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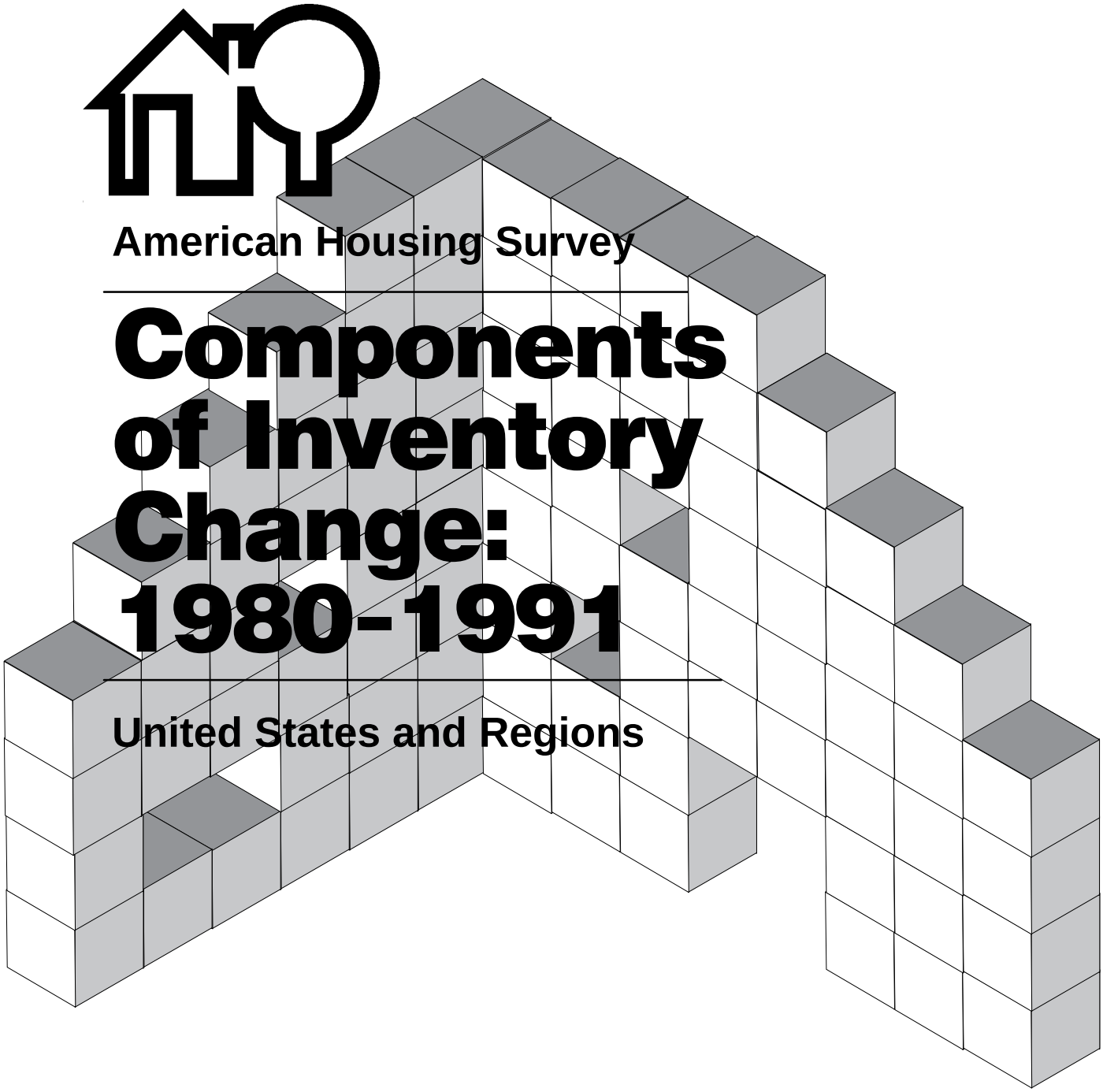

American Housing Survey

Components of Inventory Change: 1980–1991

United States and Regions

U.S. Department of Commerce
Economics and Statistics Administration
BUREAU OF THE CENSUS

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

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Duane McGough, assisted by **Ronald J. Sepanik,** was responsible for overseeing the Components of Inventory Change Survey and the resultant report on behalf of HUD.

Within the Bureau of the Census, this report was developed in the Housing and Household Economics Statistics Division. It was prepared under the supervision of **Leonard J. Norry,** Assistant Division Chief, by **Edward D. Montfort,** Chief, Coordination and Operations Branch, assisted by **Paul P. Harple, Jr.,** and **Jane S. Maynard.** Specific activities related to data collection procedures, statistical presentation, organization of the report, and preparation of the text materials were performed by **Ethelery Johnson, Saundra Lord,** and **Barbara T. Williams.**

Under the direction of **Sherry L. Courtland,** Chief, Demographic Surveys Division, **Thomas J. Meerholz,** Assistant Division Chief, coordinated the systems and processing procedures. Under the supervision of **Thomas L. Blatt, Marie Butler, Paul Donlin, Gail Burns**, and **Diane S. Schwartz** provided computer programming and processing.

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OCCUPIED UNITS	Chapter 2 Total occupied	Chapter 3 Owner occupied	Chapter 4 Renter occupied	Chapter 5 In central cities	Chapter 6 Suburbs	Chapter 7 Outside MSA's
	Table number					
1. Introductory Characteristics	2-1	3-1	4-1	5-1	6-1	7-1
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Explanations and Cautions

EXPLANATIONS

Contents of book. This book presents the counts of the components of change in the housing inventory from the base year of 1980 to the current year of 1991. The data are based on a sample of housing units interviewed for the Decennial Census of Population and Housing in the base year and units interviewed for the American Housing Survey (AHS) in the current year. The Components of Inventory Change (CINCH) Survey was conducted as a supplement to the AHS, which was sponsored by U. S. Department of Housing and Urban Development (HUD) and conducted by the U. S. Bureau of the Census. The components of change in the inventory consist of additions to the inventory from ''New construction,'' ''Conversions,'' and additions from ''Other sources;'' losses from the inventory as a result of ''Mergers,'' ''Demolition or disaster'' losses, and losses from ''Other means'', as well as housing units that were the ''Same'' in number in 1980 as they were in 1991. For example, ''Same'' means there was one housing unit there in 1980 and one housing unit there in 1991. This book presents data on a variety of characteristics, including type of structure; occupancy status; age, sex, and race of householders; income; housing and neighborhood quality; housing costs; equipment and fuels; size of the housing units; and many other items.

Sources of the data. The Components of Inventory Change Survey (CINCH) is conducted by interviewers who obtain information from occupants of homes. They get information on vacant homes from informed people, such as landlords, rental agents, or knowledgeable neighbors. The 1991 national survey was conducted from July through December 1991. This is a national sample of about 55,000 interviews conducted every other year.

CORRECTIONS

The H-151-83, No. 1 report, Annual Housing Survey, *Components of Inventory Change: 1973-1983,* U. S. Department of Commerce, U.S. Department of Housing and Urban Development, contained some errors in the tabulation of numbers in the Disposition of the 1973 Inventory tables for 1980, 1981, and 1983. Units that were mobile homes and fell in the ''House or mobile home moved out'' category and all units in the ''Scheduled to be demolished'' category were inadvertently tallied in the ''Other'' losses category. The largest portion of this error occurred in the ''House or mobile home moved out'' and the ''Other'' category. The numbers below show only the correct totals for each category. Revised numbers are not available for the subcategories.

Disposition of the 1973 Inventory

Year	Total lost	Merger	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or to be demolished	Other
1980	5994	471	1900	2278	547	614	184
1981	6606	480	2186	2690	534	557	160
1983	6643	547	2444	2233	596	633	189

HISTORICAL COMPARISONS

The numbers in chapters 1 through 7 of this book are not comparable to similar data published in 1983 and earlier, nor are they comparable to American Housing Survey data prior to 1991. Each home in the AHS sample represents a large number of other homes. The numbers are adjusted so that the total in the survey matches independent estimates of the total number of homes. For 1991, these numbers are based on the 1990 Census of Housing, minus change between 1985 and 1990.

CAUTIONS

Definitions. The 1980 and 1991 numbers in this report come from different sources: the 1980 numbers are from responses given to the 1980 census, and the 1991 numbers are from responses to the 1991 AHS. For many of the items, the definitions or the wording of the questions are different, and the user should check the specific definitions for the individual data items being used.

Sampling and nonsampling errors. The numbers in this book have errors from sampling and other causes (incomplete data, wrong answers, etc.) The table below shows how big the sampling errors are. Nonsampling errors are usually even bigger.

As an example of how to use the table below, suppose this book shows 1,000,000 homes classified as ''Sames.''

The table shows the range of error is 81,000 homes. This means there are likely to be between 919,000 and 1,081,000 homes of this type. More precision cannot be obtained from this survey.

Appendix D gives more detailed formulas to calculate errors for a wide range of items. Appendix D also gives some estimates of nonsampling errors.

Sampling Error

When this book shows one of the following numbers—	The odds are 90 percent that the error from sampling is less than—
0	3,000
5,000	6,000
10,000	8,000
25,000	13,000
50,000	18,000
100,000	26,000
250,000	41,000
500,000	58,000
1,000,000	81,000
2,500,000	127,000
5,000,000	178,000
7,500,000	214,000
10,000,000	243,000
25,000,000	347,000
50,000,000	384,000
75,000,000	285,000
85,000,000	169,000
89,199,000	3,000

Income and poverty. Historically, the AHS, and consequently CINCH, underreports income and overreports poverty when compared to the Current Population Survey (CPS), and AHS, CINCH, and CPS all underreport income and overreport poverty when compared to tax returns and national income accounts. The AHS households mention fewer sources of income than CPS. The poverty data in the AHS are not published as an official count of households in poverty, but to show the housing characteristics of low-income households. For a discussion of income and poverty, see appendix C, of the H150/91 report.

A detailed discussion of AHS income data is presented in the Census Bureau memorandum for the record, ''Comparison of 1989 AHS and CPS Income Reporting.'' The memorandum for the record, ''AHS Poverty Data, 1985 to 1989,'' presents a detailed discussion of AHS poverty data. Copies of both memoranda can be obtained by writing to the Housing and Household Economic Statistics Division, Bureau of the Census, Washington, DC 20233-3300 (telephone 301-763-8551).

Hispanic data. The information on the Hispanic households shown in this report was collected in the 50 states and the District of Columbia, and therefore, does not include households of Puerto Rico.

DATA AVAILABILITY

Other books with national data are available from:

HUD User ($4, 800-245-2691 or 301-251-5154)
Box 6091
Rockville, MD 20854; and

Superintendent of Documents
($20-$40, 202-783-3238, ask for:
Census Bureau Series H150 and H151;
depository libraries may order SuDoc prefix C3.215)
Washington, DC 20402-9325

Table A-1. **Source of the 1991 Housing Inventory**

[Numbers in thousands. Data based on sample, see text. For meaning of symbols, see text.]

United States and Regions	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresi-dential use	Other
Number									
United States	104 556	80 059	964	321	23 212	18 703	3 910	427	173
Inside MSA's	79 814	61 741	807	263	17 002	14 776	1 866	230	129
In central cities	32 128	27 001	395	164	4 567	4 175	191	117	85
Not In central cities	47 686	34 740	412	99	12 435	10 602	1 676	113	44
Outside MSA's	24 742	18 318	157	57	6 210	3 926	2 044	197	44
Northeast	21 054	17 685	394	114	2 861	2 253	464	115	30
Inside MSA's	17 982	15 378	342	104	2 158	1 818	229	90	22
In central cities	6 682	6 090	169	56	368	279	17	57	14
Not In central cities	11 300	9 288	173	48	1 791	1 539	212	33	7
Outside MSA's	3 072	2 307	52	10	703	435	235	25	9
Midwest	24 988	21 015	221	95	3 657	3 089	478	52	38
Inside MSA's	17 300	14 583	166	70	2 481	2 281	165	21	14
In central cities	7 226	6 440	73	51	662	621	23	7	11
Not In central cities	10 074	8 143	93	19	1 819	1 660	143	13	3
Outside MSA's	7 687	6 432	55	25	1 176	808	313	31	24
South	36 985	25 455	191	62	11 277	8 835	2 201	193	49
Inside MSA's	26 644	18 432	152	47	8 013	6 786	1 096	82	49
In central cities	10 570	8 443	82	35	2 011	1 859	75	31	45
Not In central cities	16 073	9 990	70	12	6 002	4 926	1 021	50	4
Outside MSA's	10 341	7 023	39	15	3 265	2 049	1 105	111	–
West	21 529	15 904	158	51	5 417	4 526	767	68	56
Inside MSA's	17 888	13 348	147	43	4 350	3 892	376	38	45
In central cities	7 650	6 029	71	23	1 527	1 415	76	21	15
Not In central cities	10 238	7 319	76	20	2 823	2 477	301	17	29
Outside MSA's	3 642	2 556	11	8	1 067	634	391	30	11
Percent Distribution									
United States	100.0	76.6	.9	.3	22.2	17.9	3.7	.4	.2
Inside MSA's	100.0	77.4	1.0	.3	21.3	18.5	2.3	.3	.2
In central cities	100.0	84.0	1.2	.5	14.2	13.0	.6	.4	.3
Not In central cities	100.0	72.9	.9	.2	26.1	22.2	3.5	.2	.1
Outside MSA's	100.0	74.0	.6	.2	25.1	15.9	8.3	.8	.2
Northeast	100.0	84.0	1.9	.5	13.6	10.7	2.2	.5	.1
Inside MSA's	100.0	85.5	1.9	.6	12.0	10.1	1.3	.5	.1
In central cities	100.0	91.1	2.5	.8	5.5	4.2	.3	.9	.2
Not In central cities	100.0	82.2	1.5	.4	15.8	13.6	1.9	.3	.1
Outside MSA's	100.0	75.1	1.7	.3	22.9	14.2	7.7	.8	.3
Midwest	100.0	84.1	.9	.4	14.6	12.4	1.9	.2	.2
Inside MSA's	100.0	84.3	1.0	.4	14.3	13.2	1.0	.1	.1
In central cities	100.0	89.1	1.0	.7	9.2	8.6	.3	.1	.2
Not In central cities	100.0	80.8	.9	.2	18.1	16.5	1.4	.1	–
Outside MSA's	100.0	83.7	.7	.3	15.3	10.5	4.1	.4	.3
South	100.0	68.8	.5	.2	30.5	23.9	6.0	.5	.1
Inside MSA's	100.0	69.2	.6	.2	30.1	25.5	4.1	.3	.2
In central cities	100.0	79.9	.8	.3	19.0	17.6	.7	.3	.4
Not In central cities	100.0	62.1	.4	.1	37.3	30.6	6.4	.3	–
Outside MSA's	100.0	67.9	.4	.1	31.6	19.8	10.7	1.1	–
West	100.0	73.9	.7	.2	25.2	21.0	3.6	.3	.3
Inside MSA's	100.0	74.6	.8	.2	24.3	21.8	2.1	.2	.2
In central cities	100.0	78.8	.9	.3	20.0	18.5	1.0	.3	.2
Not In central cities	100.0	71.5	.7	.2	27.6	24.2	2.9	.2	.3
Outside MSA's	100.0	70.2	.3	.2	29.3	17.4	10.7	.8	.3

Table B-1. **Disposition of the 1980 Housing Inventory as of 1991**

[Numbers in thousands. Data based on sample, see text. For meaning of symbols, see text.]

United States and Regions	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Number										
United States	89 275	80 059	442	691	8 083	2 899	3 281	729	757	417
Inside MSA's	67 326	61 741	367	579	4 638	1 809	1 589	497	476	267
In central cities	29 458	27 001	170	352	1 934	977	202	257	336	162
Not In central cities	37 869	34 740	197	227	2 704	832	1 387	240	140	105
Outside MSA's	21 948	18 318	74	111	3 445	1 090	1 692	233	281	150
Northeast	19 099	17 685	177	246	992	365	265	150	111	101
Inside MSA's	16 450	15 378	153	225	694	268	128	123	99	76
In central cities	6 639	6 090	67	119	364	158	5	66	80	56
Not In central cities	9 811	9 288	86	107	330	110	122	58	20	20
Outside MSA's	2 649	2 307	24	20	298	97	138	27	11	25
Midwest	23 165	21 015	102	201	1 847	757	627	178	220	64
Inside MSA's	15 813	14 583	75	155	1 000	468	257	92	149	33
In central cities	7 134	6 440	35	105	553	314	32	53	130	25
Not In central cities	8 680	8 143	40	50	447	154	226	40	19	9
Outside MSA's	7 351	6 432	27	45	847	290	369	86	71	31
South	29 561	25 455	80	149	3 877	1 317	1 729	301	359	171
Inside MSA's	20 748	18 432	61	124	2 130	733	896	213	192	97
In central cities	9 261	8 443	32	89	697	343	110	96	106	41
Not In central cities	11 487	9 990	29	35	1 434	390	786	117	86	55
Outside MSA's	8 812	7 023	19	25	1 746	584	833	88	167	74
West	17 450	15 904	83	96	1 368	459	660	100	67	81
Inside MSA's	14 315	13 348	78	75	814	341	308	68	36	61
In central cities	6 424	6 029	36	38	321	163	55	42	21	40
Not In central cities	7 891	7 319	42	36	494	178	253	26	16	21
Outside MSA's	3 136	2 556	5	21	553	118	352	32	31	19
Percent Distribution										
United States	100.0	89.7	.5	.8	9.1	3.2	3.7	.8	.8	.5
Inside MSA's	100.0	91.7	.5	.9	6.9	2.7	2.4	.7	.7	.4
In central cities	100.0	91.7	.6	1.2	6.6	3.3	.7	.9	1.1	.6
Not In central cities	100.0	91.7	.5	.6	7.1	2.2	3.7	.6	.4	.3
Outside MSA's	100.0	83.5	.3	.5	15.7	5.0	7.7	1.1	1.3	.7
Northeast	100.0	92.6	.9	1.3	5.2	1.9	1.4	.8	.6	.5
Inside MSA's	100.0	93.5	.9	1.4	4.2	1.6	.8	.7	.6	.5
In central cities	100.0	91.7	1.0	1.8	5.5	2.4	.1	1.0	1.2	.8
Not In central cities	100.0	94.7	.9	1.1	3.4	1.1	1.2	.6	.2	.2
Outside MSA's	100.0	87.1	.9	.8	11.3	3.7	5.2	1.0	.4	1.0
Midwest	100.0	90.7	.4	.9	8.0	3.3	2.7	.8	1.0	.3
Inside MSA's	100.0	92.2	.5	1.0	6.3	3.0	1.6	.6	.9	.2
In central cities	100.0	90.3	.5	1.5	7.8	4.4	.4	.7	1.8	.3
Not In central cities	100.0	93.8	.5	.6	5.1	1.8	2.6	.5	.2	.1
Outside MSA's	100.0	87.5	.4	.6	11.5	3.9	5.0	1.2	1.0	.4
South	100.0	86.1	.3	.5	13.1	4.5	5.8	1.0	1.2	.6
Inside MSA's	100.0	88.8	.3	.6	10.3	3.5	4.3	1.0	.9	.5
In central cities	100.0	91.2	.3	1.0	7.5	3.7	1.2	1.0	1.1	.4
Not In central cities	100.0	87.0	.3	.3	12.5	3.4	6.8	1.0	.7	.5
Outside MSA's	100.0	79.7	.2	.3	19.8	6.6	9.5	1.0	1.9	.8
West	100.0	91.1	.5	.5	7.8	2.6	3.8	.6	.4	.5
Inside MSA's	100.0	93.2	.5	.5	5.7	2.4	2.2	.5	.3	.4
In central cities	100.0	93.9	.6	.6	5.0	2.5	.9	.7	.3	.6
Not In central cities	100.0	92.8	.5	.5	6.3	2.3	3.2	.3	.2	.3
Outside MSA's	100.0	81.5	.2	.7	17.6	3.8	11.2	1.0	1.0	.6

Table C-1. **Net Changes in the Housing Inventory: 1980 to 1991**

[Numbers in thousands. Data based on sample, see text. For meaning of symbols, see text.]

