Water temperature.** The data are broken up into categories. Respondents living in multi-unit buildings were asked if they have access to the water-heating unit, data include single-units because occupants are assumed to have access to their water-heating units. The second question determines whether the respondent has ever checked the temperature of his/her hot water.

Tables: S-01-AO, S-01-OO, S-01-RO.

**West.** (See Census regions and divisions.)

**Wheelchair accessible features available.** Wheelchair accessible electrical outlets, switches, and climate controls are those positioned slightly lower than standard so as to be reachable by persons confined to a wheelchair. Wheelchair accessible kitchen counters and cabinets include rollout trays or lazy susans and are lower than standard. Accessible bathroom features include handrails and grab bars, built-in seats in showers, handles or levers on sinks, and raised toilets. (See also disabilities, accessibility features in home, home accessibility problems reported, mobility devices.)

Tables: S-02-AO, S-02-OO, S-02-RO.

**Year householder immigrated to the United States.** The data are based on information reported for the householder and refer to the year the householder immigrated to the United States. (See also citizenship of householder.)

Tables: C-08-AO, C-08-OO, C-08-RO.

**Year householder moved into unit.** The data are based on the information reported for the householder and refer to the year of latest move. Thus, if the householder moved back into a housing unit previously occupied, the year of the latest move was to be reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present unit was to be reported. The intent is to establish the year the present occupancy by the householder began. The year the householder moves is not necessarily the same year other members of the household move; although, in the great majority of cases the entire household moves at the same time. Median year householder moved into unit is rounded to the nearest year. (See also household moves and formation in last year.)

Tables: C-08-AO, C-08-OO, C-08-RO.

**Year primary mortgage originated.** The year the primary mortgage originated is the year the mortgage was signed. Medians for the year primary mortgage originated are rounded to the nearest year. (See also remaining years mortgaged, term of primary mortgage at origination or assumption.)

Table: C-14A-OO.

**Year-round housing units.** This includes all units occupied as a usual residence, regardless of design, and all vacant units that are intended by the owner for occupancy at all times of the year. For example, if a unit in a resort area is intended for occupancy in all seasons, it is a year-round unit.

Tables: C-00-AH, C-01-AH, C-02-AH, C-03-AH.

**Year structure built.** Year structure built represents the respondent's estimate of when the building was first constructed, not when it was remodeled, added to, or converted. The figures refer to the number of housing units in structures built during the specified periods and in existence at the time of the interview. For manufactured/mobile homes, the manufacturer's model year was assumed to be the year built. For manufactured/mobile homes, the year the householder moved in can be earlier than the year the structure was built because the manufactured/mobile home site, not the manufactured/mobile home itself, is in sample. The householder could have replaced an older manufactured/mobile home with a newer model. Median year built is rounded to the nearest year. In addition, the median is estimated (i.e., an interpolated median) because year built is collected as a range of values.

Tables: C-01-AH, C-01-AO, C-01-OO, C-01-RO, C-11-AO, C-11-OO, C-11-RO, C-12-AO, C-12-OO, C-12-RO.

**Year unit acquired.** The year the unit was acquired or inherited refers to the year in which the present owner acquired or inherited the house or apartment; for example, the year the contract was signed. This date may be different from the date when the occupants moved in. If the land and building were bought at different times, the year the building was acquired was recorded. If there was a land contract only, the year the contract was signed was recorded. Median year acquired is rounded to the nearest year. (See also how acquired.)

Table: C-13-OO.

# Appendix B.

## Sample Design and Weighting

---

### SAMPLE SIZE

The 2011 national data are from a sample of housing units interviewed between July and December 2011. The same basic sample of housing units is interviewed every 2 years until a new sample is selected. The U.S. Census Bureau updates the sample by adding newly constructed housing units and units discovered through coverage improvement efforts.

For the 2011 American Housing Survey-National (AHS-N) sample, approximately 56,200 sample housing units were originally selected for interview. The Department of Housing and Urban Development (HUD) requested that the AHS-N sample size be increased to 64,750. Therefore, two types of samples were reinstated in 2011. First, the roughly 5,200 units that were reduced from the 2007 sample were reinstated.<sup>1</sup> Second, approximately 3,100 units that were selected during the 2000 redesign, but were never interviewed, were introduced in 2011. Later, HUD requested an oversample of approximately 5,300 subsidized housing units. Lastly, the American Housing Survey-Metropolitan Sample (AHS-MS) was combined with the AHS-N for the first time in the survey's history, adding approximately 116,700 housing units to the national sample. These 29 metropolitan areas from AHS-MS were used as a supplemental sample. Sample sizes for these metropolitan areas are included in Table B-1. Therefore, the sample size for the 2011 national sample was approximately 186,400 housing units.

About 8,900 of the 186,400 total units included for interview were found to be ineligible because the unit no longer existed or because the units did not meet the AHS-N definition of a housing unit.

Of the 177,500 eligible sample units, about 22,800 were classified (both occupied and vacant housing units) as "Type A" noninterviews because (a) no one was at home after repeated visits, (b) the respondent refused to be interviewed, or (c) the interviewer was unable to find the unit. This classification produced an unweighted overall response rate of 87 percent. The weighted overall response rate was 88 percent.

### SAMPLE SELECTION

The Census Bureau has interviewed the current sample of housing units since 1985. First, the United States was divided into areas made up of counties or groups of counties and independent cities known as primary sampling units (PSUs). A sample of these PSUs was selected. Then, a sample of housing units was selected within these PSUs.

<sup>1</sup> Due to budgetary constraints, roughly 8 percent of units were taken out of the 2007 sample and were not interviewed until 2011.

**Selection of sample areas.** The sample for AHS is spread over 394 PSUs. These PSUs cover 878 counties and independent cities with coverage in all 50 states and the District of Columbia.

If there were over 100,000 housing units in a PSU at the time of selection, the PSU is known as a self-representing PSU because it was removed from the probability sampling operation. It was in sample with certainty. The sample from the PSU represents only that PSU. There are 170 self-representing PSUs.

The Census Bureau grouped the remaining PSUs into similar-sized strata, based on similarities in various socioeconomic characteristics within each stratum, and selected one PSU per stratum, proportional to the number of housing units in the PSU, to represent all PSUs in the stratum. These selected PSUs are referred to as non-self-representing PSUs. The sample non-self-representing PSUs for AHS are a subsample of the Current Population Survey's (CPS) sample areas based on the 1980 census.

**Selection of sample housing units.** The AHS sample consists of the following types of units in the sampled PSUs:

- Housing units selected from the 1980 census
- New construction in areas requiring building permits
- Housing units missed in the 1980 census
- Other housing units added since the 1980 census
- Housing units selected from the 2000 census
- Subsidized housing units

**Housing units selected from the 1980 census.** The Census Bureau picked a systematic sample so every unit had a 1 in 2,148 chance of being included in the AHS.

In areas where addresses are complete (at least 96 percent of units having a house number and street name) and permits are required for new construction, housing units receiving 1980 census long-form questionnaires were sorted by the following items:

- PSU
- Central city, urbanized area, urban outside urbanized area, rural
- Owner, renter, vacant for rent, vacant for sale, other types of vacant housing units
- Number of rooms
- Value of housing unit or gross rent
- Manufactured/mobile home or not a manufactured/mobile home

In areas where addresses are not complete or permits are not required for new construction, land areas were sorted using a formula incorporating the following items:

- PSU
- Central city, urbanized area, urban outside urbanized area, rural
- Median value of housing unit
- Number of children under 6 years old
- Number of elderly people
- Number of owner-occupied housing units
- Number of manufactured/mobile homes
- Number of housing units lacking some plumbing
- Number of owner-occupied housing units whose value is below \$45,000
- Number of renter-occupied housing units with rent below \$200
- Number of Black and Hispanic people
- Number of 1-room housing units

**New construction in areas requiring building permits.** In areas that require building permits for new construction, the Census Bureau selected a sample of permits. These permits do not cover manufactured/mobile homes or conversion of buildings to residential use.