	United States and Regions	Total housing units		Total net change		Units added through--					
									Other sources		
		1980	1991	Number	Percent	Total added	Conversion	New construction	House or mobile home moved in	From nonresidential use	Other
1	United States	89 275	104 556	15 282	17.1	23 735	522	18 703	3 910	427	173
2	Inside MSA's	67 326	79 814	12 488	18.5	17 442	440	14 776	1 866	230	129
3	In central cities	29 458	32 128	2 671	9.1	4 792	225	4 175	191	117	85
4	Not In central cities	37 869	47 686	9 817	25.9	12 649	215	10 602	1 676	113	44
5	Outside MSA's	21 948	24 742	2 794	12.7	6 293	82	3 926	2 044	197	44
6	Northeast	19 099	21 054	1 955	10.2	3 079	218	2 253	464	115	30
7	Inside MSA's	16 450	17 982	1 532	9.3	2 347	189	1 818	229	90	22
8	In central cities	6 639	6 682	43	.6	470	102	279	17	57	14
9	Not In central cities	9 811	11 300	1 489	15.2	1 877	87	1 539	212	33	7
10	Outside MSA's	2 649	3 072	423	16.0	732	29	435	235	25	9
11	Midwest	23 165	24 988	1 823	7.9	3 776	118	3 089	478	52	38
12	Inside MSA's	15 813	17 300	1 487	9.4	2 572	91	2 281	165	21	14
13	In central cities	7 134	7 226	92	1.3	700	37	621	23	7	11
14	Not In central cities	8 680	10 074	1 395	16.1	1 872	54	1 660	143	13	3
15	Outside MSA's	7 351	7 687	336	4.6	1 204	28	808	313	31	24
16	South	29 561	36 985	7 425	25.1	11 388	111	8 835	2 201	193	49
17	Inside MSA's	20 748	26 644	5 896	28.4	8 104	91	6 786	1 096	82	49
18	In central cities	9 261	10 570	1 310	14.1	2 061	50	1 859	75	31	45
19	Not In central cities	11 487	16 073	4 586	39.9	6 043	41	4 926	1 021	50	4
20	Outside MSA's	8 812	10 341	1 529	17.4	3 285	20	2 049	1 105	111	–
21	West	17 450	21 529	4 079	23.4	5 492	75	4 526	767	68	56
22	Inside MSA's	14 315	17 888	3 573	25.0	4 419	69	3 892	376	38	45
23	In central cities	6 424	7 650	1 226	19.1	1 562	35	1 415	76	21	15
24	Not In central cities	7 891	10 238	2 347	29.7	2 857	34	2 477	301	17	29
25	Outside MSA's	3 136	3 642	506	16.1	1 073	6	634	391	30	11

Units lost through--							
			Other means				
Total lost	Merger	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or to be demolished	Other	
8 453	370	2 899	3 281	729	757	417	1
4 954	316	1 809	1 589	497	476	267	2
2 122	187	977	202	257	336	162	3
2 833	129	832	1 387	240	140	105	4
3 499	54	1 090	1 692	233	281	150	5
1 124	132	365	265	150	111	101	6
815	121	268	128	123	99	76	7
427	63	158	5	66	80	56	8
388	58	110	122	58	20	20	9
309	10	97	138	27	11	25	10
1 953	106	757	627	178	220	64	11
1 085	85	468	257	92	149	33	12
608	55	314	32	53	130	25	13
478	31	154	226	40	19	9	14
867	21	290	369	86	71	31	15
3 964	87	1 317	1 729	301	359	171	16
2 208	77	733	896	213	192	97	17
751	55	343	110	96	106	41	18
1 457	23	390	786	117	86	55	19
1 756	10	584	833	88	167	74	20
1 413	45	459	660	100	67	81	21
846	32	341	308	68	36	61	22
336	15	163	55	42	21	40	23
510	17	178	253	26	16	21	24
567	13	118	352	32	31	19	25

Table D-1. Source of the 1991 Housing Inventory for Housing Units With a White, Black, or Hispanic Householder in the United States: 1991

[Numbers in thousands. Data based on sample, see text. For meaning of symbols, see text.]

United States	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Number									
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1991									
United States	79 896	61 220	651	222	17 803	14 621	2 772	315	94
Inside MSA's	61 036	46 954	525	178	13 378	11 733	1 427	165	54
In central cities	21 572	17 940	197	97	3 339	3 114	140	72	13
Not In central cities	39 464	29 015	328	81	10 040	8 618	1 287	93	42
Outside MSA's	18 860	14 266	126	44	4 424	2 889	1 346	151	39
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1991									
United States	9 895	8 145	127	53	1 569	1 285	238	33	13
Inside MSA's	8 404	7 102	119	50	1 133	1 014	83	23	13
In central cities	5 675	5 068	97	44	467	423	11	21	12
Not In central cities	2 729	2 034	22	6	667	591	73	3	1
Outside MSA's	1 491	1 044	8	3	435	271	154	10	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1991[1]									
United States	6 150	4 933	76	18	1 123	859	177	72	15
Inside MSA's	5 484	4 485	72	18	909	776	76	46	10
In central cities	3 125	2 675	45	10	395	325	24	36	10
Not In central cities	2 359	1 810	28	7	514	451	53	11	–
Outside MSA's	666	448	4	–	214	83	101	26	5
Percent Distribution									
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1991									
United States	100.0	76.6	.8	.3	22.3	18.3	3.5	.4	.1
Inside MSA's	100.0	76.9	.9	.3	21.9	19.2	2.3	.3	.1
In central cities	100.0	83.2	.9	.5	15.5	14.4	.6	.3	.1
Not In central cities	100.0	73.5	.8	.2	25.4	21.8	3.3	.2	.1
Outside MSA's	100.0	75.6	.7	.2	23.5	15.3	7.1	.8	.2
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1991									
United States	100.0	82.3	1.3	.5	15.9	13.0	2.4	.3	.1
Inside MSA's	100.0	84.5	1.4	.6	13.5	12.1	1.0	.3	.2
In central cities	100.0	89.3	1.7	.8	8.2	7.5	.2	.4	.2
Not In central cities	100.0	74.5	.8	.2	24.4	21.6	2.7	.1	–
Outside MSA's	100.0	70.0	.6	.2	29.2	18.2	10.3	.7	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1991[1]									
United States	100.0	80.2	1.2	.3	18.3	14.0	2.9	1.2	.2
Inside MSA's	100.0	81.8	1.3	.3	16.6	14.1	1.4	.8	.2
In central cities	100.0	85.6	1.4	.3	12.6	10.4	.8	1.1	.3
Not In central cities	100.0	76.7	1.2	.3	21.8	19.1	2.2	.4	–
Outside MSA's	100.0	67.2	.6	–	32.2	12.5	15.1	3.8	.8

[1]Persons of Hispanic origin may be of any race.

Table D-2. Source of the 1991 Housing Inventory for Housing Units With a White, Black, or Hispanic Householder in the Northeast: 1991

[Numbers in thousands. Data based on sample, see text. For meaning of symbols, see text.]

Northeast	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Number									
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1991									
Northeast	16 369	13 669	263	76	2 361	1 903	354	89	16
Inside MSA's	14 064	11 933	223	68	1 839	1 557	205	70	7
In central cities	4 303	3 920	91	33	259	200	17	42	–
Not In central cities	9 761	8 013	133	35	1 580	1 357	188	28	7
Outside MSA's	2 304	1 736	39	7	522	346	149	19	9
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1991									
Northeast	1 724	1 564	64	19	76	68	–	8	–
Inside MSA's	1 704	1 548	64	19	73	65	–	8	–
In central cities	1 249	1 150	50	14	36	27	–	8	–
Not In central cities	454	398	14	5	38	38	–	–	–
Outside MSA's	20	17	–	–	3	3	–	–	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1991[1]									
Northeast	1 198	1 078	26	9	86	45	7	34	–
Inside MSA's	1 154	1 045	25	9	76	36	7	34	–
In central cities	858	781	17	6	54	14	7	33	–
Not In central cities	296	264	8	2	22	22	–	1	–
Outside MSA's	44	33	1	–	10	10	–	–	–
Percent Distribution									
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1991									
Northeast	100.0	83.5	1.6	.5	14.4	11.6	2.2	.5	.1
Inside MSA's	100.0	84.8	1.6	.5	13.1	11.1	1.5	.5	.1
In central cities	100.0	91.1	2.1	.8	6.0	4.6	.4	1.0	–
Not In central cities	100.0	82.1	1.4	.4	16.2	13.9	1.9	.3	.1
Outside MSA's	100.0	75.3	1.7	.3	22.6	15.0	6.4	.8	.4
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1991									
Northeast	100.0	90.8	3.7	1.1	4.4	3.9	–	.5	–
Inside MSA's	100.0	90.8	3.8	1.1	4.3	3.8	–	.5	–
In central cities	100.0	92.0	4.0	1.1	2.8	2.2	–	.6	–
Not In central cities	100.0	87.5	3.2	1.0	8.3	8.3	–	–	–
Outside MSA's	100.0	83.5	1.9	–	14.5	14.5	–	–	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1991[1]									
Northeast	100.0	90.0	2.2	.7	7.2	3.8	.5	2.8	–
Inside MSA's	100.0	90.5	2.1	.7	6.6	3.1	.6	2.9	–
In central cities	100.0	91.1	2.0	.7	6.2	1.6	.8	3.9	–
Not In central cities	100.0	88.9	2.7	.8	7.6	7.3	–	.2	–
Outside MSA's	100.0	74.7	3.0	–	22.3	22.3	–	–	–

[1]Persons of Hispanic origin may be of any race.

Table D-3. Source of the 1991 Housing Inventory for Housing Units With a White, Black, or Hispanic Householder in the Midwest: 1991

[Numbers in thousands. Data based on sample, see text. For meaning of symbols, see text.]

Midwest	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Number									
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1991									
Midwest	20 353	17 095	164	70	3 024	2 631	329	40	25
Inside MSA's	13 932	11 629	115	48	2 140	1 979	139	18	5
In central cities	4 887	4 324	35	29	498	472	20	4	2
Not In central cities	9 045	7 305	80	19	1 642	1 507	119	13	3
Outside MSA's	6 421	5 466	49	22	884	651	190	22	20
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1991									
Midwest	1 828	1 706	11	11	101	95	6	–	–
Inside MSA's	1 738	1 637	11	11	78	78	–	–	–
In central cities	1 397	1 321	11	11	54	54	–	–	–
Not In central cities	341	316	–	–	25	25	–	–	–
Outside MSA's	90	68	–	–	22	17	5	–	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1991[1]									
Midwest	459	397	12	1	49	40	9	–	–
Inside MSA's	382	338	12	1	32	30	1	–	–
In central cities	236	218	7	1	10	10	–	–	–
Not In central cities	146	120	5	–	21	20	1	–	–
Outside MSA's	77	59	–	–	18	9	8	–	–
Percent Distribution									
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1991									
Midwest	100.0	84.0	.8	.3	14.9	12.9	1.6	.2	.1
Inside MSA's	100.0	83.5	.8	.3	15.4	14.2	1.0	.1	–
In central cities	100.0	88.5	.7	.6	10.2	9.7	.4	.1	–
Not In central cities	100.0	80.8	.9	.2	18.2	16.7	1.3	.1	–
Outside MSA's	100.0	85.1	.8	.3	13.8	10.1	3.0	.3	.3
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1991									
Midwest	100.0	93.3	.6	.6	5.5	5.2	.3	–	–
Inside MSA's	100.0	94.2	.6	.6	4.5	4.5	–	–	–
In central cities	100.0	94.6	.8	.8	3.8	3.8	–	–	–
Not In central cities	100.0	92.8	–	–	7.2	7.2	–	–	–
Outside MSA's	100.0	75.5	–	–	24.5	18.4	6.1	–	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1991[1]									
Midwest	100.0	86.5	2.5	.2	10.7	8.7	2.1	–	–
Inside MSA's	100.0	88.4	3.0	.3	8.3	8.0	.3	–	–
In central cities	100.0	92.4	2.9	.4	4.3	4.3	–	–	–
Not In central cities	100.0	82.0	3.3	–	14.7	13.9	.8	–	–
Outside MSA's	100.0	77.0	–	–	23.0	12.1	10.8	–	–

[1]Persons of Hispanic origin may be of any race.

Table D-4. Source of the 1991 Housing Inventory for Housing Units With a White, Black, or Hispanic Householder in the South: 1991

[Numbers in thousands. Data based on sample, see text. For meaning of symbols, see text.]

South	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Number									
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1991									
South	26 352	17 873	125	36	8 318	6 644	1 521	148	5
Inside MSA's	19 057	12 861	98	29	6 070	5 217	791	57	5
In central cities	6 718	5 176	37	21	1 485	1 416	48	19	1
Not In central cities	12 339	7 685	61	8	4 585	3 801	743	38	4
Outside MSA's	7 295	5 012	27	7	2 248	1 426	730	91	–
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1991									
South	5 335	4 112	41	17	1 164	906	232	15	12
Inside MSA's	3 982	3 170	33	14	766	666	83	5	12
In central cities	2 416	2 111	29	12	263	236	11	5	12
Not In central cities	1 567	1 059	3	2	503	430	73	–	–
Outside MSA's	1 353	943	8	3	398	240	149	10	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1991[1]									
South	1 867	1 384	25	1	458	357	87	14	–
Inside MSA's	1 617	1 222	22	1	373	336	34	4	–
In central cities	922	769	12	1	140	135	4	1	–
Not In central cities	695	452	10	–	233	200	30	3	–
Outside MSA's	250	162	3	–	85	21	53	10	–
Percent Distribution									
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1991									
South	100.0	67.8	.5	.1	31.6	25.2	5.8	.6	–
Inside MSA's	100.0	67.5	.5	.2	31.9	27.4	4.1	.3	–
In central cities	100.0	77.0	.6	.3	22.1	21.1	.7	.3	–
Not In central cities	100.0	62.3	.5	.1	37.2	30.8	6.0	.3	–
Outside MSA's	100.0	68.7	.4	.1	30.8	19.6	10.0	1.3	–
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1991									
South	100.0	77.1	.8	.3	21.8	17.0	4.3	.3	.2
Inside MSA's	100.0	79.6	.8	.3	19.2	16.7	2.1	.1	.3
In central cities	100.0	87.4	1.2	.5	10.9	9.8	.4	.2	.5
Not In central cities	100.0	67.6	.2	.1	32.1	27.5	4.6	–	–
Outside MSA's	100.0	69.7	.6	.3	29.5	17.7	11.0	.7	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1991[1]									
South	100.0	74.1	1.3	–	24.5	19.1	4.7	.8	–
Inside MSA's	100.0	75.5	1.4	–	23.1	20.7	2.1	.2	–
In central cities	100.0	83.4	1.3	.1	15.2	14.7	.4	.1	–
Not In central cities	100.0	65.1	1.5	–	33.5	28.8	4.3	.4	–
Outside MSA's	100.0	65.0	1.1	–	34.0	8.5	21.3	4.1	–

[1]Persons of Hispanic origin may be of any race.

Table D-5. Source of the 1991 Housing Inventory for Housing Units With a White, Black, or Hispanic Householder in the West: 1991

[Numbers in thousands. Data based on sample, see text. For meaning of symbols, see text.]

West	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Number									
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1991									
West	16 822	12 583	99	40	4 100	3 445	569	38	48
Inside MSA's	13 982	10 532	89	33	3 329	2 979	292	20	37
In central cities	5 664	4 520	34	14	1 097	1 026	55	6	10
Not In central cities	8 318	6 012	55	19	2 232	1 954	237	14	27
Outside MSA's	2 840	2 051	11	8	771	465	277	18	11
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1991									
West	1 008	763	11	6	228	216	–	10	1
Inside MSA's	980	747	11	6	216	204	–	10	1
In central cities	614	486	7	6	114	106	–	8	–
Not In central cities	367	261	4	–	102	98	–	3	1
Outside MSA's	28	16	–	–	12	12	–	–	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1991[1]									
West	2 625	2 073	14	7	530	417	74	24	15
Inside MSA's	2 330	1 880	14	7	428	374	35	9	10
In central cities	1 109	906	9	3	191	166	13	2	10
Not In central cities	1 221	974	5	5	237	208	22	7	–
Outside MSA's	295	193	–	–	102	43	39	15	5
Percent Distribution									
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1991									
West	100.0	74.8	.6	.2	24.4	20.5	3.4	.2	.3
Inside MSA's	100.0	75.3	.6	.2	23.8	21.3	2.1	.1	.3
In central cities	100.0	79.8	.6	.3	19.4	18.1	1.0	.1	.2
Not In central cities	100.0	72.3	.7	.2	26.8	23.5	2.8	.2	.3
Outside MSA's	100.0	72.2	.4	.3	27.1	16.4	9.8	.6	.4
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1991									
West	100.0	75.7	1.1	.6	22.6	21.4	–	1.0	.1
Inside MSA's	100.0	76.2	1.1	.6	22.0	20.8	–	1.1	.1
In central cities	100.0	79.2	1.2	1.0	18.6	17.3	–	1.3	–
Not In central cities	100.0	71.3	1.0	–	27.7	26.7	–	.7	.3
Outside MSA's	100.0	57.2	–	–	42.8	42.8	–	–	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1991[1]									
West	100.0	79.0	.5	.3	20.2	15.9	2.8	.9	.6
Inside MSA's	100.0	80.7	.6	.3	18.4	16.1	1.5	.4	.4
In central cities	100.0	81.7	.8	.2	17.2	15.0	1.2	.2	.9
Not In central cities	100.0	79.8	.4	.4	19.4	17.0	1.8	.6	–
Outside MSA's	100.0	65.4	–	–	34.6	14.5	13.2	5.2	1.7

[1]Persons of Hispanic origin may be of any race.

Table E-1. Disposition of the 1980 Housing Inventory for Housing Units With a White, Black, or Hispanic Householder in the United States: 1980

[Numbers in thousands. Data based on sample, see text. For meaning of symbols, see text.]

United States	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Number										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980										
United States	69 295	63 636	348	510	4 800	1 543	2 279	486	267	226
Inside MSA's	52 438	48 929	280	417	2 812	954	1 201	327	176	154
In central cities	20 444	19 217	95	240	892	400	160	143	88	101
Not In central cities	31 994	29 711	184	178	1 920	555	1 041	184	88	53
Outside MSA's	16 857	14 708	68	93	1 988	588	1 078	159	91	71
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
United States	8 657	7 542	51	95	969	505	127	59	244	34
Inside MSA's	7 330	6 489	51	88	702	362	61	53	195	30
In central cities	5 424	4 798	46	69	510	266	19	39	172	14
Not In central cities	1 906	1 691	5	19	191	96	43	14	23	16
Outside MSA's	1 327	1 053	–	7	267	143	66	7	48	4
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980[1]										
United States	3 897	3 531	22	28	315	179	64	8	43	21
Inside MSA's	3 519	3 242	22	28	226	150	26	7	28	15
In central cities	2 164	2 001	13	22	128	82	6	7	21	12
Not In central cities	1 355	1 241	10	7	97	68	20	–	7	3
Outside MSA's	379	289	–	–	89	29	38	2	15	6
Percent Distribution										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980										
United States	100.0	91.8	.5	.7	6.9	2.2	3.3	.7	.4	.3
Inside MSA's	100.0	93.3	.5	.8	5.4	1.8	2.3	.6	.3	.3
In central cities	100.0	94.0	.5	1.2	4.4	2.0	.8	.7	.4	.5
Not In central cities	100.0	92.9	.6	.6	6.0	1.7	3.3	.6	.3	.2
Outside MSA's	100.0	87.3	.4	.5	11.8	3.5	6.4	.9	.5	.4
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
United States	100.0	87.1	.6	1.1	11.2	5.8	1.5	.7	2.8	.4
Inside MSA's	100.0	88.5	.7	1.2	9.6	4.9	.8	.7	2.7	.4
In central cities	100.0	88.5	.9	1.3	9.4	4.9	.3	.7	3.2	.3
Not In central cities	100.0	88.7	.3	1.0	10.0	5.0	2.2	.7	1.2	.9
Outside MSA's	100.0	79.3	–	.5	20.2	10.7	5.0	.5	3.7	.3
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980[1]										
United States	100.0	90.6	.6	.7	8.1	4.6	1.6	.2	1.1	.5
Inside MSA's	100.0	92.1	.6	.8	6.4	4.3	.7	.2	.8	.4
In central cities	100.0	92.5	.6	1.0	5.9	3.8	.3	.3	1.0	.6
Not In central cities	100.0	91.6	.7	.5	7.2	5.0	1.5	–	.5	.2
Outside MSA's	100.0	76.4	–	–	23.6	7.7	10.1	.5	3.8	1.5

[1]Persons of Hispanic origin may be of any race.

Table E-2. Disposition of the 1980 Housing Inventory for Housing Units With a White, Black, or Hispanic Householder in the Northeast: 1980

[Numbers in thousands. Data based on sample, see text. For meaning of symbols, see text.]

Northeast	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Number										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980										
Northeast	15 248	14 339	139	180	590	208	184	103	46	50
Inside MSA's	13 212	12 524	116	161	410	136	108	81	43	43
In central cities	4 580	4 288	41	83	168	61	5	37	31	33
Not In central cities	8 632	8 236	76	79	242	75	102	44	12	10
Outside MSA's	2 036	1 815	23	18	180	72	77	22	3	8
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
Northeast	1 625	1 488	18	33	85	39	–	9	26	11
Inside MSA's	1 603	1 473	18	33	78	35	–	9	26	8
In central cities	1 242	1 142	15	20	65	33	–	6	21	5
Not In central cities	360	332	2	14	12	3	–	3	4	3
Outside MSA's	22	15	–	–	8	4	–	–	–	4
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980[1]										
Northeast	792	724	6	13	49	29	–	4	12	5
Inside MSA's	777	714	6	13	44	24	–	4	12	5
In central cities	617	561	2	13	40	20	–	4	12	5
Not In central cities	161	153	4	–	4	4	–	–	–	–
Outside MSA's	15	10	–	–	5	5	–	–	–	–
Percent Distribution										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980										
Northeast	100.0	94.0	.9	1.2	3.9	1.4	1.2	.7	.3	.3
Inside MSA's	100.0	94.8	.9	1.2	3.1	1.0	.8	.6	.3	.3
In central cities	100.0	93.6	.9	1.8	3.7	1.3	.1	.8	.7	.7
Not In central cities	100.0	95.4	.9	.9	2.8	.9	1.2	.5	.1	.1
Outside MSA's	100.0	89.1	1.1	.9	8.8	3.5	3.8	1.1	.1	.4
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
Northeast	100.0	91.6	1.1	2.1	5.3	2.4	–	.6	1.6	.7
Inside MSA's	100.0	91.9	1.1	2.1	4.9	2.2	–	.6	1.6	.5
In central cities	100.0	91.9	1.2	1.6	5.3	2.6	–	.5	1.7	.4
Not In central cities	100.0	92.1	.7	3.9	3.4	.7	–	.8	1.2	.7
Outside MSA's	100.0	66.3	–	–	33.7	17.4	–	–	–	16.3
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980[1]										
Northeast	100.0	91.4	.8	1.6	6.2	3.6	–	.5	1.5	.6
Inside MSA's	100.0	91.9	.8	1.7	5.7	3.0	–	.5	1.5	.6
In central cities	100.0	91.0	.4	2.1	6.5	3.2	–	.6	1.9	.8
Not In central cities	100.0	95.2	2.4	–	2.5	2.5	–	–	–	–
Outside MSA's	100.0	65.9	–	–	34.1	34.1	–	–	–	–

[1]Persons of Hispanic origin may be of any race.

Table E-3. Disposition of the 1980 Housing Inventory for Housing Units With a White, Black, or Hispanic Householder in the Midwest: 1980

[Numbers in thousands. Data based on sample, see text. For meaning of symbols, see text.]

Midwest	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Number										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980										
Midwest	19 038	17 746	91	175	1 026	369	441	108	73	36
Inside MSA's	12 967	12 242	65	132	529	193	219	58	39	21
In central cities	5 057	4 760	25	83	189	89	30	27	28	15
Not In central cities	7 910	7 482	40	49	339	104	188	31	10	6
Outside MSA's	6 070	5 504	26	43	498	176	222	50	34	15
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
Midwest	1 733	1 475	5	12	241	143	5	10	81	2
Inside MSA's	1 653	1 398	5	12	237	141	3	10	81	2
In central cities	1 414	1 175	5	12	221	129	2	10	78	2
Not In central cities	240	223	–	–	16	12	2	–	3	–
Outside MSA's	80	76	–	–	3	2	1	–	–	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980[1]										
Midwest	298	266	5	–	27	20	2	–	2	2
Inside MSA's	249	229	5	–	15	8	2	–	2	2
In central cities	195	176	5	–	13	8	–	–	2	2
Not In central cities	55	53	–	–	2	–	2	–	–	–
Outside MSA's	49	37	–	–	12	12	–	–	–	–
Percent Distribution										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980										
Midwest	100.0	93.2	.5	.9	5.4	1.9	2.3	.6	.4	.2
Inside MSA's	100.0	94.4	.5	1.0	4.1	1.5	1.7	.4	.3	.2
In central cities	100.0	94.1	.5	1.6	3.7	1.8	.6	.5	.6	.3
Not In central cities	100.0	94.6	.5	.6	4.3	1.3	2.4	.4	.1	.1
Outside MSA's	100.0	90.7	.4	.7	8.2	2.9	3.7	.8	.6	.3
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
Midwest	100.0	85.1	.3	.7	13.9	8.2	.3	.6	4.6	.1
Inside MSA's	100.0	84.6	.3	.7	14.4	8.5	.2	.6	4.9	.1
In central cities	100.0	83.1	.4	.9	15.6	9.1	.1	.7	5.5	.2
Not In central cities	100.0	93.2	–	–	6.8	5.0	.7	–	1.1	–
Outside MSA's	100.0	96.0	–	–	4.0	2.3	1.7	–	–	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980[1]										
Midwest	100.0	89.2	1.8	–	9.0	6.8	.7	–	.8	.7
Inside MSA's	100.0	91.9	2.1	–	6.0	3.4	.8	–	.9	.9
In central cities	100.0	90.6	2.7	–	6.6	4.3	–	–	1.2	1.1
Not In central cities	100.0	96.4	–	–	3.6	–	3.6	–	–	–
Outside MSA's	100.0	75.7	–	–	24.3	24.3	–	–	–	–

[1]Persons of Hispanic origin may be of any race.

Table E-4. Disposition of the 1980 Housing Inventory for Housing Units With a White, Black, or Hispanic Householder in the South: 1980

[Numbers in thousands. Data based on sample, see text. For meaning of symbols, see text.]

South	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Number										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980										
South	21 571	19 173	57	91	2 250	666	1 189	195	117	85
Inside MSA's	15 185	13 789	40	78	1 278	381	644	134	70	50
In central cities	6 100	5 737	13	53	296	129	76	44	20	27
Not In central cities	9 086	8 052	27	25	982	252	568	89	50	23
Outside MSA's	6 386	5 384	17	13	972	285	545	61	47	35
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
South	4 406	3 730	16	42	618	310	119	37	135	17
Inside MSA's	3 204	2 781	16	35	372	178	58	30	89	17
In central cities	2 165	1 902	13	32	218	102	17	19	73	7
Not In central cities	1 038	879	3	3	153	75	41	11	16	11
Outside MSA's	1 202	949	–	7	247	132	61	7	46	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980[1]										
South	1 200	1 074	9	7	112	55	27	3	22	6
Inside MSA's	1 040	943	9	7	81	52	13	3	11	2
In central cities	658	608	5	–	45	30	6	3	4	2
Not In central cities	382	335	4	7	36	22	7	–	7	–
Outside MSA's	161	130	–	–	30	3	14	–	10	4
Percent Distribution										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980										
South	100.0	88.9	.3	.4	10.4	3.1	5.5	.9	.5	.4
Inside MSA's	100.0	90.8	.3	.5	8.4	2.5	4.2	.9	.5	.3
In central cities	100.0	94.1	.2	.9	4.9	2.1	1.2	.7	.3	.4
Not In central cities	100.0	88.6	.3	.3	10.8	2.8	6.2	1.0	.6	.3
Outside MSA's	100.0	84.3	.3	.2	15.2	4.5	8.5	1.0	.7	.5
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
South	100.0	84.7	.4	1.0	14.0	7.0	2.7	.8	3.1	.4
Inside MSA's	100.0	86.8	.5	1.1	11.6	5.5	1.8	.9	2.8	.5
In central cities	100.0	87.8	.6	1.5	10.1	4.7	.8	.9	3.4	.3
Not In central cities	100.0	84.7	.2	.3	14.8	7.2	3.9	1.0	1.5	1.0
Outside MSA's	100.0	78.9	–	.6	20.5	11.0	5.1	.6	3.9	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980[1]										
South	100.0	89.4	.7	.5	9.3	4.6	2.2	.2	1.8	.5
Inside MSA's	100.0	90.7	.8	.6	7.8	5.0	1.3	.2	1.1	.2
In central cities	100.0	92.4	.8	–	6.9	4.6	.9	.4	.7	.3
Not In central cities	100.0	87.9	.9	1.7	9.5	5.8	1.9	–	1.8	–
Outside MSA's	100.0	81.1	–	–	18.9	1.6	8.5	–	6.5	2.3

[1]Persons of Hispanic origin may be of any race.

Table E-5. Disposition of the 1980 Housing Inventory for Housing Units With a White, Black, or Hispanic Householder in the West: 1980

[Numbers in thousands. Data based on sample, see text. For meaning of symbols, see text.]

West	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Number										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980										
West	13 438	12 379	61	64	933	301	465	81	31	55
Inside MSA's	11 073	10 373	59	46	595	244	231	55	24	41
In central cities	4 708	4 432	17	21	239	120	49	35	8	26
Not In central cities	6 365	5 942	42	25	356	124	182	19	16	15
Outside MSA's	2 364	2 005	3	18	338	56	235	27	7	14
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
West	893	849	13	7	25	13	3	3	2	3
Inside MSA's	870	836	13	7	15	9	–	3	–	3
In central cities	603	580	13	5	5	2	–	3	–	–
Not In central cities	267	256	–	2	9	6	–	–	–	3
Outside MSA's	23	13	–	–	10	5	3	–	2	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980[1]										
West	1 607	1 468	2	9	128	75	35	2	7	8
Inside MSA's	1 452	1 356	2	9	85	66	11	–	3	6
In central cities	695	656	–	9	30	24	–	–	3	3
Not In central cities	758	700	2	–	55	42	11	–	–	3
Outside MSA's	154	112	–	–	42	10	25	2	4	2
Percent Distribution										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980										
West	100.0	92.1	.5	.5	6.9	2.2	3.5	.6	.2	.4
Inside MSA's	100.0	93.7	.5	.4	5.4	2.2	2.1	.5	.2	.4
In central cities	100.0	94.1	.4	.4	5.1	2.6	1.0	.7	.2	.6
Not In central cities	100.0	93.3	.7	.4	5.6	2.0	2.9	.3	.2	.2
Outside MSA's	100.0	84.8	.1	.8	14.3	2.4	9.9	1.1	.3	.6
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
West	100.0	95.1	1.4	.7	2.8	1.5	.4	.3	.2	.4
Inside MSA's	100.0	96.1	1.5	.8	1.7	1.0	–	.3	–	.4
In central cities	100.0	96.2	2.1	.8	.9	.4	–	.5	–	–
Not In central cities	100.0	95.9	–	.6	3.5	2.4	–	–	–	1.2
Outside MSA's	100.0	55.6	–	–	44.4	20.6	14.2	–	9.6	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980[1]										
West	100.0	91.4	.1	.6	7.9	4.7	2.2	.1	.4	.5
Inside MSA's	100.0	93.3	.2	.6	5.9	4.5	.7	–	.2	.4
In central cities	100.0	94.4	–	1.3	4.3	3.5	–	–	.4	.4
Not In central cities	100.0	92.4	.3	–	7.3	5.5	1.4	–	–	.4
Outside MSA's	100.0	72.7	–	–	27.3	6.2	15.9	1.2	2.7	1.3

[1]Persons of Hispanic origin may be of any race.

Figure 1.
Changes in the Housing Inventory for the United States: 1980 to 1991
(Numbers in thousands)

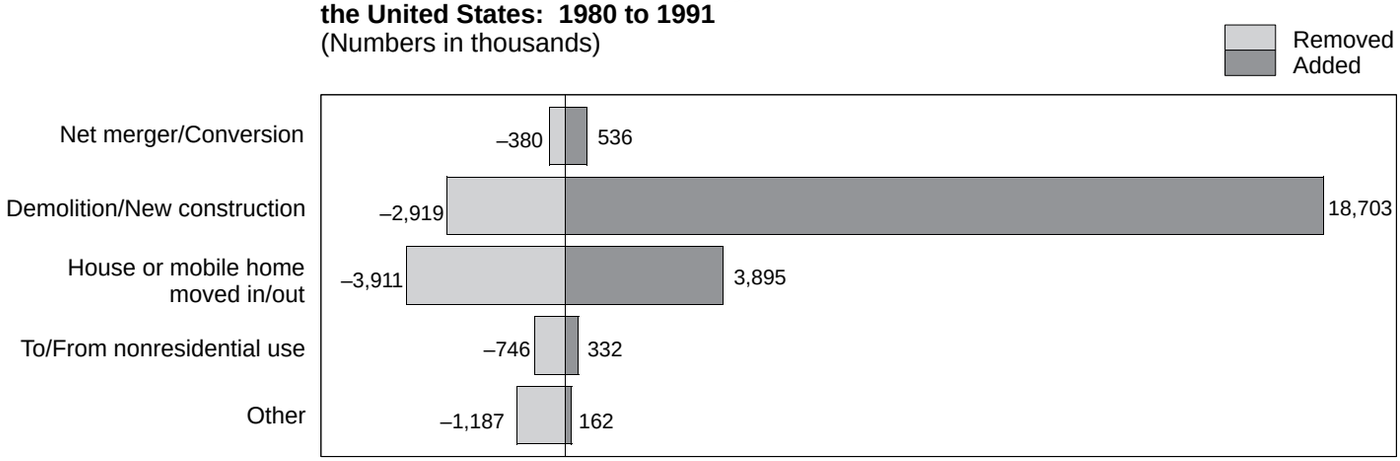


Figure 2.
Changes in the Housing Inventory by Region: 1980 to 1991
(Numbers in thousands)

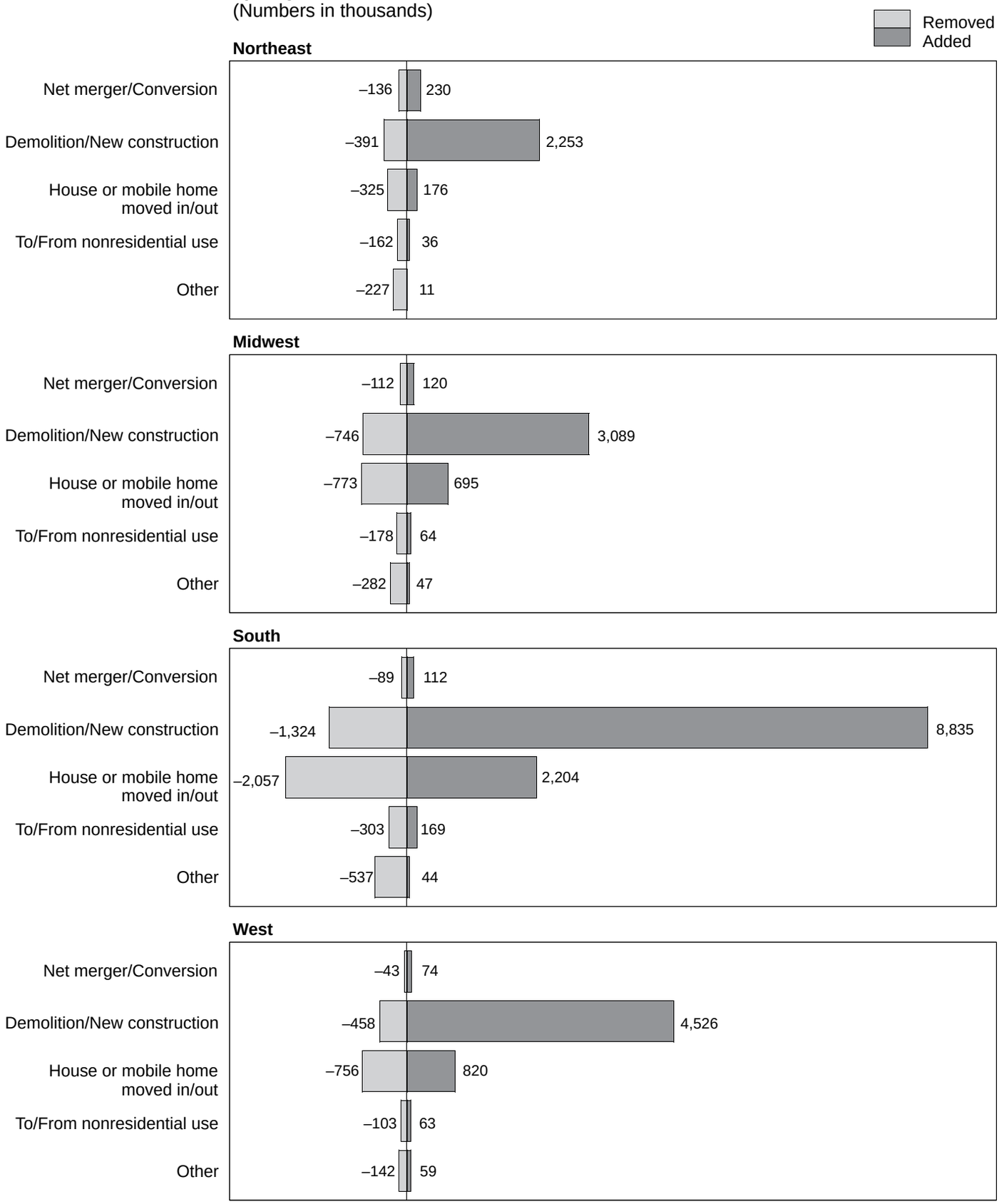
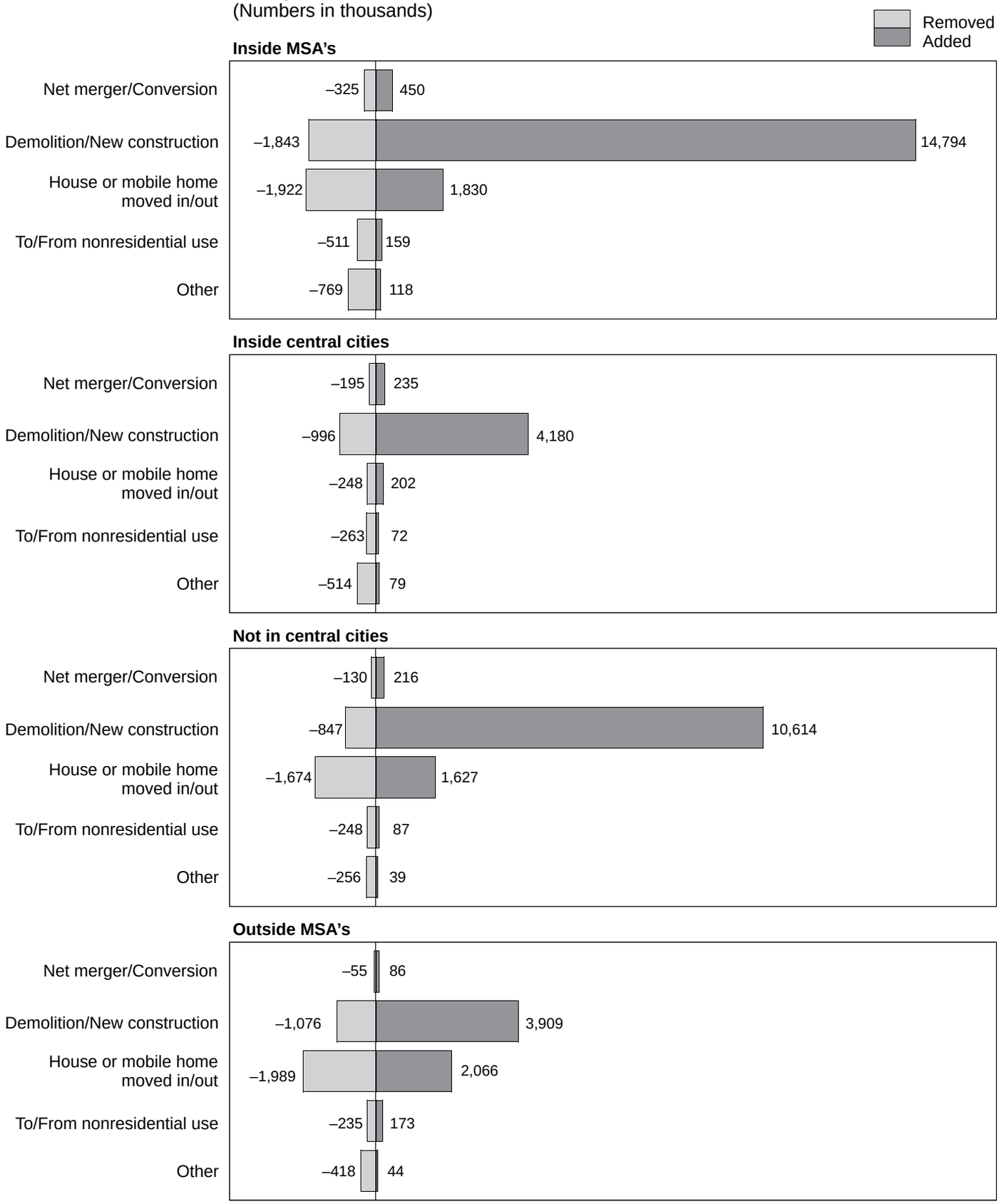