**Housing units missed in the 1980 census.** The Census Bureau conducted a special study which identified units at addresses missed or inadequately defined in the 1980 census. A sample of these identified units was selected.

**Other housing units added since the 1980 census.** If extra units are added in buildings or manufactured/mobile home parks where AHS already has sample units, a sample of these extra units was selected. To find when whole buildings are built (in addition to building permits, mentioned above) or are converted from nonresidential to residential use, the Census Bureau listed all residential buildings in a sample of areas around the country, found any additional buildings, and selected a sample of their units.

**Housing units selected from Census 2000.** The following adjustments were made to the AHS-N sample in 2005 by adding certain types of units selected from Census 2000:

In 2005, a new sample of manufactured/mobile homes was selected from Census 2000 in an attempt to improve coverage of manufactured/mobile homes built between 1980 and 2000. These units were selected at the same rate as the 1980-based units. One-half of this sample was included in the 2005 interviewing and, as a result, one-half of the 1980-based sample was not included. The units interviewed in 2005 were also interviewed in 2007, 2009, and 2011.

In 2005, a sample of assisted living units was selected from Census 2000 in an attempt to improve coverage of the elderly. The Census Bureau purchased address lists of assisted living facilities from two vendors and supplemented these lists with facility addresses from various assisted living facility Internet sites. These addresses were matched to Census 2000 to identify Census 2000 housing units in assisted living facilities from which the resulting sample of these units was drawn. Because the universe was so small, a double sample of units was selected. Before interviewing, the resulting sample was screened to confirm eligibility. There were 921 units in the initial sample with 486 remaining after screening. The units interviewed in 2005 were also interviewed in 2007, 2009, and 2011.

**Subsidized housing units.** A sample of subsidized housing units was selected from address lists provided by HUD in an attempt to improve coverage of housing units receiving rent subsidies. The Census Bureau received address lists from HUD in 2010. These lists include the Public and Indian Housing Information Center (PIC), Tenant Rental Assistance Certification System (TRACS), and Home Investment Partnership Program (HOME) address lists. The lists were matched to the sample PSUs to enable the Census Bureau to select housing units receiving HUD subsidies. There were 5,259 units in the initial sample with 5,064 eligible for interview.

## **SUPPLEMENTAL METROPOLITAN SAMPLE**

In 2011, the Census Bureau supplemented the national sample in 29 metropolitan areas. This supplemental sample was combined with the existing national sample in these areas in order to produce metropolitan-level estimates and to increase the sample size for the AHS-N sample. The housing units that were part of the AHS-N sample are based on the definitions used in 1985, as was the Los Angeles AHS-MS sample. The Providence AHS-MS sample was based on the 2003 Office of Management and Budget (OMB) definition for the New England City and Town Area Division (NECTAD). The remaining AHS-MS sample is consistent with the 2003 OMB definitions of the metropolitan statistical area (MSA), with the following exceptions:

- The Anaheim MSA matches the December 2003 OMB definition for the Santa Ana-Anaheim-Irvine Metropolitan Division.
- The Dallas MSA matches the 2003 OMB definition for the Dallas-Plano-Irving Metropolitan Division.
- The Denver MSA does not include Broomfield County. The county borders that existed before Broomfield's creation were used in the AHS definition.
- The Fort Worth MSA matches the 2003 OMB definition for the Fort Worth-Arlington Metropolitan Division.

- The Los Angeles MSA matches the 2003 OMB definition for the Los Angeles-Long Beach-Glendale Metropolitan Division.
- The Oakland MSA matches the 2003 OMB definition for the Oakland-Fremont-Hayward Metropolitan Division.
- Included in the Providence NECTAD, but not in the 2003 OMB definition for the Providence-New Bedford-Fall River MSA are: Bellingham and Plainville (in Norfolk County, MA); Blackstone and Millville (in Worcester County, MA). Included in OMB's 2003 definition of the Providence-New Bedford-Fall River MSA, but not in the Providence MSA are: Acushnet, Berkley, Dartmouth, Dighton, Easton, Fairhaven, Freetown, Mansfield, New Bedford, Norton, Raynham, and Taunton (these are in Bristol County, MA); and New Shoreham and Westerly town (in Washington County, RI).
- The San Francisco MSA matches the 2003 OMB definition for the San Francisco-San Mateo-Redwood City Metropolitan Division.
- The St. Louis MSA does not include Sullivan City, which is legally part of OMB's 2003 definition, though it resides in an outlying county.

In some areas, the following adjustments were made:

- Counties/Minor Civil Divisions (MCDs) were added or dropped so that the definition of each metropolitan area in sample was consistent with the final 2003 OMB definition of the metropolitan area and sample was selected in these added areas.
- The sample in the counties/MCDs in the previous definition that were also in these new definitions (i.e., continuing counties/MCDs) was adjusted to maintain an overall sample size of 4,500 and in some cases it was replaced by new sample for confidentiality reasons.

Table B-1 provides the size of the supplemental sample in each of the 29 metropolitan areas. This sample was combined with the existing sample in these areas to produce metropolitan estimates.

Table B-1.

### 2011 Sample Size for the 29 AHS-National-Based Metropolitan Areas

(In housing units)

| Metropolitan area            | Basic sample | Supplemental sample | Total sample size |
|------------------------------|--------------|---------------------|-------------------|
| Anaheim, CA . . . . .        | 517          | 4,011               | 4,528             |
| Atlanta, GA . . . . .        | 991          | 3,578               | 4,569             |
| Birmingham, AL . . . . .     | 296          | 4,387               | 4,683             |
| Buffalo, NY . . . . .        | 308          | 4,149               | 4,457             |
| Cincinnati, OH . . . . .     | 434          | 4,132               | 4,566             |
| Cleveland, OH . . . . .      | 551          | 4,129               | 4,680             |
| Columbus, OH . . . . .       | 427          | 4,157               | 4,584             |
| Dallas, TX . . . . .         | 787          | 3,827               | 4,614             |
| Denver, CO . . . . .         | 673          | 3,777               | 4,450             |
| Fort Worth, TX . . . . .     | 401          | 4,184               | 4,585             |
| Indianapolis, IN . . . . .   | 415          | 4,144               | 4,559             |
| Kansas City, MO . . . . .    | 581          | 3,978               | 4,559             |
| Los Angeles, CA . . . . .    | 1,884        | 2,708               | 4,592             |
| Memphis, TN . . . . .        | 272          | 4,233               | 4,505             |
| Milwaukee, WI . . . . .      | 390          | 4,203               | 4,593             |
| New Orleans, LA . . . . .    | 301          | 4,545               | 4,846             |
| Virginia Beach, VA . . . . . | 403          | 4,249               | 4,652             |
| Phoenix, AZ . . . . .        | 808          | 3,731               | 4,539             |
| Pittsburgh, PA . . . . .     | 652          | 3,955               | 4,607             |
| Portland, OR . . . . .       | 608          | 4,019               | 4,627             |
| Providence, RI . . . . .     | 316          | 4,368               | 4,684             |
| Riverside, CA . . . . .      | 735          | 3,902               | 4,637             |
| San Diego, CA . . . . .      | 595          | 3,967               | 4,562             |
| San Francisco, CA . . . . .  | 430          | 4,085               | 4,515             |
| San Jose, CA . . . . .       | 339          | 4,153               | 4,492             |
| St. Louis, MO . . . . .      | 652          | 3,917               | 4,569             |
| Charlotte, NC . . . . .      | 522          | 4,100               | 4,622             |
| Oakland, CA . . . . .        | 555          | 3,995               | 4,550             |
| Sacramento, CA . . . . .     | 462          | 4,118               | 4,580             |

Table B-2 summarizes the interview activity for the two AHS samples and for the combined sample. The table provides the response rate, number of eligible units (comprised of completed interviews and noninterviews), and the number of units visited but ineligible for interview.