Figure 3.
Changes in the Housing Inventory by Metropolitan Residence: 1980 to 1991
(Numbers in thousands)



SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1A-1. Introductory Characteristics—All Housing Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**104 556**	**80 059**	**964**	**321**	**23 212**	**18 703**	**3 910**	**427**	**173**
Occupancy Status									
Vacant and URE	11 582	8 319	145	37	3 080	2 109	844	61	66
Occupied	92 975	71 740	819	283	20 133	16 594	3 066	366	107
Tenure									
Owner occupied	61 512	47 536	212	186	13 578	11 167	2 273	132	6
Percent of all occupied	66.2	66.3	25.9	65.6	67.4	67.3	74.1	36.0	6.1
Renter occupied	31 463	24 204	607	97	6 555	5 427	793	234	100
Units in Structure									
1, detached	63 653	53 929	–	190	9 535	9 068	176	245	46
1, attached	6 073	4 291	–	18	1 765	1 730	8	17	10
2 to 4	10 267	8 098	857	68	1 244	1 160	13	58	14
5 to 9	5 004	3 570	96	15	1 322	1 293	–	29	–
10 to 19	4 422	2 908	4	11	1 499	1 476	–	12	11
20 to 49	3 584	2 599	7	6	972	871	7	39	55
50 or more	4 003	3 186	–	12	805	740	–	27	38
Mobile home or trailer	7 551	1 479	–	1	6 071	2 364	3 707	–	–
Cooperatives and Condominiums									
Cooperatives	731	635	1	4	92	60	28	–	4
Condominiums	4 551	2 736	5	10	1 800	1 787	4	7	2
Year Structure Built[1]									
1990 to 1994	2 392	–	–	–	2 392	2 392	–	–	–
1985 to 1989	8 694	–	–	–	8 694	8 694	–	–	–
1980 to 1984	8 093	394	–	–	7 700	7 617	78	–	4
1975 to 1979	11 814	10 218	31	15	1 550	–	1 382	128	40
1970 to 1974	11 627	10 276	36	11	1 303	–	1 263	20	19
1960 to 1969	16 589	15 529	72	30	958	–	873	33	53
1950 to 1959	14 418	13 932	162	41	283	–	222	38	23
1940 to 1949	8 702	8 417	123	48	114	–	52	49	13
1930 to 1939	7 226	6 511	492	158	65	–	15	43	7
1920 to 1929	5 517	5 434	13	1	68	–	7	55	6
1919 or earlier	9 486	9 349	34	17	86	–	18	60	8
Median	**1963**	**1957**	**1939**	**1939**	**1984**	**1985**	**1973**	**1951**	**1966**
Suitability for Year-Round Use[2]									
Built and heated for year-round use	103 696	79 365	963	318	23 051	18 656	3 800	422	173
Not suitable	782	626	–	3	154	41	108	5	–
Not reported	78	68	1	–	8	6	1	–	–
Time Sharing									
URE owner, sold, not yet occupied, and vacant for sale units	2 061	1 417	9	9	626	495	126	4	1
Ownership time-shared	13	11	–	–	2	2	–	–	–
Not time-shared	2 048	1 407	9	9	624	493	126	4	1
Not reported	–	–	–	–	–	–	–	–	–
Duration of Vacancy									
Vacant units	10 366	7 537	133	31	2 664	1 822	774	57	11
Less than 1 month vacant	2 618	1 876	32	11	698	533	147	13	5
1 month up to 2 months	670	505	8	1	156	118	37	–	–
2 months up to 6 months	2 085	1 538	24	4	519	335	165	14	5
6 months up to 1 year	1 053	821	19	1	213	152	57	4	–
1 year up to 2 years	707	555	11	5	136	65	64	6	–
2 years or more	1 583	1 287	25	7	264	103	143	17	1
Never occupied	432	103	–	–	330	290	40	–	–
Don't know	1 217	852	14	2	350	225	120	4	–
Last Used as a Permanent Residence									
Vacant seasonal and URE units	3 257	2 130	15	12	1 100	649	385	10	55
Less than 1 month since occupied as permanent home	75	44	2	–	29	18	11	–	–
1 month up to 2 months	25	11	1	–	13	1	9	3	–
2 months up to 6 months	117	81	2	–	33	23	10	–	–
6 months up to 1 year	85	54	2	–	30	24	6	–	–
1 year up to 2 years	72	38	2	–	32	23	8	–	–
2 years or more	499	386	1	6	106	33	61	–	11
Never occupied as permanent home	1 738	1 074	–	3	661	426	223	5	7
Don't know	543	354	4	2	182	96	53	2	30
Not reported	103	87	1	–	15	4	4	–	7
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	79 814	61 741	807	263	17 002	14 776	1 866	230	129
In central cities	32 128	27 001	395	164	4 567	4 175	191	117	85
Suburbs	47 686	34 740	412	99	12 435	10 602	1 676	113	44
Outside metropolitan statistical areas	24 742	18 318	157	57	6 210	3 926	2 044	197	44
Regions									
Northeast	21 054	17 685	394	114	2 861	2 253	464	115	30
Midwest	24 988	21 015	221	95	3 657	3 089	478	52	38
South	36 985	25 455	191	62	11 277	8 835	2 201	193	49
West	21 529	15 904	158	51	5 417	4 526	767	68	56

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1A-1. Introductory Characteristics—All Housing Units—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Urbanized Areas									
Inside urbanized areas	63 538	51 890	651	239	10 757	9 831	649	160	116
In central cities of (P)MSA's	31 566	26 644	389	164	4 369	3 979	189	117	85
Urban fringe	31 972	25 247	263	74	6 388	5 853	461	43	31
Outside urbanized areas	41 018	28 169	313	82	12 455	8 871	3 261	267	56
Other urban	13 053	10 401	154	53	2 444	2 047	309	58	31
Rural	27 965	17 768	158	28	10 011	6 824	2 952	209	26
Place Size[3]									
Less than 2,500 persons	5 091	4 300	59	12	721	445	235	33	7
2,500 to 9,999 persons	10 483	8 692	151	37	1 603	1 267	302	33	2
10,000 to 19,999 persons	9 510	8 040	74	37	1 359	1 173	151	23	13
20,000 to 49,999 persons	13 932	11 508	185	42	2 196	2 005	133	35	23
50,000 to 99,999 persons	8 939	7 530	49	22	1 338	1 209	81	21	26
100,000 to 249,999 persons	8 105	6 559	88	26	1 432	1 357	60	4	11
250,000 to 499,999 persons	5 498	4 628	58	30	781	722	30	18	12
500,000 to 999,999 persons	4 892	4 047	74	30	741	687	19	6	29
1,000,000 persons or more	7 008	6 337	91	58	522	402	25	68	27

[1]For mobile home, oldest category is 1939 or earlier.
[2]If occupied year-round, assumed to be suitable for year-round use.
[3]Figures will not add to total, because all units are not in Places.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1A-2. Height and Condition of Building—All Housing Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**104 556**	**80 059**	**964**	**321**	**23 212**	**18 703**	**3 910**	**427**	**173**
Stories in Structure									
1	2 800	1 998	146	16	639	604	–	16	19
2	9 925	6 725	317	19	2 864	2 795	13	29	28
3	7 591	5 770	370	41	1 410	1 361	–	43	6
4 to 6	4 347	3 669	121	23	534	485	–	24	26
7 or more	2 600	2 193	–	13	394	297	7	52	39
Not reported	16	6	10	–	–	–	–	–	–
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	24 464	18 357	808	96	5 203	4 937	19	148	99
None (on same floor)	8 359	6 051	405	42	1 861	1 812	6	33	9
1 (up or down)	6 762	5 078	255	26	1 403	1 329	7	38	28
2 or more (up or down)	6 799	5 325	85	25	1 364	1 274	7	59	24
Not reported	2 544	1 903	62	3	575	521	–	17	37
Common Stairways									
Multiunits, 2 or more floors	24 464	18 357	808	96	5 203	4 937	19	148	99
No common stairways	4 751	3 326	428	26	971	945	–	23	2
With common stairways	17 280	13 212	315	66	3 688	3 501	19	108	60
No loose steps	16 118	12 282	285	62	3 489	3 322	19	106	42
Railings not loose	14 667	11 124	239	59	3 246	3 085	19	100	42
Railings loose	499	381	10	1	107	107	–	1	–
No railings	744	619	33	1	90	85	–	5	–
Status of railings not reported	207	158	3	–	46	46	–	–	–
Loose steps	1 091	871	30	4	187	166	1	2	18
Railings not loose	771	584	14	1	172	154	–	–	18
Railings loose	230	208	11	3	9	8	–	1	–
No railings	71	66	1	–	4	3	–	1	–
Status of railings not reported	20	13	4	–	2	2	1	–	–
Status of steps not reported	71	59	–	–	12	12	–	–	–
Status of stairways not reported	2 433	1 819	65	4	545	492	–	16	37
Light Fixtures in Public Halls									
2 or more units in structure	27 264	20 355	954	112	5 842	5 541	20	164	117
No public halls	9 636	6 666	644	43	2 283	2 216	1	50	16
No light fixtures in public halls	76	60	2	–	13	13	–	1	–
All in working order	10 135	7 933	137	44	2 022	1 885	7	72	58
Some in working order	703	604	39	4	55	36	12	1	6
None in working order	55	47	6	2	–	–	–	–	–
Unable to determine if working	3 690	2 829	38	16	807	786	–	22	–
Not reported	2 969	2 217	88	3	662	606	–	19	37
Elevator on Floor									
Multiunits, 2 or more floors	24 464	18 357	808	96	5 203	4 937	19	148	99
With 1 or more elevators working	3 977	3 124	1	15	838	756	7	49	26
With elevator, none in working condition	183	153	1	–	30	30	–	–	–
No elevator	17 859	13 254	741	79	3 785	3 654	13	83	36
Units 3 or more floors from main entrance	999	808	18	5	167	156	–	12	–
Not reported	2 444	1 827	64	2	550	498	–	16	37
Foundation									
1 unit bldg. excl. mobile homes	69 726	58 219	–	208	11 299	10 798	183	263	55
With basement under all of building	23 594	20 467	–	112	3 015	2 938	42	21	14
With basement under part of building	8 313	7 456	–	38	819	790	6	21	2
With crawl space	18 185	15 822	–	31	2 332	2 140	85	95	11
On concrete slab	17 859	12 972	–	21	4 866	4 730	36	97	3
Other	1 740	1 500	–	5	235	194	14	26	1
Not reported	35	2	–	–	33	7	–	3	24
External Building Conditions[1]									
Sagging roof	111	100	5	4	2	1	–	1	–
Missing roofing material	135	112	16	–	7	7	–	–	–
Hole in roof	26	26	–	–	–	–	–	–	–
Could not see roof	2 706	2 321	84	13	288	269	–	18	–
Missing bricks, siding, other outside wall material	425	365	32	6	21	21	–	–	–
Sloping outside walls	63	60	–	2	1	–	–	1	–
Boarded up windows	308	289	10	3	6	5	–	1	–
Broken windows	382	357	16	6	2	2	–	–	–
Bars on windows	517	488	15	3	11	8	–	3	–
Foundation crumbling or has open crack or hole	371	337	18	3	13	12	1	1	–
Could not see foundation	1 005	883	36	4	82	76	–	6	–
None of the above	20 002	14 550	705	86	4 661	4 454	19	122	65
Could not observe or not reported	3 541	2 588	108	4	841	767	–	22	52
Site Placement									
Mobile homes	7 551	1 479	–	1	6 071	2 364	3 707	–	–
First site	3 741	873	–	–	2 867	1 622	1 245	–	–
Moved from another site	2 266	283	–	–	1 983	534	1 448	–	–
Don't know	1 292	274	–	–	1 017	152	865	–	–
Not reported	252	49	–	–	204	55	148	–	–

[1]Figures may not add to total because more than one category may apply.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1A-3. Size of Unit and Lot—All Housing Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**104 556**	**80 059**	**964**	**321**	**23 212**	**18 703**	**3 910**	**427**	**173**
Rooms									
1 room	801	578	65	3	154	67	20	24	44
2 rooms	1 304	1 028	71	6	199	119	45	20	15
3 rooms	9 517	7 195	245	20	2 058	1 572	339	89	58
4 rooms	20 723	14 214	239	41	6 229	4 234	1 830	140	25
5 rooms	23 733	18 081	170	35	5 447	4 264	1 099	75	10
6 rooms	21 125	17 170	87	59	3 809	3 371	379	44	14
7 rooms	13 296	10 936	43	49	2 268	2 155	110	2	–
8 rooms	7 942	6 234	28	47	1 634	1 578	48	7	–
9 rooms	3 546	2 660	8	22	856	796	40	18	2
10 rooms or more	2 568	1 963	8	38	559	547	1	7	4
Median	**5.3**	**5.4**	**3.9**	**6.4**	**5.0**	**5.3**	**4.3**	**4.1**	**3.0**
Bedrooms									
None	1 513	1 180	82	4	247	123	24	34	66
1	13 411	10 149	379	38	2 845	2 235	435	114	61
2	33 882	24 837	304	67	8 674	6 222	2 261	173	18
3	40 658	31 871	156	107	8 525	7 305	1 112	91	17
4 or more	15 093	12 023	43	105	2 922	2 818	78	15	11
Median	**2.6**	**2.6**	**1.6**	**3.0**	**2.5**	**2.6**	**2.2**	**1.9**	**.8**
Complete Bathrooms									
None	1 138	872	53	1	212	79	88	23	22
1	51 004	42 234	777	109	7 885	5 013	2 462	291	119
1 and one-half	16 199	13 556	57	29	2 556	1 969	545	31	11
2 or more	36 215	23 398	77	181	12 559	11 642	815	81	20
Square Footage of Unit									
Single detached and mobile homes	71 204	55 408	–	191	15 605	11 431	3 883	245	46
Less than 500	1 298	758	–	2	538	109	408	18	3
500 to 749	3 606	2 320	–	5	1 282	221	1 043	18	–
750 to 999	7 042	4 697	–	5	2 340	1 144	1 153	42	–
1,000 to 1,499	16 604	13 344	–	17	3 242	2 574	609	56	3
1,500 to 1,999	14 141	11 572	–	26	2 543	2 379	144	20	–
2,000 to 2,499	9 873	8 182	–	18	1 673	1 591	60	14	7
2,500 to 2,999	5 273	4 308	–	8	957	940	7	10	–
3,000 to 3,999	4 766	3 800	–	11	954	936	18	–	–
4,000 or more	2 736	2 131	–	15	590	555	23	10	2
Not reported (includes don't know)	5 866	4 295	–	83	1 487	982	416	58	30
Median	**1 646**	**1 692**	**...**	**1 982**	**1 447**	**1 747**	**811**	**1 138**	**...**
Lot Size									
Less than one-eighth acre	7 106	5 657	–	44	1 405	931	467	3	5
One-eighth up to one-quarter acre	13 546	11 423	–	36	2 086	1 824	221	41	–
One-quarter up to one-half acre	10 122	8 077	–	19	2 025	1 837	188	1	–
One-half up to one acre	7 365	5 633	–	14	1 718	1 401	297	18	2
1 to 4 acres	9 883	6 847	–	15	3 020	2 251	719	48	3
5 to 9 acres	1 610	1 013	–	2	595	420	167	–	7
10 acres or more	3 406	2 509	–	2	896	593	269	32	2
Don't know	18 528	14 810	–	72	3 647	2 686	866	82	12
Not reported	1 489	835	–	–	654	567	58	5	24
Median	**.39**	**.36**	**...**	**.21**	**.60**	**.51**	**.99**	**1.72**	**...**

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1A-4. Selected Equipment and Plumbing—All Housing Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**104 556**	**80 059**	**964**	**321**	**23 212**	**18 703**	**3 910**	**427**	**173**
Equipment[1]									
Lacking complete kitchen facilities	3 544	2 763	84	11	687	441	160	34	51
With complete kitchen (sink, refrigerator and burners)	101 012	77 297	880	310	22 526	18 262	3 750	392	121
Kitchen Sink	103 731	79 480	921	318	23 012	18 597	3 872	416	127
Refrigerator	101 843	77 923	909	311	22 700	18 373	3 780	402	146
Less than 5 years old	34 753	24 018	315	116	10 304	9 154	973	133	44
Age not reported	2 779	1 960	47	4	768	607	130	22	9
Burners and oven	102 456	78 315	899	311	22 931	18 564	3 836	402	128
Less than 5 years old	27 839	17 561	265	95	9 918	9 064	716	117	22
Age not reported	3 049	2 136	35	1	878	694	163	10	10
Burners only	127	102	2	–	23	11	6	4	2
Less than 5 years old	32	22	–	–	10	5	2	4	–
Age not reported	29	27	–	–	2	2	–	–	–
Oven only	96	70	6	–	20	15	2	1	2
Less than 5 years old	37	30	4	–	4	4	–	1	–
Age not reported	16	16	–	–	–	–	–	–	–
Neither burners nor oven	1 877	1 572	57	10	239	113	66	20	40
Dishwasher	51 156	35 545	215	116	15 280	14 478	687	97	17
Less than 5 years old	18 843	10 865	77	55	7 847	7 608	179	57	3
Age not reported	1 584	962	12	3	607	580	24	3	–
Washing machine	75 165	57 131	384	237	17 413	14 773	2 438	188	14
Less than 5 years old	27 158	18 825	166	85	8 082	7 109	874	96	3
Age not reported	1 144	765	4	1	374	321	42	12	–
Clothes dryer	68 615	51 502	338	201	16 573	14 362	2 019	178	14
Less than 5 years old	22 255	14 697	102	69	7 387	6 707	616	59	5
Age not reported	980	656	9	–	316	268	45	3	–
Disposal in kitchen sink	41 888	29 155	104	81	12 548	12 092	337	61	58
Less than 5 years old	16 375	9 356	48	46	6 925	6 747	118	31	28
Age not reported	2 122	1 511	7	2	602	560	16	7	20
Air conditioning:									
Central	43 691	28 810	114	57	14 711	13 513	1 043	101	54
1 room unit	18 698	15 651	216	62	2 769	1 494	1 130	111	33
2 room units	7 348	6 419	62	39	827	438	332	35	22
3 room units or more	2 636	2 488	22	27	99	62	34	3	–
Main Heating Equipment									
Warm-air furnace	55 135	41 390	424	117	13 204	10 645	2 358	137	65
Steam or hot water system	14 901	13 485	285	122	1 009	826	52	75	56
Electric heat pump	8 649	4 457	18	8	4 166	3 933	202	22	9
Built-in electric units	7 737	5 588	61	10	2 078	1 842	182	44	11
Floor, wall, or other built-in hot air units without ducts	4 843	4 427	45	12	358	219	103	26	10
Room heaters with flue	3 179	2 816	20	13	331	116	177	27	10
Room heaters without flue	2 457	2 090	14	11	341	101	217	24	–
Portable electric heaters	865	624	22	6	213	57	143	13	–
Stoves	3 194	2 399	39	5	751	441	272	38	–
Fireplaces with inserts	624	473	4	–	147	135	12	–	–
Fireplaces without inserts	519	386	–	5	128	114	14	–	–
Other	1 056	810	11	6	229	145	81	3	–
None	1 397	1 113	20	7	257	128	97	19	13
Other Heating Equipment									
With other heating equipment[1]	29 735	22 501	189	76	6 969	5 914	968	73	13
Warm-air furnace	1 434	939	6	5	484	302	171	11	–
Steam or hot water system	166	143	–	2	21	15	6	–	–
Electric heat pump	323	228	1	1	93	87	5	–	–
Built-in electric units	2 587	2 114	29	9	435	375	50	5	6
Floor, wall, or other built-in hot-air units without ducts	510	461	2	2	45	35	10	–	–
Room heaters with flue	972	802	11	2	157	88	65	4	–
Room heaters without flue	2 131	1 694	12	9	415	232	182	1	–
Portable electric heaters	6 077	5 209	63	18	787	534	236	18	–
Stoves	3 710	2 857	26	8	818	603	186	29	–
Fireplaces with inserts	4 134	2 908	11	11	1 204	1 155	36	6	7
Fireplaces with no inserts	10 288	7 303	46	22	2 916	2 844	68	4	–
Other	965	755	5	1	204	176	28	–	–
Plumbing[2]									
With all plumbing facilities	101 423	77 705	880	315	22 524	18 241	3 727	405	150
Lacking some plumbing facilities[1]	415	311	27	1	75	23	31	6	15
No hot piped water	88	76	–	–	13	6	4	3	–
No bathtub nor shower	360	278	27	1	54	11	22	6	15
No flush toilet	213	144	21	1	47	13	20	–	15
No plumbing facilities for exclusive use	2 719	2 043	57	5	613	438	152	16	7
Source of Water									
Public system or private company	89 427	69 472	878	301	18 776	15 910	2 386	319	162
Well serving 1 to 5 units	13 125	9 130	65	16	3 914	2 512	1 295	99	7
Drilled	11 141	7 676	49	11	3 405	2 262	1 065	79	–
Dug	1 369	984	8	1	376	180	178	11	7
Not reported	615	470	8	5	132	71	52	9	–
Other	2 004	1 457	21	4	522	281	229	9	4

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1A-4. Selected Equipment and Plumbing—All Housing Units—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Means of Sewage Disposal									
Public sewer	80 070	63 442	777	297	15 554	13 773	1 373	253	155
Septic tank, cesspool, chemical toilet	24 023	16 249	186	24	7 564	4 891	2 493	163	18
Other	463	368	1	–	94	39	44	11	–

[1]Figures may not add to total because more than one category may apply to a unit.
[2]Data not up to publication standards; see "Qualifications of the Data" section in the Introduction.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1A-5. Fuels—All Housing Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**104 556**	**80 059**	**964**	**321**	**23 212**	**18 703**	**3 910**	**427**	**173**
Main House Heating Fuel									
Housing units with heating fuel	103 159	78 946	944	314	22 955	18 574	3 813	408	160
Electricity	27 043	16 225	153	32	10 633	9 466	1 036	105	25
Piped gas	52 118	43 862	513	200	7 544	6 377	889	175	103
Bottled gas	4 630	2 736	9	5	1 880	1 022	810	33	15
Fuel oil	12 537	11 214	208	60	1 054	650	351	37	17
Kerosene or other liquid fuel	1 205	658	4	4	537	188	331	18	–
Coal or coke	358	303	5	–	50	28	20	1	–
Wood	4 765	3 602	47	10	1 107	756	318	33	–
Solar energy	33	14	–	–	19	17	2	–	–
Other	471	332	5	3	132	71	55	6	–
Other House Heating Fuels									
With other heating fuels[1]	18 369	14 008	98	57	4 206	3 356	746	66	38
Electricity	5 704	4 622	50	27	1 005	696	271	33	5
Piped gas	871	661	3	6	201	148	38	–	15
Bottled gas	604	416	4	–	183	114	65	4	–
Fuel oil	650	570	5	1	74	41	20	1	11
Kerosene or other liquid fuel	1 604	1 251	13	4	336	192	144	–	–
Coal or coke	215	180	2	–	33	28	5	–	–
Wood	9 037	6 613	23	20	2 382	2 141	204	29	7
Solar energy	194	143	2	–	49	37	12	–	–
Other	264	201	1	2	60	49	11	–	–
Not reported	837	607	4	–	226	165	61	–	–
Cooking Fuel									
With cooking fuel	102 650	78 470	907	311	22 962	18 590	3 833	406	133
Electricity	60 160	43 845	440	131	15 743	13 859	1 592	225	68
Gas	41 862	34 238	467	180	6 977	4 655	2 089	168	65
Kerosene or other liquid fuel	286	178	–	–	108	25	83	–	–
Coal or coke	8	8	–	–	–	–	–	–	–
Wood	95	81	–	–	14	14	–	–	–
Other	239	119	–	–	120	37	70	14	–
Water Heating Fuel									
With hot piped water	103 923	79 562	941	321	23 100	18 655	3 861	410	173
Electricity	39 368	25 938	249	56	13 125	10 538	2 361	201	26
Gas	57 096	47 110	560	225	9 201	7 567	1 321	185	128
Fuel oil	6 264	5 658	125	34	447	351	66	11	18
Kerosene or other liquid fuel	249	140	–	1	108	39	69	–	–
Coal or coke	64	58	–	–	6	6	–	–	–
Wood	77	55	–	1	20	9	11	–	–
Solar energy	314	244	5	1	65	63	2	–	–
Other	492	358	1	4	128	83	32	14	–
Central Air Conditioning Fuel									
With central air conditioning	43 691	28 810	114	57	14 711	13 513	1 043	101	54
Electricity	40 616	26 394	114	52	14 056	12 894	1 007	101	54
Gas	2 880	2 253	–	4	623	593	30	–	–
Other	195	163	–	1	31	25	6	–	–
Clother Dryer Fuel									
With clothes dryer	68 615	51 502	338	201	16 573	14 362	2 019	178	14
Electricity	52 437	37 899	243	132	14 163	12 172	1 843	146	2
Gas	16 103	13 538	95	69	2 401	2 182	175	32	12
Other	75	65	–	–	10	8	2	–	–

[1]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1A-6. Housing and Neighborhood Quality—All Housing Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**104 556**	**80 059**	**964**	**321**	**23 212**	**18 703**	**3 910**	**427**	**173**
Selected Amenities[1]									
Porch, deck, balcony, or patio	79 178	59 844	559	227	18 549	15 719	2 587	211	32
Not reported	270	209	1	–	60	29	18	–	13
Usable fireplace	31 169	22 660	125	70	8 314	8 062	211	28	13
Separate dining room	45 645	36 161	240	194	9 050	8 289	654	87	19
With 2 or more living rooms or recreation rooms, etc.	31 660	25 198	135	130	6 198	5 749	382	49	17
Garage or carport included with home	57 331	45 323	246	138	11 624	10 745	741	117	22
Not included	43 579	32 127	679	174	10 599	7 328	2 840	281	151
Offstreet parking included	33 449	23 362	455	112	9 520	6 664	2 568	197	92
Offstreet parking not reported	377	302	5	–	69	49	16	3	2
Garage or carport not reported	308	190	8	1	109	103	6	–	1
Owner or Manager on Property									
Rental, multiunit[2]	27 280	20 361	964	112	5 842	5 541	20	164	117
Owner or manager lives on property	8 493	6 052	195	15	2 231	2 125	–	46	60
Neither owner nor manager lives on property	13 852	10 693	472	47	2 641	2 462	19	103	57
Not reported	4 935	3 616	297	51	970	954	1	16	–
Selected Deficiencies[1]									
Holes in floors	1 397	1 145	28	10	214	75	127	12	–
Open cracks or holes (interior)	5 444	4 701	74	32	636	394	212	31	–
Broken plaster or peeling paint (interior)	4 597	4 154	40	22	380	212	127	41	–
No electrical wiring	124	82	–	–	42	34	8	–	–
Exposed wiring	1 672	1 369	35	12	255	158	70	24	4
Rooms without electric outlets	1 917	1 643	28	6	241	131	95	15	–
Description of Area Within 300 Feet[1]									
Single-family detached houses	9 268	7 230	677	61	1 300	1 215	6	44	34
Only single-family detached	–	–	–	–	–	–	–	–	–
Single-family attached or 1 to 3 story multiunit	17 890	13 256	390	68	4 176	4 056	13	64	43
4 to 6 story multiunit	4 438	3 753	84	28	573	484	13	49	27
7 stories or more multiunit	2 442	2 145	25	14	258	203	7	46	3
Mobile homes	261	174	25	–	62	57	–	5	–
Commercial, institutional, or industrial	7 904	6 335	317	47	1 205	1 092	–	62	52
Residential parking lots	6 930	4 840	55	25	2 010	1 941	9	25	35
Body of water	1 328	894	29	6	400	390	–	7	3
Open space, park, farm, or ranch	4 898	3 253	160	27	1 458	1 382	7	67	3
4+ lane highway, railroad, or airport	3 170	2 370	91	17	692	619	16	35	22
Other	1 218	932	73	9	204	193	3	8	–
Not observed or not reported	2 866	2 106	95	3	662	607	–	19	37
Age of Other Residential Buildings Within 300 Feet									
Older	1 576	932	11	5	628	605	3	9	10
About the same	17 673	13 332	636	69	3 636	3 522	1	74	39
Newer	557	447	48	5	57	53	–	4	–
Very mixed	3 765	2 979	131	28	627	528	16	54	30
No other residential buildings	766	508	36	3	219	213	–	4	2
Not reported	2 926	2 156	92	3	675	620	–	19	37
Mobile Homes in Group									
Mobile homes	7 551	1 479	–	1	6 071	2 364	3 707	–	–
1 to 6	5 034	741	–	1	4 292	1 648	2 645	–	–
7 to 20	432	76	–	–	355	124	232	–	–
21 or more	2 067	662	–	–	1 405	592	813	–	–
Not reported	18	–	–	–	18	–	18	–	–
Other Buildings Vandalized or With Interior Exposed									
None	22 411	16 708	766	101	4 835	4 615	20	140	61
1 building	414	360	16	1	37	29	–	1	7
More than 1 building	784	693	32	5	54	39	–	2	13
No buildings within 300 feet	381	208	24	1	149	146	–	2	–
Not reported	3 274	2 386	117	4	768	712	–	19	37
Bars on Windows of Buildings									
With other buildings within 300 feet	23 608	17 761	814	107	4 926	4 682	20	143	81
No bars on windows	19 770	14 417	705	77	4 571	4 411	13	92	55
1 building with bars	675	550	22	7	95	60	7	29	–
2 or more buildings with bars	2 999	2 673	79	23	224	178	–	20	26
Not reported	164	121	7	1	36	34	–	2	–
Condition of Streets									
No repairs needed	18 296	13 270	623	78	4 325	4 143	16	111	55
Minor repairs needed	5 230	4 342	220	28	639	586	4	29	21
Major repairs needed	500	423	12	2	62	55	–	2	5
No streets within 300 feet	342	204	6	1	131	130	–	1	–
Not reported	2 896	2 116	92	3	685	628	–	21	37

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1A-6. Housing and Neighborhood Quality—All Housing Units—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Trash, Litter, or Junk on Streets or any Properties									
None	17 577	12 444	600	79	4 454	4 295	19	104	36
Minor accumulation	6 198	5 296	233	25	643	589	–	35	18
Major accumulation	616	509	26	3	77	46	–	4	26
Not reported	2 873	2 106	95	5	668	611	–	21	37

[1]Figures may not add to total because more than one category may apply to a unit.
[2]Two or more units of any tenure in the structure.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1A-7. Financial Characteristics—All Housing Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**104 556**	**80 059**	**964**	**321**	**23 212**	**18 703**	**3 910**	**427**	**173**
Monthly Housing Costs[1]									
Less than $100	2 314	1 646	14	3	651	319	319	12	1
$100 to $199	11 723	9 635	43	20	2 026	1 110	841	60	15
$200 to $249	6 331	5 291	76	9	954	596	320	18	19
$250 to $299	6 062	5 045	63	14	940	623	268	46	3
$300 to $349	5 928	4 899	68	22	940	582	312	44	2
$350 to $399	5 655	4 602	59	20	974	678	277	12	7
$400 to $449	5 658	4 511	61	17	1 068	833	190	45	–
$450 to $499	5 280	4 195	51	12	1 023	884	117	19	2
$500 to $599	8 985	7 008	121	24	1 831	1 682	115	27	7
$600 to $699	7 117	5 448	61	28	1 580	1 485	49	13	32
$700 to $799	5 401	4 079	50	20	1 253	1 209	30	12	2
$800 to $999	7 075	5 144	67	26	1 837	1 785	50	2	–
$1,000 to $1,249	4 495	2 926	37	20	1 511	1 478	21	9	4
$1,250 to $1,499	2 476	1 612	26	12	827	820	6	–	–
$1,500 or more	4 064	2 494	11	19	1 540	1 522	17	–	–
No cash rent	2 314	1 794	60	7	454	264	123	45	22
Mortgage payment not reported	5 224	3 866	37	19	1 302	1 206	75	21	–
Median (excludes no cash rent)	**456**	**435**	**470**	**565**	**549**	**633**	**248**	**327**	**400**
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	**474**	**446**	**633**	**690**	**613**	**764**	**220**	**302**	**...**
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	**220**	**192**	**252**	**368**	**357**	**502**	**100-**	**189**	**...**
OWNER HOUSING UNITS									
Total	**63 572**	**48 953**	**221**	**195**	**14 203**	**11 662**	**2 398**	**135**	**7**
Average Monthly Cost Paid for Real Estate Taxes									
Less than $25	12 763	8 601	9	18	4 135	2 292	1 803	38	3
$25 to $49	11 278	9 209	26	32	2 010	1 627	322	62	–
$50 to $74	9 236	7 604	22	27	1 583	1 451	120	12	–
$75 to $99	6 699	5 331	42	27	1 298	1 258	40	–	1
$100 to $149	9 882	7 803	39	27	2 013	1 942	56	12	3
$150 to $199	5 468	4 318	28	16	1 105	1 069	35	1	–
$200 or more	8 248	6 086	56	48	2 058	2 024	23	11	–
Median	**71**	**72**	**116**	**94**	**65**	**84**	**25-**	**37**	**...**
Annual Taxes Paid Per $1,000 Value									
Less than $5	11 015	8 349	28	20	2 619	1 916	648	54	1
$5 to $9	17 698	13 549	34	52	4 063	3 646	393	24	1
$10 to $14	14 218	10 827	33	37	3 321	2 938	354	24	5
$15 to $19	7 707	6 144	43	26	1 494	1 270	199	25	–
$20 to $24	5 029	4 026	15	28	959	835	117	7	1
$25 or more	7 905	6 058	68	33	1 746	1 056	688	1	–
Median	**11**	**11**	**17**	**14**	**11**	**10**	**12**	**8**	**...**
Condominium and Cooperative Fee									
Fee paid by owners	2 581	1 598	2	8	973	966	–	7	–
Less than $25 per month	29	19	–	–	10	10	–	–	–
$25 to $49	81	57	1	–	24	24	–	–	–
$50 to $74	220	84	–	–	136	136	–	–	–
$75 to $99	377	184	1	–	192	192	–	–	–
$100 to $149	739	407	1	–	331	331	–	–	–
$150 to $199	389	275	–	1	113	113	–	–	–
$200 or more per month	606	494	–	5	107	103	–	4	–
Not reported	141	78	–	2	60	57	–	3	–
Median	**135**	**152**	**...**	**...**	**114**	**114**	**...**	**...**	**...**
Other Housing Costs Per Month									
Homeowner association fee paid	2 213	1 319	2	3	889	885	–	4	–
Median	**130**	**143**	**...**	**...**	**114**	**114**	**...**	**...**	**...**
Mobile home park fee paid	213	80	–	–	133	59	74	–	–
Median	**46**	**40**	**...**	**...**	**47**	**99**	**34**	**...**	**...**
Land rent fee paid	146	96	2	–	48	25	20	3	–
Median	**53**	**23**	**...**	**...**	**...**	**...**	**...**	**...**	**...**
Value[2]									
Less than $10,000	2 701	1 033	2	–	1 665	440	1 222	–	2
$10,000 to $19,999	2 894	1 520	7	5	1 361	844	511	7	–
$20,000 to $29,999	3 121	2 313	10	5	792	514	256	21	1
$30,000 to $39,999	3 874	3 290	19	16	548	405	129	14	–
$40,000 to $49,999	4 840	4 342	29	14	455	396	49	10	–
$50,000 to $59,999	4 732	4 156	7	15	553	498	44	11	–
$60,000 to $69,999	5 305	4 573	15	18	699	640	60	–	–
$70,000 to $79,999	4 675	3 927	15	21	712	683	29	–	1
$80,000 to $99,999	7 851	6 237	22	19	1 573	1 510	33	29	1
$100,000 to $119,999	4 618	3 529	14	7	1 069	1 037	22	9	–
$120,000 to $149,999	5 103	3 671	16	17	1 399	1 373	15	7	3
$150,000 to $199,999	5 888	4 489	22	20	1 358	1 338	14	6	–
$200,000 to $249,999	2 980	2 235	15	13	717	713	–	3	–
$250,000 to $299,999	1 720	1 286	13	7	414	414	–	–	–
$300,000 or more	3 258	2 343	14	14	886	855	14	17	–
Time shared units	61	35	–	–	25	24	1	–	–
Median	**79 228**	**78 261**	**85 738**	**81 221**	**84 000**	**98 689**	**10000-**	**82 670**	**...**

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1A-7. Financial Characteristics—All Housing Units—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
OWNER HOUSING UNITS—Con.									
Other Activities on Property[3]									
Commercial establishment	919	707	4	4	203	139	54	10	–
Medical or dental office	176	150	–	1	25	25	–	–	–
Neither	62 547	48 150	217	189	13 991	11 513	2 345	126	7

[1]Rent asked for vacant units.
[2]Sales price for units that are for sale; purchase price for units sold but not yet occupied.
[3]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1B-1. Introductory Characteristics—All Housing Units—In Central Cities