Table B-2.

### Interview Activity for the 29 AHS-National-Based Metropolitan Areas

| Metropolitan area | Unweighted response rate <sup>1</sup> (percent) | Weighted response rate <sup>2</sup> (percent) | Eligible units |             |                              | Ineligible <sup>4</sup> |
|-------------------|-------------------------------------------------|-----------------------------------------------|----------------|-------------|------------------------------|-------------------------|
|                   |                                                 |                                               | Total          | Interviewed | Not interviewed <sup>3</sup> |                         |
| TOTAL . . . . .   | 87.2                                            | 87.6                                          | 177,506        | 154,752     | 22,754                       | 8,892                   |
| AHS-MS . . . . .  | 87.1                                            | 88.0                                          | 110,366        | 96,092      | 14,274                       | 6,335                   |
| AHS-N . . . . .   | 87.4                                            | 87.5                                          | 67,140         | 58,660      | 8,480                        | 2,557                   |

<sup>1</sup> The unweighted response rate is computed by dividing the unweighted number of interviews by the unweighted total number of cases eligible for interview and multiplying by 100.

<sup>2</sup> The weighted response rate is computed by dividing the weighted number of interviews by the weighted total number of cases eligible for interview and multiplying by 100.

<sup>3</sup> Sample units were classified as "Type A" noninterviews because (a) no one was at home after repeated visits, (b) the respondent refused to be interviewed, or (c) the interviewer was unable to find the unit.

<sup>4</sup> Sample units were found to be ineligible because the unit no longer existed or because the unit did not meet the AHS definition of a housing unit.

## ESTIMATION FOR AHS-NATIONAL

Each housing unit in the AHS sample represents itself and over 2,000 other units. The exact number it represents is its “weight.” The weight was calculated in six steps. The purpose of these steps is to minimize both sampling errors and errors from incomplete data. The result of these steps is also to force consistency with some major categories of data in other Census Bureau surveys, so figures on these categories do not actually depend on the AHS sample, but on the other surveys.

For the first time in the survey’s history, Census division-level estimates were calculated. Therefore, the adjustments made to force consistency with other Census Bureau surveys were done so for each of the nine Census divisions.

1. **Basic weight.** The Census Bureau assigned each unit a weight to reflect its probability of selection. With rare exceptions, the AHS-National weight is 2,148. One exception is the special living sample which is assigned a weight of 1,074. In 2011, the AHS-Metropolitan Sample was combined with the AHS-National Sample. Since each metropolitan area was sampled independently, each metropolitan area had its own sampling rate and, therefore, had its own basic weight. These weights ranged approximately between 100 and 600.

2. **Sample adjustment.** An adjustment was made to the units to account for the introduction of the 2000-design cases, the addition of the supplemental sample in the 29 metro areas, and for the addition of the oversample of subsidized housing units. This adjustment was made to ensure the additional sample would not inflate the national housing unit estimates.

3. **Noninterview adjustment.** An adjustment was made for refusals and occupied units where no one was home. The calculations for this adjustment do not include units the Census Bureau could not locate. The earlier weight was multiplied by the following factor:

$$\frac{\text{Interviewed units} + \text{Units not interviewed}}{\text{Interviewed units}}$$

It is assumed the units missed are similar in some ways to the units interviewed for AHS.

This adjustment is done separately for groups defined by cross-classifying the following data items if prior year data for the indicated items are available:

- Twenty-nine AHS-MS metropolitan areas
- Nine Census divisions (for units that are not in an AHS-MS metropolitan area)
- 1990 central city, suburb, or nonmetropolitan area
- 1990 urban or rural
- Manufactured/mobile home or not a manufactured/mobile home

- In a special living facility or not in a special living facility (only if the housing unit is not a manufactured/mobile home)
- Owner/for sale or renter/for rent
- Number of units in structure\*
- Number of rooms\*
- Occupied, vacant year round, or seasonal/migratory vacant\*

(\* If known from a previous survey; otherwise, the Census Bureau substituted whether or not units were drawn from building permits for these items.)

For seasonal/migratory vacants and year round vacants other than those for rent or for sale, units were cross-classified only by census region and 2000 central city/suburb/nonmetropolitan area.

4. **PSU adjustment.** The Census Bureau adjusted for differences that existed in 1990 between the number of 1990 census housing units estimated from the AHS sample of non-self-representing PSUs and the 1990 census counts outside the self-representing PSUs. The earlier weight was multiplied by the following factor:

$$\frac{\text{1990 census housing units in all areas that could have been chosen as non-self-representing PSUs}}{\text{1990 census housing units estimated from the AHS sample of non-self-representing PSUs}}$$

This adjustment is done separately for groups defined by cross-classifying:

- Four Census regions
- Owner, renter, or vacant
- 1990 central city, suburb, or nonmetropolitan area
- 1990 urban or rural
- Hispanic or non-Hispanic householder (only in South and West regions)
- Black or non-Black householder (only in South region)

5. **New construction adjustment.** The Census Bureau adjusted for known deficiencies in sampling new construction by multiplying the earlier weight by the following factor:

$$\frac{\text{Independent estimate}}{\text{AHS sample estimate}}$$

This adjustment is done separately for groups defined by cross-classifying:

- Nine Census divisions
- Manufactured/mobile home or not a manufactured/mobile home
- Number of units in structure

- Year built (pre-1980 and 5-year categories after 1980 as shown in the publication)

Independent estimates are based on the Census Bureau's Survey of Construction and Survey of Manufactured Home Placements. Note that final AHS figures for the categories above are not based on the AHS sample findings, but on the independent sources.

6. **Demographic adjustment.** Comparability among the surveys was ensured by multiplying the earlier weight by the following factor:

|                             |
|-----------------------------|
| <u>Independent estimate</u> |
| AHS sample estimate         |

This adjustment is done in two steps for occupied units. First, the factors were computed and applied for the Hispanic or non-Hispanic groups defined by cross-classifying:

- Nine Census divisions
- Owner or renter
- Hispanic or non-Hispanic householder
- Husband-wife, other male householder, or other female householder
- Age of householder

Next, the demographic adjustment is repeated with the same cells, except classified by the Black or non-Black groups, rather than the Hispanic or non-Hispanic groups.

Vacant for sale, vacant for rent, other year round vacant, and seasonal/migratory vacant units were cross-classified only by the four census regions and 2000 central city, suburb, or nonmetropolitan area.

The percentage of occupied and vacant units was based on the AHS itself. The distributions within occupied and vacant units are from the Census Bureau's Current Population Survey for occupied units and from the Housing Vacancy Survey for vacant units. The total number of all housing units in the United States is based on the 2010 Census adjusted to account for new and lost units. Note that final AHS figures for the categories above are not based on the AHS sample findings, but on the independent sources.

**Repetitions.** The new construction and demographic adjustments were repeated to help match both sets of independent estimates simultaneously. These adjustments were repeated until every cell's factor is between 0.98 and 1.02 or the change in each factor from one repetition to the next is less than 0.015.

**Small cells.** In each step of weighting, many items were cross-classified; so some cells may have few cases. When a cell is too small (less than 30 cases for the noninterview adjustment or less than 50 cases for the demographic adjustment) or the adjustment factor is too extreme (greater than 1.5 for the noninterview adjustment or outside a range of 0.5 to 2.0 for the demographic adjustment), the Census Bureau combined the cell with one or more other cells that are similar in most respects. Cells for the PSU adjustment or the new construction adjustment were not combined.

# Appendix C.

## Historical Changes: 2011

---

The American Housing Survey (AHS) began in 1973 as the Annual Housing Survey. Since 1981, the U.S. Census Bureau has conducted the national survey every odd numbered year. In 1984, it was renamed the American Housing Survey.

Only changes for the 2011 survey year are noted in this appendix. Historical changes prior to 2011 are available in previous publications, which can be found in .PDF format online at <[www.census.gov/housing/ahs/publications/](http://www.census.gov/housing/ahs/publications/)>.

Beginning with the 2011 AHS, the survey instrument consists of a permanent set of core questions, plus questions on topical supplements that will rotate in and out of the survey on a schedule that has yet to be determined.

In order to reflect these changes, as well as the incorporation of AHS tables into American FactFinder (AFF), the 2011 table numbers have been reconfigured to a new 5 character table-numbering scheme in the following format: X-XX-XX. The first character in the table number, or table ID, begins with either a “C” for core table or an “S” for supplemental table.

The two characters in the middle of the new table ID are the actual table numbers (2-digits), followed by the chapter (2-letters). Tables formerly in chapter 1 can now be identified by an “AH” (all housing units) in the table ID. Likewise, tables formerly in chapter 2, chapter 3, and chapter 4 are now identified by an “AO” (all occupied units), “OO” (owner-occupied), and “RO” (renter-occupied), respectively. In addition, many of the tables were redesigned in an effort to better group items by topic. As a result, boxheads (column headings) and stubs (row headings) have changed significantly from prior years. A crosswalk between the old tables (2009 and prior) and the new 2011 tables is available online at <[www.census.gov/housing/ahs/data/national.html](http://www.census.gov/housing/ahs/data/national.html)>. Metropolitan Area tables are identified by the addition of an “M” as the sixth character in the table ID (X-XX-XX-M).

### New Tables:

Home improvement information has been reintroduced to the 2011 American Housing Survey’s set of core tables as Table C-15-OO—“Home Improvement Characteristics” and Table C-16-OO—“Home Improvement Costs.” Similar tables were formerly found in the *Supplement to the American Housing Survey for the United States*, from 1995–2009; and prior to that, Table 16—“Repairs, Improvements, and Alterations” in the *American Housing Survey for the United States* reports.

Former Table 25—“Units in Structure by Selected Characteristics” in the *American Housing Survey for the United States* report (2007 and prior) was also reintroduced

as three new core tables: C-12-AO, C-12-OO, and C-12-RO—“General Characteristics by Units in Structure.”

Former tables 1B-1 to 1B-7 (Central Cities), 1C-1 to 1C-7 (Suburbs), and 1D-1 to 1D-7 (Outside MSAs) from the 2007 publication were incorporated into the column headings for most 2011 tables, except for the “AH” tables and tables C-11, C-12, and C-16. The labeling of “Suburbs” has changed to “Not in central cities,” but the tabulation has stayed the same.

A new core table C-11—“General Characteristics by Census Geography,” a cross-tabulation of selected characteristics by Census regions and divisions, was added to the 2011 summary tables.

The 2011 AHS includes topical supplements on potential health and safety hazards in the home and housing modifications made to assist occupants living with disabilities. Supplemental table S-01—“Health and Safety Characteristics” includes data from the Healthy Homes module of the survey, as well as the Safety Equipment stub from old Table 4—“Selected Equipment and Plumbing.” Supplemental table S-02—“Disabilities and Home Accessibility” includes disability questions from the 2009 AHS (formerly found in Table 9—“Household Composition,” as well as questions from the new housing modification module.

### New Items:

In addition to the new tables discussed above, the following items were added to existing tables:

**Air Conditioning.** This item used to be a part of Equipment.

**Census Divisions.** A new stub/row in All Housing (AH) units tables only.

**Energy Efficiency.**

**Energy Star® Rated Appliances.**

**Frequency of Interest Rate Adjustments for Primary Mortgages.**

**How Respondent Found Current Unit.**

**Information Needed to Obtain Primary Mortgage.**

**Monthly Mortgage Payment.**

**Monthly Mortgage Payment as Percent of Current Income.**

## **Monthly Payment Change of Primary Mortgage Over Last 12 Months.**

## **Mortgage Refinancing Solicitation.**

## **Other Central Air Fuel.**

## **Potential Winter Heating Hazards.**

## **Reasons for Choosing Primary Mortgage.**

## **Reason Primary Mortgage Payment Changed Over Last 12 Months.**

## **Reference Interest Rate for Primary Mortgages With Varying Payments.**

## **Safety of Well Water.**

**Selected Amenities.** Telephone now available for All Housing (AH) units.

**Vehicle Parking.** Formerly a part of Selected Amenities stub.

## **Modified Tables:**

Although the mortgage questions essentially ask respondents the same types of information as in the past, the 2011 AHS mortgage module was rearranged and questions were asked in a different order.

Former Table 15—"Mortgage Characteristics" was split into two new tables: C-14A-OO—"Mortgage Characteristics" and C-14B-OO—"Additional Mortgage Characteristics."

Prior to 2011, there were two categories of recent movers shown: (1) units where the householder moved into the present unit during the 12 months prior to the interview from another location in the United States (shown as a column in most tables, and in Table 10 of chapter 2 through 4), and (2) units where the respondent moved into the present housing unit during the 12 months prior to the interview (Table 11 of chapters 2 through 4). All recent mover data shown in 2011, however, represent units where the respondent moved into the present housing unit during the 12 months prior to the interview from another location in the United States. This change was made in order to make the two recent movers tables (C-06 and C-07) comparable. In most cases, this does not significantly change the data because the respondent is often the same person as the householder.

## **Modified Items:**

**Cooking Fuel.** Kerosene, coal, and wood were collapsed into the "Other" category.

**Disabilities.** Formerly in Table 9—"Household Composition," this item is now located in table S-02—"Disabilities and Home Accessibility".

## **Government Subsidy for Repairs and Alterations.**

Added "and alterations" to label to more accurately reflect data collected.

**Guarantors of Primary Mortgages.** Label changed from Type of Primary Mortgage.

**How Acquired.** First occupant in single-family unit built "1990 or later" changed to "2010 or later."

**Kitchen and Laundry Equipment.** Formerly labeled as "Equipment." The air conditioning portion of this stub was separated and given its own stub heading.

## **Lenders of Primary and Secondary Mortgages.**

Labeling of firms changed to "financial institutions" and other individuals changed to "another source."

## **Main Reason for Leaving Previous Residence.**

Previously read "Main Reason for Leaving Previous Unit." New category added for leaving previous residence because of foreclosure. In addition, items were recategorized under new subtotals. "Other" was added as a new answer option in some of the categories.