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**32 128**	**27 001**	**395**	**164**	**4 567**	**4 175**	**191**	**117**	**85**
Occupancy Status									
Vacant and URE	3 360	2 727	75	18	540	429	31	19	61
Occupied	28 768	24 274	321	146	4 027	3 746	159	97	25
Tenure									
Owner occupied	14 665	12 708	69	93	1 795	1 685	103	6	1
Percent of all occupied	51.0	52.4	21.5	63.7	44.6	45.0	64.7	6.3	2.8
Renter occupied	14 103	11 566	252	53	2 232	2 060	56	91	24
Units in Structure									
1, detached	14 809	13 248	–	87	1 474	1 444	8	19	3
1, attached	2 606	2 122	–	14	469	456	1	6	6
2 to 4	5 298	4 530	308	39	421	388	12	21	–
5 to 9	2 460	1 856	79	8	515	503	–	13	–
10 to 19	2 006	1 407	4	2	592	585	–	7	–
20 to 49	1 995	1 540	5	6	444	366	7	33	39
50 or more	2 564	2 153	–	7	404	348	–	18	38
Mobile home or trailer	393	144	–	–	248	86	163	–	–
Cooperatives and Condominiums									
Cooperatives	481	459	–	4	19	14	5	–	–
Condominiums	1 400	925	3	5	467	460	–	7	–
Year Structure Built[1]									
1990 to 1994	427	–	–	–	427	427	–	–	–
1985 to 1989	1 864	–	–	–	1 864	1 864	–	–	–
1980 to 1984	1 991	107	–	–	1 884	1 884	–	–	–
1975 to 1979	2 486	2 394	7	4	81	–	59	16	6
1970 to 1974	2 904	2 822	16	1	66	–	61	3	1
1960 to 1969	4 747	4 634	19	16	78	–	40	7	31
1950 to 1959	4 647	4 537	37	25	48	–	18	10	21
1940 to 1949	3 470	3 349	60	17	45	–	4	28	13
1930 to 1939	3 258	2 908	240	93	17	–	1	11	5
1920 to 1929	2 728	2 703	2	1	22	–	–	16	6
1919 or earlier	3 605	3 548	14	9	35	–	7	26	2
Median	**1956**	**1952**	**1938**	**1938**	**1984**	**1985**	**1972**	**1942**	**1958**
Suitability for Year-Round Use[2]									
Built and heated for year-round use	32 099	26 974	395	164	4 565	4 175	188	117	85
Not suitable	17	15	–	–	2	–	2	–	–
Not reported	12	12	–	–	–	–	–	–	–
Time Sharing									
URE owner, sold, not yet occupied, and vacant for sale units	452	357	9	6	80	69	8	3	–
Ownership time-shared	3	3	–	–	–	–	–	–	–
Not time-shared	449	354	9	6	80	69	8	3	–
Not reported	–	–	–	–	–	–	–	–	–
Duration of Vacancy									
Vacant units	2 931	2 448	71	14	398	345	31	16	5
Less than 1 month vacant	675	534	15	–	126	117	5	4	–
1 month up to 2 months	218	176	6	1	36	36	–	–	–
2 months up to 6 months	670	566	18	3	83	73	4	1	5
6 months up to 1 year	323	283	11	1	28	18	7	4	–
1 year up to 2 years	245	219	2	3	21	9	7	5	–
2 years or more	434	398	12	5	20	12	5	3	–
Never occupied	59	7	–	–	52	52	–	–	–
Don't know	306	265	7	1	33	30	3	–	–
Last Used as a Permanent Residence									
Vacant seasonal and URE units	547	367	4	4	171	99	14	3	55
Less than 1 month since occupied as permanent home	14	9	–	–	5	5	–	–	–
1 month up to 2 months	8	4	1	–	3	–	–	3	–
2 months up to 6 months	54	37	2	–	15	15	–	–	–
6 months up to 1 year	27	25	–	–	2	2	–	–	–
1 year up to 2 years	22	13	–	–	9	9	–	–	–
2 years or more	91	69	1	3	18	7	–	–	11
Never occupied as permanent home	124	63	–	–	60	40	14	–	7
Don't know	173	119	–	1	52	22	–	–	30
Not reported	34	27	–	–	7	–	–	–	7
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	32 128	27 001	395	164	4 567	4 175	191	117	85
In central cities	32 128	27 001	395	164	4 567	4 175	191	117	85
Suburbs	...	...	...	...	...	...	...	...	...
Outside metropolitan statistical areas	...	...	...	...	...	...	...	...	...
Regions									
Northeast	6 682	6 090	169	56	368	279	17	57	14
Midwest	7 226	6 440	73	51	662	621	23	7	11
South	10 570	8 443	82	35	2 011	1 859	75	31	45
West	7 650	6 029	71	23	1 527	1 415	76	21	15

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1B-1. Introductory Characteristics—All Housing Units—In Central Cities—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Urbanized Areas									
Inside urbanized areas	31 566	26 644	389	164	4 369	3 979	189	117	85
In central cities of (P)MSA's	31 566	26 644	389	164	4 369	3 979	189	117	85
Urban fringe	...	...	...	...	...	...	...	...	...
Outside urbanized areas	562	358	7	–	198	196	2	–	–
Other urban	453	333	7	–	113	113	–	–	–
Rural	109	25	–	–	85	83	2	–	–
Place Size[3]									
Less than 2,500 persons	2	2	–	–	–	–	–	–	–
2,500 to 9,999 persons	–	–	–	–	–	–	–	–	–
10,000 to 19,999 persons	168	113	8	–	47	47	–	–	–
20,000 to 49,999 persons	3 128	2 519	52	9	548	507	27	10	3
50,000 to 99,999 persons	4 596	3 834	31	15	716	663	39	12	3
100,000 to 249,999 persons	6 851	5 528	81	22	1 219	1 153	51	3	11
250,000 to 499,999 persons	5 492	4 626	58	30	777	717	30	18	12
500,000 to 999,999 persons	4 884	4 041	74	30	740	685	19	6	29
1,000,000 persons or more	7 008	6 337	91	58	522	402	25	68	27

[1]For mobile home, oldest category is 1939 or earlier.
[2]If occupied year-round, assumed to be suitable for year-round use.
[3]Figures will not add to total, because all units are not in Places.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1B-2. Height and Condition of Building—All Housing Units—In Central Cities

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**32 128**	**27 001**	**395**	**164**	**4 567**	**4 175**	**191**	**117**	**85**
Stories in Structure									
1	1 109	866	55	4	184	183	–	–	–
2	4 674	3 413	111	9	1 140	1 095	12	10	22
3	3 628	2 900	139	23	565	538	–	21	6
4 to 6	2 863	2 551	88	15	209	192	–	8	9
7 or more	2 046	1 757	–	11	278	181	7	52	39
Not reported	2	–	2	–	–	–	–	–	–
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	13 210	10 621	338	58	2 193	2 006	19	91	77
None (on same floor)	4 117	3 256	156	21	683	652	6	16	9
1 (up or down)	3 482	2 726	111	17	628	570	7	30	22
2 or more (up or down)	4 393	3 667	61	18	648	598	7	35	8
Not reported	1 218	972	10	2	233	186	–	11	37
Common Stairways									
Multiunits, 2 or more floors	13 210	10 621	338	58	2 193	2 006	19	91	77
No common stairways	2 210	1 687	164	12	346	330	–	14	2
With common stairways	9 832	7 999	162	43	1 628	1 505	19	67	38
No loose steps	9 104	7 383	154	39	1 528	1 420	19	66	23
Railings not loose	8 264	6 665	141	37	1 421	1 317	19	62	23
Railings loose	283	229	7	1	46	45	–	1	–
No railings	430	383	5	1	40	37	–	4	–
Status of railings not reported	127	105	1	–	21	21	–	–	–
Loose steps	675	573	8	4	91	75	–	1	14
Railings not loose	466	381	2	1	82	67	–	–	14
Railings loose	162	151	3	2	6	5	–	1	–
No railings	40	37	–	–	3	3	–	–	–
Status of railings not reported	7	5	2	–	–	–	–	–	–
Status of steps not reported	53	43	–	–	10	10	–	–	–
Status of stairways not reported	1 169	935	12	3	218	171	–	11	37
Light Fixtures in Public Halls									
2 or more units in structure	14 319	11 487	393	62	2 376	2 189	19	92	77
No public halls	4 337	3 291	223	18	806	792	–	14	–
No light fixtures in public halls	42	30	2	–	10	10	–	–	–
All in working order	5 893	4 905	97	30	861	768	7	52	34
Some in working order	546	465	32	3	46	27	12	1	6
None in working order	37	35	–	2	–	–	–	–	–
Unable to determine if working	2 035	1 637	11	6	381	367	–	14	–
Not reported	1 428	1 125	28	3	272	225	–	11	37
Elevator on Floor									
Multiunits, 2 or more floors	13 210	10 621	338	58	2 193	2 006	19	91	77
With 1 or more elevators working	2 598	2 165	1	10	422	361	7	45	10
With elevator, none in working condition	115	105	1	–	9	9	–	–	–
No elevator	9 335	7 426	324	46	1 538	1 459	12	36	30
Units 3 or more floors from main entrance	720	619	18	2	81	77	–	4	–
Not reported	1 163	924	12	2	225	177	–	11	37
Foundation									
1 unit bldg. excl. mobile homes	17 414	15 370	–	102	1 942	1 900	9	25	9
With basement under all of building	5 989	5 610	–	64	315	309	4	–	2
With basement under part of building	1 452	1 311	–	13	128	124	–	3	–
With crawl space	4 252	3 929	–	12	311	304	–	1	6
On concrete slab	5 402	4 237	–	10	1 154	1 133	1	20	–
Other	317	281	–	2	34	28	4	1	1
Not reported	2	2	–	–	–	–	–	–	–
External Building Conditions[1]									
Sagging roof	69	64	4	1	–	–	–	–	–
Missing roofing material	89	78	9	–	2	2	–	–	–
Hole in roof	20	20	–	–	–	–	–	–	–
Could not see roof	1 818	1 599	58	13	148	138	–	9	–
Missing bricks, siding, other outside wall material	282	252	13	3	14	14	–	–	–
Sloping outside walls	43	42	–	1	–	–	–	–	–
Boarded up windows	283	267	8	3	6	5	–	1	–
Broken windows	303	287	11	3	2	2	–	–	–
Bars on windows	471	452	10	3	6	3	–	3	–
Foundation crumbling or has open crack or hole	244	223	11	2	8	8	–	–	–
Could not see foundation	675	619	23	4	29	27	–	1	–
None of the above	10 093	7 945	271	43	1 833	1 719	19	71	25
Could not observe or not reported	1 698	1 291	39	4	365	302	–	11	52
Site Placement									
Mobile homes	393	144	–	–	248	86	163	–	–
First site	218	94	–	–	124	60	64	–	–
Moved from another site	72	24	–	–	48	15	33	–	–
Don't know	84	23	–	–	61	11	50	–	–
Not reported	19	4	–	–	15	–	15	–	–

[1]Figures may not add to total because more than one category may apply.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1B-3. Size of Unit and Lot—All Housing Units—In Central Cities

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**32 128**	**27 001**	**395**	**164**	**4 567**	**4 175**	**191**	**117**	**85**
Rooms									
1 room	476	365	48	1	63	33	–	10	18
2 rooms	718	608	40	1	69	48	6	4	11
3 rooms	4 581	3 752	101	12	716	621	29	42	24
4 rooms	6 912	5 492	92	20	1 307	1 173	75	44	15
5 rooms	7 120	6 078	58	23	961	875	63	17	7
6 rooms	5 975	5 319	27	30	598	581	10	–	7
7 rooms	3 291	2 872	11	23	385	378	7	–	–
8 rooms	1 731	1 464	14	23	230	230	–	–	–
9 rooms	803	618	5	14	166	164	–	–	2
10 rooms or more	521	433	–	16	72	72	–	–	–
Median	**5.0**	**5.0**	**3.6**	**6.3**	**4.6**	**4.7**	**4.3**	**3.6**	**3.0**
Bedrooms									
None	947	770	55	2	121	69	–	12	41
1	6 432	5 241	162	20	1 009	905	39	44	20
2	10 867	9 070	103	35	1 659	1 500	103	48	8
3	10 416	9 035	58	58	1 265	1 201	44	13	7
4 or more	3 468	2 886	18	50	513	501	4	–	9
Median	**2.3**	**2.3**	**1.4**	**2.9**	**2.2**	**2.2**	**2.0**	**1.6**	**.6**
Complete Bathrooms									
None	277	199	44	1	33	4	–	6	22
1	18 753	16 627	300	57	1 769	1 506	118	97	48
1 and one-half	4 494	4 008	24	14	448	401	32	7	9
2 or more	8 605	6 168	28	92	2 317	2 264	41	7	6
Square Footage of Unit									
Single detached and mobile homes	15 202	13 392	–	88	1 722	1 530	171	19	3
Less than 500	207	154	–	2	51	5	37	9	1
500 to 749	529	492	–	5	32	12	20	–	–
750 to 999	1 328	1 190	–	2	136	82	53	1	–
1,000 to 1,499	3 773	3 445	–	8	321	297	24	–	–
1,500 to 1,999	3 377	2 954	–	9	414	408	6	–	–
2,000 to 2,499	2 218	1 944	–	10	264	260	4	–	–
2,500 to 2,999	1 056	914	–	3	139	139	–	–	–
3,000 to 3,999	928	792	–	5	131	131	–	–	–
4,000 or more	564	483	–	9	73	73	–	–	–
Not reported (includes don't know)	1 221	1 023	–	35	162	123	28	9	2
Median	**1 671**	**1 653**	**...**	**2 011**	**1 790**	**1 877**	**819**	**...**	**...**
Lot Size									
Less than one-eighth acre	2 678	2 391	–	30	257	202	52	3	1
One-eighth up to one-quarter acre	4 164	3 707	–	16	441	425	12	4	–
One-quarter up to one-half acre	2 072	1 760	–	5	308	298	10	–	–
One-half up to one acre	928	762	–	5	161	156	5	–	–
1 to 4 acres	540	477	–	1	63	55	8	–	–
5 to 9 acres	20	12	–	–	8	8	–	–	–
10 acres or more	51	41	–	–	10	7	3	–	–
Don't know	6 594	5 791	–	44	760	675	65	12	8
Not reported	390	270	–	–	120	120	–	–	–
Median	**.20**	**.20**	**...**	**.13-**	**.23**	**.24**	**.13-**	**...**	**...**

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1B-4. Selected Equipment and Plumbing—All Housing Units—In Central Cities

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**32 128**	**27 001**	**395**	**164**	**4 567**	**4 175**	**191**	**117**	**85**
Equipment[1]									
Lacking complete kitchen facilities	1 326	1 141	52	7	126	84	8	11	23
With complete kitchen (sink, refrigerator and burners)	30 802	25 860	343	158	4 442	4 090	183	106	63
Kitchen Sink	31 838	26 781	366	164	4 527	4 165	186	113	63
Refrigerator	31 122	26 121	360	159	4 482	4 103	186	111	83
Less than 5 years old	10 697	8 326	125	59	2 187	2 080	45	33	29
Age not reported	1 074	821	32	1	219	188	10	12	9
Burners and oven	31 276	26 234	352	159	4 531	4 165	187	110	70
Less than 5 years old	8 000	5 816	111	49	2 024	1 946	43	27	7
Age not reported	1 119	863	22	–	235	208	10	8	9
Burners only	43	37	2	–	4	–	–	4	–
Less than 5 years old	10	7	–	–	4	–	–	4	–
Age not reported	7	7	–	–	–	–	–	–	–
Oven only	39	38	1	–	–	–	–	–	–
Less than 5 years old	20	18	1	–	–	–	–	–	–
Age not reported	6	6	–	–	–	–	–	–	–
Neither burners nor oven	771	692	40	6	32	10	3	3	15
Dishwasher	13 778	10 013	79	57	3 629	3 567	52	8	2
Less than 5 years old	4 817	3 017	37	30	1 733	1 720	13	1	–
Age not reported	617	404	6	3	204	195	7	3	–
Washing machine	19 069	15 967	103	117	2 882	2 769	97	14	2
Less than 5 years old	6 871	5 476	38	41	1 316	1 291	18	7	–
Age not reported	323	232	–	1	90	83	4	4	–
Clothes dryer	16 536	13 530	86	95	2 824	2 709	98	16	2
Less than 5 years old	5 508	4 159	24	37	1 287	1 255	24	6	2
Age not reported	275	186	4	–	84	77	4	3	–
Disposal in kitchen sink	13 660	9 978	44	36	3 602	3 490	49	15	48
Less than 5 years old	5 169	3 253	26	21	1 869	1 816	19	8	26
Age not reported	956	710	5	2	239	211	1	7	20
Air conditioning:									
Central	12 480	9 044	39	32	3 365	3 271	61	8	25
1 room unit	5 946	5 462	74	24	387	275	38	51	23
2 room units	2 417	2 267	23	22	105	68	16	14	7
3 room units or more	930	888	5	16	21	13	8	–	–
Main Heating Equipment									
Warm-air furnace	16 201	13 364	170	56	2 611	2 436	119	23	32
Steam or hot water system	6 720	6 225	131	70	294	189	19	54	32
Electric heat pump	2 093	1 242	4	4	842	827	7	–	9
Built-in electric units	2 113	1 564	16	2	531	511	10	10	–
Floor, wall, or other built-in hot air units without ducts	1 946	1 791	19	10	126	98	11	17	–
Room heaters with flue	837	803	8	5	21	7	9	4	–
Room heaters without flue	713	690	9	4	10	6	3	–	–
Portable electric heaters	267	234	14	6	14	8	3	3	–
Stoves	217	208	7	2	–	–	–	–	–
Fireplaces with inserts	74	53	2	–	19	19	–	–	–
Fireplaces without inserts	118	93	–	–	25	25	–	–	–
Other	291	254	8	4	26	25	–	1	–
None	539	480	8	2	49	23	9	4	13
Other Heating Equipment									
With other heating equipment[1]	6 904	5 577	76	34	1 217	1 188	22	6	–
Warm-air furnace	168	136	–	1	32	27	3	2	–
Steam or hot water system	32	28	–	1	3	3	–	–	–
Electric heat pump	76	60	–	–	16	15	–	–	–
Built-in electric units	518	452	11	3	52	52	–	–	–
Floor, wall, or other built-in hot-air units without ducts	122	121	1	1	–	–	–	–	–
Room heaters with flue	215	210	2	1	2	2	–	–	–
Room heaters without flue	402	366	1	4	30	30	–	–	–
Portable electric heaters	1 862	1 699	37	8	118	103	11	4	–
Stoves	408	340	9	2	57	54	3	–	–
Fireplaces with inserts	766	562	7	5	192	192	–	–	–
Fireplaces with no inserts	2 889	2 076	18	11	784	778	6	–	–
Other	201	168	–	–	33	33	–	–	–
Plumbing[2]									
With all plumbing facilities	31 337	26 346	341	162	4 487	4 121	185	112	70
Lacking some plumbing facilities[1]	135	95	22	1	18	–	–	3	15
No hot piped water	12	12	–	–	–	–	–	–	–
No bathtub nor shower	129	89	22	1	18	–	–	3	15
No flush toilet	100	63	21	1	15	–	–	–	15
No plumbing facilities for exclusive use	656	560	32	2	62	54	6	2	–
Source of Water									
Public system or private company	31 597	26 576	395	161	4 464	4 081	181	117	85
Well serving 1 to 5 units	194	147	–	2	44	38	6	–	–
Drilled	175	134	–	1	39	33	6	–	–
Dug	8	6	–	–	1	1	–	–	–
Not reported	11	7	–	1	3	3	–	–	–
Other	338	278	–	1	59	55	4	–	–

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1B-4. Selected Equipment and Plumbing—All Housing Units—In Central Cities—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Means of Sewage Disposal									
Public sewer	31 514	26 522	387	162	4 443	4 068	175	115	85
Septic tank, cesspool, chemical toilet	602	470	7	2	122	107	15	–	–
Other	13	9	1	–	2	–	–	2	–

[1]Figures may not add to total because more than one category may apply to a unit.
[2]Data not up to publication standards; see "Qualifications of the Data" section in the Introduction.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1B-5. Fuels—All Housing Units—In Central Cities