**Manufactured/Mobile Home Anchoring.** Label changed from "Manufactured/Mobile Home Tiedowns."

**Mortgages Currently on Property. Number of Regular Mortgages and Home Equity Mortgages, Types of Mortgages.** "Not reported" lines deleted.

## **Payment Plan of Primary and Secondary Mortgage.**

"Payment option" and "interest only" rows are new for 2011.

**Plumbing Facilities.** Formerly "Plumbing."

## **Previous Home Owned or Rented by Current**

**Household Member.** Previously read "Previous Home Owned or Rented by Someone Who Moved Here."

**Reasons for Leaving Previous Residence.** Previously read "Reasons for Leaving Previous Unit." New category for leaving previous residence because of foreclosure. In addition, items were recategorized under new subtotals. "Other" was added as a new answer option in some of the categories.

**Reason Primary Mortgage Refinanced.** Categories were revised to reflect new answer categories for 2011.

**Safety Equipment.** Formerly in Table 4—"Equipment and Plumbing," this item is now located in table S-01—"Health and Safety Characteristics".

**Selected Amenities.** Formerly in Table 7—"Additional Indicators of Housing Quality," this item is now located in table C-02—"Rooms, Size, and Amenities." The vehicle parking items from this stub were taken out and made into a new stub item called "Vehicle Parking."

**Selected Deficiencies.** The reference period for the questions of signs of rats, mice, or rodents changed from in the last 3 months to in the last 12 months. A new row, “sign of cockroaches,” was also added to the stub.

**Source of Drinking Water.** Spring, cistern, stream, or lake were collapsed into the “Other” category.

**Vehicles Available.** The number of vehicles available (including cars, trucks, and vans) was added to the “Cars and Trucks Available” stub. The stub was then renamed “Vehicles Available.”

**Water Heating Fuel.** Kerosene, coal, and wood were collapsed into the “Other” category.

**Year Householder Immigrated to the United States.** New category added (2010 to 2014).

**Year Householder Moved Into Unit.** New category added (2010 to 2014).

**Year Primary Mortgage Originated.** New category added (2010 to 2014).

**Year Structure Built.** New category added (2010 to 2014).

#### **Deleted Tables:**

The majority of the neighborhood and journey to work questions were dropped from the 2011 AHS. As a result, Table 8—“Neighborhood” was deleted from the 2011 publication. The “Overall Opinion of Neighborhood” stub moved into table C-07—“Housing and Neighborhood Search and Satisfaction.” The “Manufactured/Mobile Homes in Group” stub moved into table C-01—“General Housing Data.”

#### **Deleted Items:**

The following stubs were deleted from the All Housing Units (AH) tables (formerly chapter 1): **Place Size, External Building Conditions, Primary Source of Water, Safety of Primary Source of Water, Plumbing Facilities, Means of Sewage Disposal, Safety Equipment, Owner or Manager on Property, and Selected Deficiencies.**

#### **Access to Structure.**

**Census Regions.** Deleted in all table stubs except Table C-00-AH. Census regions were added to the boxheads of the AO, OO, and RO tables. New table (C-11—“General Characteristics by Census Geography”) provides a cross-tabulation of selected characteristics by Census regions and divisions.

#### **Land Contract.**

**Metropolitan/Nonmetropolitan Areas.** Deleted in all table stubs except Table C-00-AH.

**Percent of Nonrefinanced Primary Mortgage, Including Home-Equity Lump Sum, Used for Home Purchase and Improvement.**

#### **Place Size.**

#### **Previous Occupancy.**

#### **Special Living.**

#### **Tenure.**

General note: In many cases, not reported lines were added (to show a more complete picture) or dropped due to allocation or instances where they were no longer applicable.

# Appendix D. Errors

---

All numbers from the American Housing Survey (AHS), except for sample size, are estimates. Standard error tables for National estimates are located at <[www.census.gov/housing/ahs/](http://www.census.gov/housing/ahs/)>. As in other surveys, errors come primarily from the following:

Incomplete data (Incomplete data are adjusted by assuming that the respondents are similar to those not answering and the size of these errors is estimated).

Wrong answers (The U.S. Census Bureau does not adjust for wrong answers and does not estimate the size of the errors).

Sampling (Sampling errors are not adjusted and the size of the error is estimated).

Incomplete data and wrong answers are usually the largest source of errors, larger than sampling errors.

## INCOMPLETE DATA

Coverage errors. Because of deficiencies with sampling lists, the housing units in the AHS do not represent all housing units in the country. The Census Bureau attempts to compensate for the deficiencies by adjusting the raw numbers from the survey proportionally so that the published numbers match independent estimates of the total number of housing units. See Appendix B, “New Construction Adjustment” and “Demographic Adjustment.” For example, independent estimates changed around 2.5 percent in both 1981 and 1991 (after the 1980 and 1990 censuses, respectively) which implies that some error existed in the independent estimation procedures in the years just before the censuses. By comparison, the independent estimates changed by 0.8 percent in 2003 (after the 2000 census).

Selection bias occurs when some members of a population are inadequately represented in the sample. In 2005, the Census Bureau attempted to reduce the undercoverage in two segments of the population by adding sample units selected from the 2000 census (i.e., manufactured/mobile homes built between 1980 and 2000 and special living units). Overall, housing unit undercoverage is about 4.8 percent for the 2011 AHS-N. Table D-1 lists units that have known coverage deficiencies.

Missing data. Some people refuse the entire interview or only some of the questions, or some may not know the answers to all of the questions. When entire interviews are missing, other similar interviews are used to represent the missing ones (See Appendix B, “Noninterview Adjustment”).

For most missing answers, an answer from a similar household is copied.<sup>1</sup> For other items not recorded in the interview, “Not reported” is used as an answer category. The most common items with missing data are primarily those that people forget or consider personal: mortgages, other housing costs, and income.

Incompleteness can cause large errors since, when even 10 percent of housing units are missed by a particular question, they represent about 13.2 million housing units that have to be estimated (there are about 132 million housing units in the United States). The survey estimates them by assuming that they are similar to some group of housing units that did report data, an assumption that is never exactly true although it is usually better than ignoring the housing units with the missing data. Thus, it is not surprising that large biases, as shown in Table D-2, are possible when the survey has data for only 50 to 90 percent of housing units for particular items. Readers should be wary of items with highly incomplete data.<sup>2</sup>

Rates of completeness were not computed for 2011. Table 2 in Appendix D of American Housing Survey for the U.S. in 1995 gives the completeness rates for 1995. Due to the change in data collection methodology, the rates for 2011 may be higher or lower than in the past. However, the items that were most incomplete in 1995 are probably still most incomplete for 2011.

---

<sup>1</sup> Hot deck allocation is used: an answer is copied from the most recently processed similar household before the household with the missing item.

<sup>2</sup> Statistical note: The November 1990 paper, How Response Error, Missing Data and Undercoverage Bias Survey Data, estimates that 90 percent of errors from incomplete data are less than:  $1.645 \times (.0012 \times U + .0363 \times (\text{lesser of } A \text{ or } U-A))$  where A is any count from the AHS and U is the total number of housing units in the United States or metropolitan area (both in thousands, result also in thousands). Weights are adjusted to reduce these errors, but it is not known how much error remains. How Response Error, Missing Data and Undercoverage Bias Survey Data, order number HUD-6458, is available from HUD USER by e-mail at <[helpdesk@huduser.org](mailto:helpdesk@huduser.org)> or call 1-800-245-2691.

Table D-1.

**Poorly Covered Units**

| Type of unit                                                                | Type of deficiency                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Manufactured/mobile homes, boats, and recreational vehicles (RVs)           | No coverage of new manufactured/mobile home parks, new marinas, and new RV parks since April 1980 for AHS-N in areas where addresses are complete and permits are required for new construction.                                                                                                  |
| Conventional new construction in permit issuing areas                       | No coverage of permits issued fewer than 8 months before interviewing or housing units built without permits where permits are required. In addition, eligible units could be missed and ineligible units included because of incorrect answers to questions used to screen out ineligible units. |
| New construction in special places (for example, college campuses, prisons) | Not covered in either permit-issuing or nonpermit-issuing areas.                                                                                                                                                                                                                                  |
| Group quarters and houses moved in                                          | Eligible units could be missed because of incorrect answers to questions used to screen out ineligible units.                                                                                                                                                                                     |
| Conversions from nonresidential units                                       | Minimal coverage of nonresidential units in buildings with no living quarters at the time of the 1980 census that converted to housing units by 1991 (and no coverage since 1991) in areas where addresses are complete and permits are required for new construction.                            |
| Within-structure additions                                                  | Some extra apartments created illegally or occupied by fugitives are probably missed because people do not report them for fear of penalties.                                                                                                                                                     |
| Whole structure additions not covered by permit sampling                    | These units are chosen with the aid of screening questions. Eligible units could be missed and ineligible units included because of incorrect answers to the screening questions.                                                                                                                 |

**Change over time.** Several aspects of the AHS make estimates of change from previous data unreliable. These changes may elicit different answers from the past, even if nothing changed in the housing unit. Some examples of changes that may have affected answers include:

- Question wording
- Order of questions

- Switch from paper to computer questionnaire in 1997
- Lack of Spanish questionnaire, prior to 2009

**WRONG ANSWERS**

Wrong answers happen because people misunderstand questions, cannot recall the correct answer, or do not want to give the right answer. See Appendix D in American Housing Survey for the United States: 2005 for more discussion on this topic.

**SAMPLING ERRORS**

**Sampling errors definition.** Error from sampling reflects how estimates from a sample vary from the actual value. (Note: “Actual value” means the value derived if all housing units had been interviewed under the same conditions, rather than only a sample). A confidence interval is a range that contains the actual value with a specified probability. The range of nonsampling error is usually larger than this confidence interval.

**Counts.** Most numbers from the AHS are counts of housing units (for example, units with basements or units with an elderly person). These counts have error from sampling. As with the other types of errors, readers should be wary of numbers with large errors from sampling.

Table D-3 gives a convenient list of errors for a range of numbers for the 2011 AHS-N. The error from sampling cannot be known exactly. For numbers not in Table D-3, the error from sampling is approximated using the following formula for constructing a 90-percent confidence interval:

$$\pm 1.645 \sqrt{A}$$

where A is a number (a count of units in thousands) from the AHS. This formula is an overestimate for most items. For more accurate estimates, use the formulas in Table D-4.

For example if A is 200:

$$\pm 1.645 \sqrt{200} = \pm 23.7$$

The 90-percent confidence interval can then be formed by adding and subtracting this error to the survey estimate of 200 (that is, 200 plus or minus 23.7). Statements such as “the actual value is in the range 200 plus or minus 23.7 (176 to 223),” are right 90-percent of the time and wrong 10 percent of the time.<sup>3</sup>

Numbers in the publication are printed in thousands, so 200 means 200,000. The formulas are designed to use numbers directly from the publication; do not add zeros. The result is also in thousands, so 23.7 means 23,700.

<sup>3</sup> The formula in the text is based on 1.645 times the standard error from sampling. This formula gives “90-percent confidence interval errors.” For 95-percent confidence interval errors, multiply by 1.96 instead of 1.645; for 99-percent confidence, multiply by 2.576 instead of 1.645.

**Percents.** Any subgroup can be shown as a percent of a larger group. For AHS-N, the error from sampling for a 90-percent confidence interval for this percent is:

$$1.645 \times \sqrt{\frac{4.12 \times p \times (100 - p)}{A}}$$

where p is the percent; A is the denominator, or base of the percent in thousands.

For example, the error from sampling for a 90-percent confidence interval for 40 percent of 200 (meaning 200,000) is:

$$1.645 \times \sqrt{\frac{4.12 \times 40 \times 60}{200}} = 11.6$$

Statements such as “the actual percent is in the range 28.4 percent to 51.6 percent” are right 90 percent of the time.

This formula is an overestimate for most items. To get a more accurate estimate for AHS-N, replace the first number under the square root sign (above), 4.12, with the first number under the square root sign of the appropriate formula from Table D-4.<sup>4</sup>

Note that when a ratio C/D is computed where C is not a subgroup of D (for example, the number of Hispanics as a ratio of the number of Blacks), the error from sampling is different.<sup>5</sup>

**Medians.** The steps in Table D-5 calculate the error from sampling for a 90-percent confidence interval for medians. This is an approximation of the error.

For small bases, the confidence interval on medians cannot be estimated reliably. To estimate a median’s sampling error more accurately, use Table D-6 to find the sampling error on 50 percent and apply it to compute the 90-percent confidence interval for the median.

Table D-7 provides a method for approximating standard errors for home improvement median costs (publication table C-16-OO). For medians in this table greater than \$10,000, the value \$5,000 will provide a conservative estimate for the standard error.

**Differences.** Two numbers from the AHS, like 21 and 34 or 34 percent and 55 percent have a “statistically

significant” difference if their ranges of error from sampling for a 90-percent confidence interval do not overlap.<sup>6</sup>

**Formulas for error from sampling.** The letter “A” in the formulas in Tables D-4, D-5, and D-6 represents a number (a count of housing units in thousands) from AHS (see “Sampling Errors” text for an example of how “A” is used). For AHS-N, the minimum error from sampling is  $\pm 9$  (meaning  $\pm 9$  thousand).<sup>7</sup> If a formula gives an error smaller than 9, use 9.

For AHS-N, if an item falls into two different categories in Table D-4, use the formula that gives the largest error. For example, for Owner-Occupant Hispanics’ income outside a metropolitan statistical area, use the formula for Outside MSA (since there is no specific formula for income and the formula for Outside MSA will give a larger error than the formula for Hispanics).

Historically, separate formulas were provided for several individual characteristics such as fuels and neighborhood characteristics. In 2011, variance formulas were calculated separately for Total Housing Units, Total Occupied Housing Units, and for the two tenures (Owner and Renter). These formulas adequately approximate the errors for the previously separated characteristics.

**Replicate weights.** Each year starting in 2009, a file of replicate weights for that year’s data is provided at <[www.huduser.org/portal/datasets/ahs.html](http://www.huduser.org/portal/datasets/ahs.html)>. This file is merged with the public-use file to calculate the exact errors used to calculate confidence intervals. These replicate weights simulate the drawing of multiple samples from the population; these multiple simulations are used to estimate the variability observed in repeated sampling. Note that 1 year’s replicate weight file is specific to that year, and the replicate weights are not used to calculate population estimates. A detailed explanation on how to use the replicate weight file is available on HUD USER <[www.huduser.org/portal/](http://www.huduser.org/portal/)>.