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	House or mobile home moved in	New construction	From nonresidential use	Other
Total	**32 128**	**27 001**	**395**	**164**	**4 567**	**4 175**	**191**	**117**	**85**
Main House Heating Fuel									
Housing units with heating fuel	31 589	26 521	388	162	4 518	4 151	182	113	72
Electricity	7 684	5 077	59	18	2 530	2 461	40	14	14
Piped gas	19 131	17 033	251	119	1 728	1 496	105	85	42
Bottled gas	180	135	–	–	44	26	18	–	1
Fuel oil	3 834	3 606	67	21	141	98	16	13	15
Kerosene or other liquid fuel	121	108	2	–	11	8	3	–	–
Coal or coke	22	22	–	–	–	–	–	–	–
Wood	412	360	9	2	41	41	–	–	–
Solar energy	8	–	–	–	8	8	–	–	–
Other	198	181	–	3	14	14	–	1	–
Other House Heating Fuels									
With other heating fuels[1]	3 682	3 024	25	19	613	566	17	4	26
Electricity	1 318	1 218	19	9	72	63	5	4	–
Piped gas	285	225	2	3	55	41	–	–	15
Bottled gas	19	16	–	–	3	–	3	–	–
Fuel oil	101	86	2	–	13	2	–	–	11
Kerosene or other liquid fuel	270	249	1	–	20	20	–	–	–
Coal or coke	11	11	1	–	–	–	–	–	–
Wood	1 692	1 247	3	5	436	427	8	–	–
Solar energy	39	28	–	–	11	11	–	–	–
Other	59	48	1	2	8	8	–	–	–
Not reported	189	162	2	–	25	25	–	–	–
Cooking Fuel									
With cooking fuel	31 349	26 300	355	159	4 535	4 165	187	113	70
Electricity	15 275	11 667	121	50	3 438	3 317	67	35	18
Gas	16 026	14 595	234	109	1 088	846	113	78	51
Kerosene or other liquid fuel	16	9	–	–	7	–	7	–	–
Coal or coke	–	–	–	–	–	–	–	–	–
Wood	–	–	–	–	–	–	–	–	–
Other	32	29	–	–	2	2	–	–	–
Water Heating Fuel									
With hot piped water	32 053	26 948	375	164	4 565	4 175	191	115	85
Electricity	8 513	6 068	53	18	2 373	2 274	70	20	10
Gas	20 690	18 227	268	131	2 064	1 807	114	87	57
Fuel oil	2 518	2 385	48	13	72	46	–	8	18
Kerosene or other liquid fuel	22	16	–	–	7	–	7	–	–
Coal or coke	9	9	–	–	–	–	–	–	–
Wood	3	2	–	–	–	–	–	–	–
Solar energy	95	61	5	–	29	29	–	–	–
Other	203	180	1	3	20	20	–	–	–
Central Air Conditioning Fuel									
With central air conditioning	12 480	9 044	39	32	3 365	3 271	61	8	25
Electricity	11 546	8 240	39	30	3 236	3 145	58	8	25
Gas	864	735	–	–	129	126	3	–	–
Other	71	69	–	1	–	–	–	–	–
Clother Dryer Fuel									
With clothes dryer	16 536	13 530	86	95	2 824	2 709	98	16	2
Electricity	11 745	9 200	52	50	2 442	2 345	84	13	–
Gas	4 770	4 309	34	45	382	363	14	3	2
Other	20	20	–	–	–	–	–	–	–

[1]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1B-6. Housing and Neighborhood Quality—All Housing Units—In Central Cities

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**32 128**	**27 001**	**395**	**164**	**4 567**	**4 175**	**191**	**117**	**85**
Selected Amenities[1]									
Porch, deck, balcony, or patio	21 741	17 907	178	114	3 543	3 391	114	35	3
Not reported	98	80	–	–	18	5	–	–	13
Usable fireplace	7 806	5 786	51	30	1 938	1 919	9	5	6
Separate dining room	13 863	11 894	82	110	1 777	1 727	30	11	9
With 2 or more living rooms or recreation rooms, etc.	7 571	6 487	41	62	981	946	22	–	13
Garage or carport included with home	15 245	12 742	80	59	2 364	2 298	59	5	2
Not included	16 106	13 586	296	100	2 123	1 807	128	104	83
Offstreet parking included	9 678	7 704	152	49	1 773	1 593	111	42	27
Offstreet parking not reported	175	149	2	–	24	24	–	–	–
Garage or carport not reported	108	90	6	1	11	11	–	–	–
Owner or Manager on Property									
Rental, multiunit[2]	14 321	11 487	395	62	2 376	2 189	19	92	77
Owner or manager lives on property	4 469	3 375	55	6	1 033	967	–	14	52
Neither owner nor manager lives on property	7 607	6 239	234	25	1 108	996	19	68	25
Not reported	2 245	1 873	106	31	236	226	–	10	–
Selected Deficiencies[1]									
Holes in floors	499	462	10	3	24	15	5	4	–
Open cracks or holes (interior)	2 214	2 056	34	21	103	95	2	6	–
Broken plaster or peeling paint (interior)	1 978	1 871	10	15	81	65	–	16	–
No electrical wiring	16	16	–	–	–	–	–	–	–
Exposed wiring	621	520	20	12	69	60	8	–	–
Rooms without electric outlets	577	534	13	3	26	23	–	4	–
Description of Area Within 300 Feet[1]									
Single-family detached houses	4 727	3 938	250	24	516	498	6	7	6
Only single-family detached	–	–	–	–	–	–	–	–	–
Single-family attached or 1 to 3 story multiunit	9 510	7 531	226	41	1 712	1 639	12	33	28
4 to 6 story multiunit	3 256	2 880	79	19	279	211	13	41	13
7 stories or more multiunit	1 954	1 749	25	8	171	116	7	46	3
Mobile homes	68	47	2	–	18	18	–	–	–
Commercial, institutional, or industrial	4 720	3 980	151	23	566	502	–	33	30
Residential parking lots	3 260	2 441	28	12	780	747	9	9	15
Body of water	456	329	8	1	117	114	–	1	3
Open space, park, farm, or ranch	2 251	1 666	35	9	542	481	7	54	–
4+ lane highway, railroad, or airport	1 759	1 367	35	9	349	280	15	31	22
Other	672	551	26	4	91	84	3	3	–
Not observed or not reported	1 332	1 027	33	2	270	223	–	11	37
Age of Other Residential Buildings Within 300 Feet									
Older	869	536	8	3	322	318	3	1	–
About the same	9 290	7 650	291	38	1 310	1 252	–	33	25
Newer	236	198	12	3	23	20	–	3	–
Very mixed	2 260	1 846	46	14	354	282	15	43	13
No other residential buildings	295	204	5	2	84	81	–	1	2
Not reported	1 369	1 053	30	2	283	236	–	11	37
Mobile Homes in Group									
Mobile homes	393	144	–	–	248	86	163	–	–
1 to 6	96	37	–	–	59	16	43	–	–
7 to 20	21	10	–	–	11	–	11	–	–
21 or more	276	97	–	–	179	70	109	–	–
Not reported	–	–	–	–	–	–	–	–	–
Other Buildings Vandalized or With Interior Exposed									
None	11 625	9 308	309	52	1 955	1 830	19	80	27
1 building	333	296	15	1	20	20	–	–	–
More than 1 building	677	610	27	5	34	20	–	1	13
No buildings within 300 feet	138	82	3	1	52	52	–	–	–
Not reported	1 547	1 191	39	4	314	267	–	11	37
Bars on Windows of Buildings									
With other buildings within 300 feet	12 634	10 214	352	58	2 010	1 870	19	81	40
No bars on windows	9 372	7 343	264	29	1 736	1 678	12	32	14
1 building with bars	500	417	11	6	67	31	7	29	–
2 or more buildings with bars	2 657	2 369	72	22	193	147	–	20	26
Not reported	106	86	5	1	14	14	–	–	–
Condition of Streets									
No repairs needed	9 137	7 162	249	40	1 685	1 578	15	68	24
Minor repairs needed	3 300	2 852	112	17	319	286	3	13	16
Major repairs needed	356	317	1	2	35	35	–	–	–
No streets within 300 feet	158	110	–	–	48	48	–	–	–
Not reported	1 367	1 045	30	3	289	242	–	11	37

SECTION A. **1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS**

Table 1B-6. **Housing and Neighborhood Quality—All Housing Units—In Central Cities**—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Trash, Litter, or Junk on Streets or any Properties									
None	8 211	6 253	209	37	1 711	1 632	19	56	5
Minor accumulation	4 291	3 791	134	20	345	307	–	26	13
Major accumulation	493	421	20	3	49	27	–	–	22
Not reported	1 325	1 022	30	2	270	223	–	11	37

[1]Figures may not add to total because more than one category may apply to a unit.
[2]Two or more units of any tenure in the structure.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1B-7. Financial Characteristics—All Housing Units—In Central Cities

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**32 128**	**27 001**	**395**	**164**	**4 567**	**4 175**	**191**	**117**	**85**
Monthly Housing Costs[1]									
Less than $100	613	554	9	1	49	40	4	5	1
$100 to $199	3 208	2 949	18	15	225	180	33	6	6
$200 to $249	1 871	1 688	32	6	145	108	15	9	12
$250 to $299	1 915	1 746	28	4	138	111	10	14	3
$300 to $349	2 115	1 916	18	12	169	121	30	19	–
$350 to $399	2 105	1 895	18	7	185	175	3	7	–
$400 to $449	2 093	1 768	26	9	289	260	22	7	–
$450 to $499	2 000	1 666	23	9	302	284	11	7	–
$500 to $599	3 327	2 772	62	11	482	472	8	2	–
$600 to $699	2 441	1 983	12	11	434	416	11	5	2
$700 to $799	1 800	1 448	28	8	316	310	–	7	–
$800 to $999	2 056	1 599	26	10	420	410	9	1	–
$1,000 to $1,249	1 245	844	12	11	378	369	3	6	–
$1,250 to $1,499	617	438	5	8	166	163	4	–	–
$1,500 or more	966	654	4	12	297	297	–	–	–
No cash rent	641	543	28	4	67	50	–	11	6
Mortgage payment not reported	1 346	1 142	17	12	175	173	3	–	–
Median (excludes no cash rent)	**457**	**434**	**475**	**542**	**603**	**626**	**333**	**334**	**...**
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	**497**	**453**	**...**	**672**	**901**	**945**	**328**	**...**	**...**
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	**221**	**188**	**...**	**366**	**590**	**623**	**100-**	**...**	**...**
OWNER HOUSING UNITS									
Total	**15 117**	**13 065**	**78**	**99**	**1 875**	**1 754**	**111**	**9**	**1**
Average Monthly Cost Paid for Real Estate Taxes									
Less than $25	2 464	2 166	2	10	286	206	75	4	1
$25 to $49	2 990	2 700	7	14	270	253	13	4	–
$50 to $74	2 678	2 379	9	22	269	254	14	–	–
$75 to $99	1 874	1 598	16	16	245	243	2	–	–
$100 to $149	2 516	2 119	17	8	372	366	6	–	–
$150 to $199	1 105	932	12	6	155	154	–	1	–
$200 or more	1 491	1 172	15	24	279	279	–	–	–
Median	**70**	**68**	**116**	**82**	**87**	**92**	**25-**	**...**	**...**
Annual Taxes Paid Per $1,000 Value									
Less than $5	2 642	2 329	9	13	290	259	26	4	1
$5 to $9	4 458	3 755	14	26	663	634	28	1	–
$10 to $14	3 362	2 823	17	22	501	476	20	5	–
$15 to $19	1 760	1 576	20	12	151	143	8	–	–
$20 to $24	1 123	969	4	12	138	133	4	–	–
$25 or more	1 772	1 612	13	14	133	109	24	–	–
Median	**11**	**11**	**15**	**12**	**10**	**10**	**10**	**...**	**...**
Condominium and Cooperative Fee									
Fee paid by owners	849	603	2	6	239	232	–	7	–
Less than $25 per month	7	7	–	–	–	–	–	–	–
$25 to $49	19	14	1	–	4	4	–	–	–
$50 to $74	77	31	–	–	46	46	–	–	–
$75 to $99	78	42	1	–	35	35	–	–	–
$100 to $149	201	124	1	–	76	76	–	–	–
$150 to $199	126	92	–	1	33	33	–	–	–
$200 or more per month	298	262	–	5	31	27	–	4	–
Not reported	43	30	–	–	13	9	–	3	–
Median	**158**	**187**	**...**	**...**	**118**	**117**	**...**	**...**	**...**
Other Housing Costs Per Month									
Homeowner association fee paid	674	446	2	3	224	220	–	4	–
Median	**142**	**159**	**...**	**...**	**118**	**116**	**...**	**...**	**...**
Mobile home park fee paid	27	21	–	–	6	–	6	–	–
Median	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**
Land rent fee paid	32	30	–	–	2	2	–	–	–
Median	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**
Value[2]									
Less than $10,000	260	204	2	–	54	15	39	–	–
$10,000 to $19,999	434	354	2	4	74	40	34	–	–
$20,000 to $29,999	732	674	1	4	53	38	12	3	1
$30,000 to $39,999	1 046	993	11	5	38	35	3	–	–
$40,000 to $49,999	1 308	1 233	7	6	62	59	3	–	–
$50,000 to $59,999	1 366	1 267	–	7	91	90	–	1	–
$60,000 to $69,999	1 497	1 358	–	11	128	123	6	–	–
$70,000 to $79,999	1 177	1 039	7	13	118	118	–	–	–
$80,000 to $99,999	1 973	1 662	5	11	295	287	7	–	–
$100,000 to $119,999	1 021	855	2	2	162	162	–	–	–
$120,000 to $149,999	1 073	828	9	8	227	223	–	4	–
$150,000 to $199,999	1 285	1 029	5	7	244	239	4	1	–
$200,000 to $249,999	727	591	7	6	124	124	–	–	–
$250,000 to $299,999	425	340	7	5	73	73	–	–	–
$300,000 or more	790	634	13	9	134	129	4	–	–
Time shared units	11	7	–	–	4	4	–	–	–
Median	**77 769**	**74 315**	**125 855**	**79 283**	**103 210**	**109 014**	**14 895**	**...**	**...**

SECTION A. **1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS**

Table 1B-7. **Financial Characteristics—All Housing Units—In Central Cities**—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
OWNER HOUSING UNITS—Con.									
Other Activities on Property[3]									
Commercial establishment	162	137	–	2	23	19	–	4	–
Medical or dental office	106	97	–	1	9	9	–	–	–
Neither	14 896	12 869	78	96	1 853	1 736	111	5	1

[1]Rent asked for vacant units.
[2]Sales price for units that are for sale; purchase price for units sold but not yet occupied.
[3]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1C-1. Introductory Characteristics—All Housing Units—Suburbs

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**47 686**	**34 740**	**412**	**99**	**12 435**	**10 602**	**1 676**	**113**	**44**
Occupancy Status									
Vacant and URE	4 191	2 780	49	11	1 351	1 036	296	18	1
Occupied	43 495	31 960	363	88	11 084	9 565	1 380	96	43
Tenure									
Owner occupied	31 382	23 240	117	58	7 966	6 879	1 054	28	5
Percent of all occupied	72.2	72.7	32.4	65.4	71.9	71.9	76.3	29.4	11.9
Renter occupied	12 113	8 720	245	31	3 118	2 686	326	68	38
Units in Structure									
1, detached	31 240	25 296	–	64	5 880	5 681	96	67	36
1, attached	2 931	1 775	–	1	1 155	1 143	6	6	–
2 to 4	3 467	2 491	401	17	558	531	–	23	3
5 to 9	2 007	1 359	9	6	633	623	–	10	–
10 to 19	2 095	1 264	–	6	825	820	–	1	4
20 to 49	1 327	889	2	–	436	433	–	3	–
50 or more	1 229	880	–	5	345	340	–	4	–
Mobile home or trailer	3 390	786	–	1	2 604	1 030	1 573	–	–
Cooperatives and Condominiums									
Cooperatives	213	166	1	–	47	31	16	–	–
Condominiums	2 717	1 554	2	5	1 156	1 154	2	–	–
Year Structure Built[1]									
1990 to 1994	1 458	–	–	–	1 458	1 458	–	–	–
1985 to 1989	5 275	–	–	–	5 275	5 275	–	–	–
1980 to 1984	4 131	222	–	–	3 909	3 868	36	–	4
1975 to 1979	5 996	5 326	17	7	646	–	600	30	16
1970 to 1974	5 759	5 157	21	9	573	–	549	5	19
1960 to 1969	8 446	7 996	43	12	396	–	381	10	5
1950 to 1959	6 939	6 727	118	11	83	–	70	13	–
1940 to 1949	3 328	3 235	48	17	28	–	22	7	–
1930 to 1939	2 155	1 954	144	39	18	–	6	12	–
1920 to 1929	1 547	1 525	11	–	11	–	2	9	–
1919 or earlier	2 653	2 599	11	4	38	–	11	27	–
Median	**1968**	**1962**	**1948**	**1944**	**1985**	**1986**	**1973**	**1951**	**...**
Suitability for Year-Round Use[2]									
Built and heated for year-round use	47 494	34 579	412	99	12 404	10 587	1 660	113	44
Not suitable	170	145	–	–	25	10	15	–	–
Not reported	21	16	–	–	5	5	–	–	–
Time Sharing									
URE owner, sold, not yet occupied, and vacant for sale units	991	635	–	–	355	297	58	–	–
Ownership time-shared	5	3	–	–	2	2	–	–	–
Not time-shared	986	633	–	–	353	295	58	–	–
Not reported	–	–	–	–	–	–	–	–	–
Duration of Vacancy									
Vacant units	3 742	2 492	43	11	1 196	912	266	18	1
Less than 1 month vacant	899	660	12	8	219	187	29	3	1
1 month up to 2 months	221	167	3	–	51	40	11	–	–
2 months up to 6 months	865	567	4	–	294	205	83	6	–
6 months up to 1 year	488	340	4	–	144	117	27	–	–
1 year up to 2 years	243	169	4	2	67	47	20	1	–
2 years or more	437	329	11	1	96	50	40	6	–
Never occupied	197	41	–	–	156	147	9	–	–
Don't know	392	218	6	–	168	121	45	2	–
Last Used as a Permanent Residence									
Vacant seasonal and URE units	1 103	709	6	2	387	268	118	–	–
Less than 1 month since occupied as permanent home	25	18	–	–	7	7	–	–	–
1 month up to 2 months	13	5	–	–	9	–	9	–	–
2 months up to 6 months	30	21	–	–	10	7	3	–	–
6 months up to 1 year	47	20	2	–	25	22	3	–	–
1 year up to 2 years	30	13	–	–	17	9	8	–	–
2 years or more	164	120	–	2	42	20	22	–	–
Never occupied as permanent home	583	396	–	–	188	136	51	–	–
Don't know	175	85	4	–	86	66	20	–	–
Not reported	36	32	–	–	4	3	2	–	–
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	47 686	34 740	412	99	12 435	10 602	1 676	113	44
In central cities	...	...	...	...	...	...	...	...	...
Suburbs	47 686	34 740	412	99	12 435	10 602	1 676	113	44
Outside metropolitan statistical areas	...	...	...	...	...	...	...	...	...
Regions									
Northeast	11 300	9 288	173	48	1 791	1 539	212	33	7
Midwest	10 074	8 143	93	19	1 819	1 660	143	13	3
South	16 073	9 990	70	12	6 002	4 926	1 021	50	4
West	10 238	7 319	76	20	2 823	2 477	301	17	29