<sup>6</sup> When ranges of error from sampling for a 90-percent confidence interval do overlap, numbers are still statistically different if the result of subtracting one from the other is more than:  $\sqrt{(\text{error for first number})^2 + (\text{error for second number})^2}$ . The error for the first and second numbers should be interpreted as the error for a 90-percent confidence interval for the first and second numbers, respectively.

<sup>7</sup> This minimum error formula is based on the following binomial 90-percent confidence interval on zero  $U \times (1 - .1^{4.12/U}) = 9$  (where U is the total number of housing units from the AHS). For a 95-percent confidence interval, substitute .05 for .1 in the above formula. For a 99-percent confidence interval, substitute .01 for .1. More discussion and other approximations are in the paper “Sampling Errors for Small Groups” available from HUD USER at <[www.huduser.org/datasets/ahs/ahsprev.html](http://www.huduser.org/datasets/ahs/ahsprev.html)>.

<sup>4</sup> This formula is actually  $1.645 \times \sqrt{p(100 - p)/n}$ , since 4.12/A adjusts the data to the effective sample size.

<sup>5</sup> The error from sampling for a 90-percent confidence interval for a ratio C/D is:  $C/D \sqrt{(\text{error for C/C})^2 + (\text{error for D/D})^2}$  when the error for C should be interpreted as the error for a 90-percent confidence interval for C. Likewise, the error for D should be interpreted as the error for a 90-percent confidence interval for D.

Table D-2.  
**Errors for Incomplete Data Bias: 2011 AHS-N**

(Numbers in thousands)

| When the AHS gives one of the following numbers | The chances are 90 percent that the complete value is inside the range of plus or minus |
|-------------------------------------------------|-----------------------------------------------------------------------------------------|
| 0                                               | 261                                                                                     |
| 10                                              | 262                                                                                     |
| 100                                             | 267                                                                                     |
| 1,000                                           | 321                                                                                     |
| 2,500                                           | 411                                                                                     |
| 5,000                                           | 560                                                                                     |
| 10,000                                          | 859                                                                                     |
| 25,000                                          | 1,754                                                                                   |
| 50,000                                          | 3,247                                                                                   |
| 75,000                                          | 3,690                                                                                   |
| 100,000                                         | 2,197                                                                                   |
| 110,000                                         | 1,600                                                                                   |
| 120,000                                         | 1,003                                                                                   |
| 125,000                                         | 704                                                                                     |
| 132,000                                         | 286                                                                                     |

Note: Refer to footnote 2.

Table D-3.  
**Errors From Sampling: 2011 AHS-N**

(Numbers in thousands)

| When the AHS gives one of the following numbers | The chances are 90 percent that the actual value is inside the range of plus or minus |
|-------------------------------------------------|---------------------------------------------------------------------------------------|
| 0                                               | 9                                                                                     |
| 10                                              | 11                                                                                    |
| 100                                             | 33                                                                                    |
| 1,000                                           | 105                                                                                   |
| 2,500                                           | 166                                                                                   |
| 5,000                                           | 233                                                                                   |
| 10,000                                          | 324                                                                                   |
| 25,000                                          | 488                                                                                   |
| 50,000                                          | 629                                                                                   |
| 75,000                                          | 686                                                                                   |
| 100,000                                         | 682                                                                                   |
| 110,000                                         | 664                                                                                   |
| 120,000                                         | 635                                                                                   |
| 125,000                                         | 616                                                                                   |
| 132,000                                         | 583                                                                                   |

Source: These errors were computed based on a formula in Table D-4 with high error. This table represents a conservative example.

Table D-4.

**Formulas for 90 Percent Confidence Intervals:<sup>8</sup> 2011 AHS-N**

| Characteristic   | Total and total occupied                                 | Owner occupied                                           | Renter occupied                                          |
|------------------|----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
| New construction | $1.645 \times \sqrt{2.63 \times A - .000096 \times A^2}$ | $1.645 \times \sqrt{2.63 \times A - .000096 \times A^2}$ | $1.645 \times \sqrt{2.63 \times A - .000096 \times A^2}$ |
| Mobile homes     | $1.645 \times \sqrt{4.24 \times A - .000125 \times A^2}$ | $1.645 \times \sqrt{4.24 \times A - .000125 \times A^2}$ | $1.645 \times \sqrt{4.24 \times A - .000125 \times A^2}$ |

**Household Characteristics**

| Characteristic | Total and total occupied                                 | Owner occupied                                           | Renter occupied                                          |
|----------------|----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
| Black          | $1.645 \times \sqrt{2.46 \times A - .000125 \times A^2}$ | $1.645 \times \sqrt{2.59 \times A - .000319 \times A^2}$ | $1.645 \times \sqrt{2.41 \times A - .000241 \times A^2}$ |
| Hispanic       | $1.645 \times \sqrt{2.30 \times A - .000140 \times A^2}$ | $1.645 \times \sqrt{2.42 \times A - .000321 \times A^2}$ | $1.645 \times \sqrt{2.20 \times A - .000265 \times A^2}$ |
| Elderly        | $1.645 \times \sqrt{2.55 \times A - .000072 \times A^2}$ | $1.645 \times \sqrt{2.65 \times A - .000097 \times A^2}$ | $1.645 \times \sqrt{2.18 \times A - .000344 \times A^2}$ |
| Below poverty  | $1.645 \times \sqrt{2.84 \times A - .000004 \times A^2}$ | $1.645 \times \sqrt{2.84 \times A - .000004 \times A^2}$ | $1.645 \times \sqrt{2.84 \times A - .000004 \times A^2}$ |

**Inside MSA Characteristics**

| Characteristic   | Total and total occupied                                 | Owner occupied                                           | Renter occupied                                          |
|------------------|----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
| Central city     | $1.645 \times \sqrt{2.47 \times A + .000383 \times A^2}$ | $1.645 \times \sqrt{2.47 \times A + .000383 \times A^2}$ | $1.645 \times \sqrt{2.47 \times A + .000383 \times A^2}$ |
| Not central city | $1.645 \times \sqrt{2.51 \times A + .000196 \times A^2}$ | $1.645 \times \sqrt{2.51 \times A + .000196 \times A^2}$ | $1.645 \times \sqrt{2.51 \times A + .000196 \times A^2}$ |
| Outside MSA      | $1.645 \times \sqrt{3.40 \times A + .002689 \times A^2}$ | $1.645 \times \sqrt{3.40 \times A + .002689 \times A^2}$ | $1.645 \times \sqrt{3.40 \times A + .002689 \times A^2}$ |

**Home Improvement Characteristics**

| Characteristic   | Formula                                                     |
|------------------|-------------------------------------------------------------|
| Job counts       | $1.645 \times \sqrt{4.12 \times A + .000112 \times A^2}$    |
| Job expenditures | $1.645 \times \sqrt{175,000 \times A - .000042 \times A^2}$ |

**Seasonal and Vacant Housing Units**

| Characteristic     | Formula                                                   |
|--------------------|-----------------------------------------------------------|
| Seasonal           | $1.645 \times \sqrt{4.54 \times A + .001884 \times A^2}$  |
| Total vacant       | $1.645 \times \sqrt{2.69 \times A + .000476 \times A^2}$  |
| For rent           | $1.645 \times \sqrt{1.73 \times A + .000154 \times A^2}$  |
| For sale only      | $1.645 \times \sqrt{2.02 \times A - .000546 \times A^2}$  |
| Rented or sold     | $1.645 \times \sqrt{2.41 \times A + .001128 \times A^2}$  |
| Occasional use/URE | $1.645 \times \sqrt{2.63 \times A + .002141 \times A^2}$  |
| Other vacant       | $1.645 \times \sqrt{2.51 \times A + 0.000110 \times A^2}$ |

**Other Characteristics**

| Characteristic                                      | Total and total occupied                                 | Owner occupied                                           | Renter occupied                                          |
|-----------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
| Total units, regions, divisions, units in structure | $1.645 \times \sqrt{4.12 \times A - .000024 \times A^2}$ | $1.645 \times \sqrt{4.12 \times A - .000024 \times A^2}$ | $1.645 \times \sqrt{2.55 \times A - .000047 \times A^2}$ |
| Rural                                               | $1.645 \times \sqrt{3.32 \times A + .000237 \times A^2}$ | $1.645 \times \sqrt{3.32 \times A + .000237 \times A^2}$ | $1.645 \times \sqrt{3.32 \times A + .000237 \times A^2}$ |
| Urban                                               | $1.645 \times \sqrt{2.52 \times A + .000043 \times A^2}$ | $1.645 \times \sqrt{2.52 \times A + .000043 \times A^2}$ | $1.645 \times \sqrt{2.35 \times A - .000022 \times A^2}$ |

In tables D-5 and D-6, housing cost data are used to calculate the 90-percent confidence interval for medians using grouped data (all numbers are in thousands).

|                                   | Total housing units | Cumulative number of housing units |
|-----------------------------------|---------------------|------------------------------------|
| <b>Total . . . . .</b>            | <b>209</b>          | <b>–</b>                           |
| Less than \$500 . . . . .         | 50                  | 50                                 |
| \$500 to \$599 . . . . .          | 45                  | 95                                 |
| \$600 to \$699 . . . . .          | 30                  | 125                                |
| \$700 to \$799 . . . . .          | 20                  | 145                                |
| \$800 or more . . . . .           | 55                  | 200                                |
| Not reported . . . . .            | 9                   | –                                  |
| <b>Median (dollars) . . . . .</b> | <b>\$627</b>        | <b>–</b>                           |

Table D-5.

### How to Compute the Error From Sampling for a 90 Percent Confidence Interval for a Median

| Steps for calculations                                                                                    | The formula                                    | An example                                      |
|-----------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------|
| How many total units is the median based on (in thousands, exclude "not reported" and "don't know")?      | A                                              | 200                                             |
| What is the estimated standard error of a 50 percent characteristic with a base equaling the total units? | $\sigma = \sqrt{\frac{4.12(0.5)(1 - 0.5)}{A}}$ | $\sqrt{\frac{4.12(0.5)(1 - 0.5)}{200}} = 0.072$ |
| What are the end points of the category the median is in?                                                 | X – Y                                          | \$600 – 699                                     |
| What is the width of this category (in dollars, rooms, or whatever the item measures)?                    | W                                              | \$100                                           |
| How many housing units are in this median category (in thousands)?                                        | B                                              | 30                                              |
| What is the estimated proportion of the total units falling in the category containing the sample median? | $P = \frac{B}{A}$                              | $\frac{30}{200} = 0.15$                         |
| Then the standard error from sampling for the median is approximately:                                    | $se_{median} = \frac{\sigma \times W}{P}$      | $\frac{0.072 \times \$100}{0.15} = \$48$        |
| The 90 percent confidence interval for the median is:                                                     | $Median \pm 1.645 \times se_{median}$          | \$627 ± \$79                                    |

Table D-6:

**Calculation of the 90 Percent Confidence Interval for Medians**

| Item                                                                                                                                                                                                            | Formula                                                                  | Bottom limit example              | Top limit example                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------|------------------------------------|
| How many total units is the median based on (in thousands, exclude "not reported")?                                                                                                                             | A                                                                        | 200                               |                                    |
| Half the total, for the median (in thousands)                                                                                                                                                                   | $A/2$                                                                    | 100                               |                                    |
| Error from sampling for 50 percent of the base of this median (first line)                                                                                                                                      | $1.645 \times \sqrt{\frac{4.12(0.5)(1-0.5)}{A}} = \frac{1.67}{\sqrt{A}}$ | $\frac{1.67}{\sqrt{200}} = 0.118$ |                                    |
| Multiply this percentage by total units to give the error in housing units.                                                                                                                                     | $\frac{1.67}{\sqrt{A}} \times A = 1.67\sqrt{A}$                          | $0.118 \times 200 = 23.5$         |                                    |
| Bottom of error range (second line minus fourth line, in thousands)                                                                                                                                             | $B_{\text{bottom}}$                                                      | 76.5*                             |                                    |
| Top of error range (second line plus fourth line, in thousands)                                                                                                                                                 | $B_{\text{top}}$                                                         |                                   | 123.5*                             |
| *Start adding up the housing units in this table, category by category, cumulatively from the beginning of the table, until you exceed the starred number above. What interval does the starred number fall in? |                                                                          | \$500 – 599                       | \$600 – 699                        |
| How many housing units are in all the categories before this one (in thousands)?                                                                                                                                | C                                                                        | 50                                | 95                                 |
| How many housing units are in this category (in thousands)?                                                                                                                                                     | D                                                                        | 45                                | 30                                 |
| What is the bottom limit of this category (in dollars, rooms, or whatever the item measures)?                                                                                                                   | E                                                                        | \$500                             | \$600                              |
| What is the bottom limit of the next category (in dollars, rooms, etc.)?                                                                                                                                        | F                                                                        | \$600                             | \$700                              |
| Formula to calculate limits of confidence interval                                                                                                                                                              | $\frac{B - C}{D}(F - E) + E$                                             | $\frac{76.5 - 50}{45}(100) + 500$ | $\frac{123.5 - 95}{30}(100) + 600$ |
| Limits of confidence interval (in dollars, rooms, etc.)                                                                                                                                                         |                                                                          | \$559                             | \$695                              |

\*Starting with the starred step, this worksheet is equivalent to interpolation, for those who are familiar with this term.

In the Home Improvement Costs publication table (C-16-OO), cost data are not grouped. Therefore, table D-7 provides an empirically based method for approximating the standard errors for these medians. In the following example; an estimated 2,000 (in thousands) owner-occupied units had a kitchen remodeled, with a median cost of \$4,000.

Table D-7:

**Calculation of the 90 Percent Confidence Interval for Home Improvement Job Cost Medians**

| Steps for calculations                                                                                           | The formula                                               | An example                                                |
|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| What is the total number of jobs the median is based on (in thousands, exclude "not reported" and "don't know")? | A                                                         | 2,000                                                     |
| What is the estimated coefficient of variation (CV)?                                                             | $CV = \sqrt{\frac{175,000(0.5)(1 - 0.5)}{A \times 1000}}$ | $\sqrt{\frac{175,000(0.5)(1 - 0.5)}{2,000,000}} = 0.1479$ |
| Multiply the estimated CV by the median given in table C-16-OO to obtain an estimate of the standard error.      | $se_{median} = CV \times median$                          | $0.1479 \times \$4,000 = \$592$                           |
| The 90 percent confidence interval for the median is:                                                            | $Median \pm 1.645 \times se_{median}$                     | $\$4,000 \pm \$974$                                       |

For medians below \$10,000, this method will provide a close approximation of the standard errors calculated using replicate weights. For medians greater than \$10,000, this method drastically overestimates the standard error calculated with replicate weights. Therefore, for items with a median greater than \$10,000, the value \$5,000 will provide a conservative approximation to the standard error calculated with replicate weights.