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1C-1. Introductory Characteristics—All Housing Units—Suburbs—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Urbanized Areas									
Inside urbanized areas	31 288	24 707	257	66	6 259	5 758	436	34	31
In central cities of (P)MSA's	...	...	...	...	...	...	...	...	...
Urban fringe	31 288	24 707	257	66	6 259	5 758	436	34	31
Outside urbanized areas	16 397	10 034	155	33	6 176	4 844	1 240	80	13
Other urban	3 921	2 800	55	17	1 050	949	87	14	–
Rural	12 476	7 234	100	16	5 126	3 895	1 153	66	13
Place Size[3]									
Less than 2,500 persons	1 921	1 601	29	5	286	188	88	10	–
2,500 to 9,999 persons	6 591	5 471	93	19	1 008	856	146	5	–
10,000 to 19,999 persons	6 325	5 308	62	24	931	808	106	13	4
20,000 to 49,999 persons	8 536	7 098	96	21	1 320	1 247	59	14	–
50,000 to 99,999 persons	4 343	3 696	18	7	622	546	43	10	24
100,000 to 249,999 persons	1 254	1 030	7	4	213	204	9	1	–
250,000 to 499,999 persons	6	2	–	–	5	5	–	–	–
500,000 to 999,999 persons	8	6	–	–	2	2	–	–	–
1,000,000 persons or more	–	–	–	–	–	–	–	–	–

[1]For mobile home, oldest category is 1939 or earlier.
[2]If occupied year-round, assumed to be suitable for year-round use.
[3]Figures will not add to total, because all units are not in Places.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1C-2. Height and Condition of Building—All Housing Units—Suburbs

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**47 686**	**34 740**	**412**	**99**	**12 435**	**10 602**	**1 676**	**113**	**44**
Stories in Structure									
1	1 076	710	67	8	292	282	–	6	3
2	4 141	2 580	168	9	1 384	1 375	–	5	4
3	3 151	2 231	150	7	763	742	–	21	–
4 to 6	1 258	972	21	7	257	249	–	9	–
7 or more	486	384	–	2	100	100	–	–	–
Not reported	11	6	6	–	–	–	–	–	–
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	9 037	6 167	340	26	2 504	2 466	–	34	4
None (on same floor)	3 339	2 178	185	14	962	952	–	9	–
1 (up or down)	2 620	1 849	104	7	660	649	–	6	4
2 or more (up or down)	2 035	1 421	10	5	600	588	–	12	–
Not reported	1 042	718	40	–	283	276	–	7	–
Common Stairways									
Multiunits, 2 or more floors	9 037	6 167	340	26	2 504	2 466	–	34	4
No common stairways	1 886	1 205	180	8	492	482	–	10	–
With common stairways	6 164	4 285	118	18	1 744	1 721	–	19	4
No loose steps	5 811	4 035	99	17	1 660	1 638	–	18	4
Railings not loose	5 351	3 706	80	17	1 548	1 525	–	18	4
Railings loose	169	116	–	–	52	52	–	–	–
No railings	225	168	17	–	40	40	–	–	–
Status of railings not reported	66	44	2	–	20	20	–	–	–
Loose steps	340	238	19	–	82	81	–	1	–
Railings not loose	254	167	9	–	78	78	–	–	–
Railings loose	52	42	7	–	1	1	–	–	–
No railings	22	21	1	–	1	–	–	1	–
Status of railings not reported	12	9	1	–	2	2	–	–	–
Status of steps not reported	14	12	–	–	2	2	–	–	–
Status of stairways not reported	986	677	41	–	268	262	–	6	–
Light Fixtures in Public Halls									
2 or more units in structure	10 113	6 877	407	34	2 796	2 748	–	41	7
No public halls	3 902	2 439	304	14	1 144	1 119	–	18	7
No light fixtures in public halls	25	22	–	–	3	2	–	1	–
All in working order	3 479	2 481	31	11	956	947	–	9	–
Some in working order	126	112	4	1	9	9	–	–	–
None in working order	11	8	2	–	–	–	–	–	–
Unable to determine if working	1 406	1 005	20	6	374	366	–	8	–
Not reported	1 163	809	44	–	310	304	–	6	–
Elevator on Floor									
Multiunits, 2 or more floors	9 037	6 167	340	26	2 504	2 466	–	34	4
With 1 or more elevators working	1 181	834	–	5	343	343	–	–	–
With elevator, none in working condition	65	48	–	–	17	17	–	–	–
No elevator	6 784	4 586	299	21	1 878	1 845	–	29	4
Units 3 or more floors from main entrance	235	160	–	2	72	65	–	7	–
Not reported	1 006	699	40	–	266	261	–	6	–
Foundation									
1 unit bldg. excl. mobile homes	34 171	27 072	–	65	7 035	6 824	102	73	36
With basement under all of building	12 283	10 219	–	26	2 038	1 989	30	9	10
With basement under part of building	4 032	3 481	–	18	533	529	2	–	2
With crawl space	7 367	6 201	–	9	1 156	1 087	45	24	–
On concrete slab	9 777	6 610	–	9	3 158	3 099	25	33	–
Other	680	560	–	2	117	113	–	4	–
Not reported	33	–	–	–	33	7	–	2	24
External Building Conditions[1]									
Sagging roof	12	12	–	–	–	–	–	–	–
Missing roofing material	25	20	3	–	2	2	–	–	–
Hole in roof	5	5	–	–	–	–	–	–	–
Could not see roof	745	615	17	–	113	112	–	1	–
Missing bricks, siding, other outside wall material	76	64	8	–	4	4	–	–	–
Sloping outside walls	5	4	–	–	–	–	–	–	–
Boarded up windows	20	20	–	–	–	–	–	–	–
Broken windows	52	47	2	3	–	–	–	–	–
Bars on windows	46	36	5	–	5	5	–	–	–
Foundation crumbling or has open crack or hole	59	50	3	1	4	4	–	–	–
Could not see foundation	272	225	7	–	40	40	–	–	–
None of the above	7 750	5 120	319	30	2 280	2 239	–	34	7
Could not observe or not reported	1 433	990	53	–	389	383	–	7	–
Site Placement									
Mobile homes	3 390	786	–	1	2 604	1 030	1 573	–	–
First site	1 821	494	–	–	1 327	725	602	–	–
Moved from another site	880	131	–	–	749	221	528	–	–
Don't know	598	142	–	–	456	59	397	–	–
Not reported	91	20	–	–	71	24	47	–	–

[1]Figures may not add to total because more than one category may apply.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1C-3. Size of Unit and Lot—All Housing Units—Suburbs

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**47 686**	**34 740**	**412**	**99**	**12 435**	**10 602**	**1 676**	**113**	**44**
Rooms									
1 room	201	135	17	–	49	9	9	7	24
2 rooms	307	217	27	4	59	37	12	11	–
3 rooms	3 311	2 337	100	5	869	698	133	29	10
4 rooms	8 560	5 474	101	18	2 967	2 153	784	30	–
5 rooms	10 476	7 579	79	5	2 813	2 318	485	7	3
6 rooms	9 912	7 616	48	22	2 227	2 035	169	15	7
7 rooms	6 852	5 429	22	12	1 388	1 345	43	–	–
8 rooms	4 590	3 421	10	17	1 142	1 112	23	7	–
9 rooms	2 034	1 499	4	4	527	510	17	–	–
10 rooms or more	1 443	1 034	4	12	393	384	1	7	–
Median	**5.6**	**5.7**	**4.1**	**6.3**	**5.3**	**5.5**	**4.4**	**3.8**	**...**
Bedrooms									
None	361	267	23	–	70	20	12	14	24
1	4 815	3 389	154	14	1 258	1 014	190	45	10
2	14 446	9 897	147	19	4 383	3 397	962	23	–
3	19 748	14 810	75	33	4 831	4 320	484	16	10
4 or more	8 316	6 377	14	33	1 893	1 851	27	15	–
Median	**2.7**	**2.8**	**1.7**	**3.0**	**2.6**	**2.7**	**2.2**	**1.4**	**...**
Complete Bathrooms									
None	239	187	5	1	46	18	16	12	–
1	18 825	15 118	339	31	3 337	2 227	1 000	76	34
1 and one-half	7 976	6 598	27	11	1 340	1 086	254	–	–
2 or more	20 646	12 836	42	56	7 713	7 271	406	26	10
Square Footage of Unit									
Single detached and mobile homes	34 630	26 082	–	64	8 483	6 712	1 669	67	36
Less than 500	485	272	–	–	213	40	166	4	2
500 to 749	1 420	897	–	–	522	67	450	6	–
750 to 999	2 843	1 802	–	3	1 039	515	510	14	–
1,000 to 1,499	7 535	5 819	–	8	1 708	1 421	269	15	3
1,500 to 1,999	7 176	5 698	–	11	1 467	1 421	46	–	–
2,000 to 2,499	5 305	4 205	–	3	1 096	1 052	37	–	7
2,500 to 2,999	2 935	2 291	–	3	641	627	5	10	–
3,000 to 3,999	2 801	2 136	–	5	661	647	13	–	–
4,000 or more	1 519	1 139	–	3	377	367	7	4	–
Not reported (includes don't know)	2 611	1 823	–	29	758	555	166	14	24
Median	**1 760**	**1 793**	**...**	**1 841**	**1 630**	**1 864**	**817**	**1 080**	**...**
Lot Size									
Less than one-eighth acre	3 183	2 316	–	11	855	603	253	–	–
One-eighth up to one-quarter acre	6 811	5 508	–	11	1 292	1 188	101	3	–
One-quarter up to one-half acre	5 866	4 518	–	10	1 338	1 251	87	–	–
One-half up to one acre	4 215	3 200	–	6	1 009	857	142	10	–
1 to 4 acres	5 188	3 606	–	11	1 571	1 290	261	17	3
5 to 9 acres	835	504	–	1	330	231	92	–	7
10 acres or more	1 178	848	–	1	329	261	59	7	2
Don't know	7 963	5 983	–	13	1 967	1 515	433	20	–
Not reported	964	494	–	–	470	396	45	5	24
Median	**.41**	**.38**	**...**	**.34**	**.48**	**.46**	**.70**	**2.21**	**...**

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1C-4. Selected Equipment and Plumbing—All Housing Units—Suburbs

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**47 686**	**34 740**	**412**	**99**	**12 435**	**10 602**	**1 676**	**113**	**44**
Equipment[1]									
Lacking complete kitchen facilities	1 141	771	27	–	343	254	50	13	26
With complete kitchen (sink, refrigerator and burners)	46 545	33 970	385	99	12 092	10 348	1 626	101	18
Kitchen Sink	47 449	34 608	399	99	12 343	10 551	1 666	106	20
Refrigerator	46 812	34 146	396	99	12 171	10 414	1 632	105	20
Less than 5 years old	17 229	11 132	144	39	5 915	5 373	498	41	3
Age not reported	1 057	695	9	2	350	298	48	4	–
Burners and oven	47 097	34 309	394	99	12 295	10 530	1 644	104	18
Less than 5 years old	14 090	8 124	110	31	5 825	5 438	344	40	3
Age not reported	1 226	783	9	1	434	364	66	2	1
Burners only	49	36	–	–	13	7	6	–	–
Less than 5 years old	17	10	–	–	6	5	2	–	–
Age not reported	11	11	–	–	–	–	–	–	–
Oven only	41	23	5	–	13	8	2	1	2
Less than 5 years old	13	7	2	–	3	2	–	1	–
Age not reported	4	4	–	–	–	–	–	–	–
Neither burners nor oven	499	372	13	–	114	57	24	9	24
Dishwasher	28 459	19 067	109	43	9 241	8 834	356	37	13
Less than 5 years old	11 151	6 095	29	17	5 010	4 871	102	34	3
Age not reported	738	410	6	–	322	315	6	–	–
Washing machine	37 216	26 968	213	77	9 958	8 818	1 079	51	10
Less than 5 years old	14 076	9 085	99	27	4 865	4 428	404	31	3
Age not reported	520	334	2	–	184	169	14	–	–
Clothes dryer	35 034	25 164	192	65	9 612	8 629	923	51	10
Less than 5 years old	11 984	7 336	59	19	4 570	4 237	305	26	3
Age not reported	471	302	2	–	167	142	25	–	–
Disposal in kitchen sink	22 654	15 023	56	31	7 545	7 341	180	16	7
Less than 5 years old	9 395	4 985	18	17	4 375	4 297	63	16	–
Age not reported	963	645	2	–	316	304	11	–	–
Air conditioning:									
Central	23 476	14 608	56	16	8 796	8 157	584	29	26
1 room unit	7 329	6 039	105	21	1 165	644	479	40	1
2 room units	3 225	2 791	25	13	396	219	171	1	4
3 room units or more	1 279	1 204	16	8	50	32	16	2	–
Main Heating Equipment									
Warm-air furnace	26 772	19 225	189	37	7 321	6 253	1 025	19	24
Steam or hot water system	6 254	5 596	112	40	506	470	11	18	7
Electric heat pump	4 829	2 336	14	3	2 475	2 351	115	8	–
Built-in electric units	3 320	2 350	31	2	936	839	80	13	4
Floor, wall, or other built-in hot air units without ducts	1 940	1 769	22	2	147	93	47	4	3
Room heaters with flue	969	825	6	5	133	42	78	9	5
Room heaters without flue	617	514	2	2	99	23	69	8	–
Portable electric heaters	438	298	6	–	135	31	97	6	–
Stoves	977	686	11	2	279	189	73	17	–
Fireplaces with inserts	273	196	2	–	75	75	–	–	–
Fireplaces without inserts	275	202	–	3	70	63	7	–	–
Other	435	305	4	2	124	89	34	2	–
None	586	437	12	2	135	85	41	9	–
Other Heating Equipment									
With other heating equipment[1]	14 020	10 207	79	27	3 708	3 321	366	13	7
Warm-air furnace	664	402	4	3	255	174	71	10	–
Steam or hot water system	58	53	–	–	6	6	–	–	–
Electric heat pump	177	117	1	1	58	52	5	–	–
Built-in electric units	1 047	862	12	6	168	154	14	–	–
Floor, wall, or other built-in hot-air units without ducts	199	173	2	1	23	21	2	–	–
Room heaters with flue	388	296	9	–	83	59	24	–	–
Room heaters without flue	801	644	3	2	151	101	49	1	–
Portable electric heaters	2 625	2 192	18	6	408	305	101	2	–
Stoves	1 567	1 233	10	3	320	251	69	–	–
Fireplaces with inserts	2 153	1 494	4	5	650	624	18	–	7
Fireplaces with no inserts	5 695	3 875	23	7	1 790	1 762	28	–	–
Other	373	279	1	1	92	81	10	–	–
Plumbing[2]									
With all plumbing facilities	46 542	33 942	396	96	12 108	10 357	1 613	102	36
Lacking some plumbing facilities[1]	90	76	2	–	12	6	4	3	–
No hot piped water	25	20	–	–	5	2	–	3	–
No bathtub nor shower	74	66	2	–	7	4	–	3	–
No flush toilet	26	21	–	–	5	2	4	–	–
No plumbing facilities for exclusive use	1 054	722	14	3	314	239	60	9	7
Source of Water									
Public system or private company	40 729	29 940	347	89	10 354	9 125	1 110	83	35
Well serving 1 to 5 units	6 186	4 233	49	8	1 895	1 353	509	26	7
Drilled	5 411	3 663	43	6	1 698	1 237	435	26	–
Dug	510	376	5	1	129	78	44	–	7
Not reported	265	194	1	2	68	37	30	–	–
Other	772	567	16	3	186	124	57	4	1

SECTION A. **1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS**

Table 1C-4. **Selected Equipment and Plumbing—All Housing Units—Suburbs**—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Means of Sewage Disposal									
Public sewer	35 697	26 528	276	85	8 809	8 046	677	55	31
Septic tank, cesspool, chemical toilet	11 914	8 150	136	14	3 613	2 552	994	55	13
Other	75	63	–	–	12	3	5	4	–

[1]Figures may not add to total because more than one category may apply to a unit.
[2]Data not up to publication standards; see "Qualifications of the Data" section in the Introduction.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1C-5. Fuels—All Housing Units—Suburbs

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**47 686**	**34 740**	**412**	**99**	**12 435**	**10 602**	**1 676**	**113**	**44**
Main House Heating Fuel									
Housing units with heating fuel	47 100	34 304	400	97	12 299	10 517	1 635	104	44
Electricity	13 447	7 617	74	8	5 748	5 136	574	34	4
Piped gas	23 859	18 975	201	48	4 634	4 153	414	37	29
Bottled gas	1 534	862	5	3	664	376	276	1	10
Fuel oil	5 846	5 188	104	30	524	393	119	12	–
Kerosene or other liquid fuel	455	254	–	4	197	57	139	–	–
Coal or coke	145	116	–	–	30	20	9	1	–
Wood	1 659	1 198	15	4	443	346	81	16	–
Solar energy	13	8	–	–	5	5	–	–	–
Other	142	87	–	–	55	30	22	3	–
Other House Heating Fuels									
With other heating fuels[1]	8 411	6 294	49	23	2 046	1 735	293	11	7
Electricity	2 474	1 979	17	13	465	340	116	10	–
Piped gas	367	260	2	1	104	83	21	–	–
Bottled gas	176	116	2	–	58	40	19	–	–
Fuel oil	249	216	2	1	31	23	6	1	–
Kerosene or other liquid fuel	657	515	8	1	134	96	37	–	–
Coal or coke	121	99	2	–	21	19	2	–	–
Wood	4 526	3 262	15	8	1 241	1 144	90	–	7
Solar energy	109	83	2	–	23	14	10	–	–
Other	146	108	–	–	38	33	5	–	–
Not reported	379	231	2	–	146	112	35	–	–
Cooking Fuel									
With cooking fuel	47 179	34 366	399	99	12 315	10 545	1 646	104	20
Electricity	29 250	20 341	224	48	8 637	7 809	753	61	14
Gas	17 714	13 890	175	51	3 598	2 709	840	44	6
Kerosene or other liquid fuel	114	75	–	–	39	8	32	–	–
Coal or coke	2	2	–	–	–	–	–	–	–
Wood	20	19	–	–	1	1	–	–	–
Other	79	40	–	–	39	18	21	–	–
Water Heating Fuel									
With hot piped water	47 570	34 649	409	99	12 413	10 595	1 670	104	44
Electricity	18 168	11 332	131	16	6 689	5 561	1 064	59	4
Gas	26 024	20 417	215	62	5 331	4 703	546	42	40
Fuel oil	2 908	2 565	63	20	260	225	32	3	–
Kerosene or other liquid fuel	89	48	–	–	41	20	21	–	–
Coal or coke	16	10	–	–	6	6	–	–	–
Wood	23	18	–	1	4	4	–	–	–
Solar energy	175	149	–	1	26	26	–	–	–
Other	166	111	–	–	56	49	6	–	–
Central Air Conditioning Fuel									
With central air conditioning	23 476	14 608	56	16	8 796	8 157	584	29	26
Electricity	21 899	13 464	56	14	8 365	7 752	557	29	26
Gas	1 482	1 069	–	3	410	390	21	–	–
Other	95	75	–	–	21	15	6	–	–
Clother Dryer Fuel									
With clothes dryer	35 034	25 164	192	65	9 612	8 629	923	51	10
Electricity	25 670	17 622	136	45	7 868	6 976	848	43	–
Gas	9 329	7 516	56	20	1 737	1 644	74	8	10
Other	35	27	–	–	8	8	–	–	–

[1]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1C-6. Housing and Neighborhood Quality—All Housing Units—Suburbs

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**47 686**	**34 740**	**412**	**99**	**12 435**	**10 602**	**1 676**	**113**	**44**
Selected Amenities[1]									
Porch, deck, balcony, or patio	38 277	27 472	268	69	10 468	9 259	1 123	60	26
Not reported	99	72	1	–	25	19	6	–	–
Usable fireplace	17 563	12 295	64	28	5 176	5 049	103	17	7
Separate dining room	22 926	17 110	117	48	5 652	5 319	293	32	7
With 2 or more living rooms or recreation rooms, etc.	17 300	13 142	70	44	4 045	3 824	201	20	–
Garage or carport included with home	29 679	22 294	140	54	7 190	6 775	367	35	13
Not included	16 718	11 608	256	42	4 812	3 523	1 192	67	30
Offstreet parking included	14 436	9 797	197	32	4 409	3 262	1 063	54	30
Offstreet parking not reported	130	102	2	–	26	13	13	1	–
Garage or carport not reported	137	72	–	–	66	64	2	–	–
Owner or Manager on Property									
Rental, multiunit[2]	10 125	6 883	412	34	2 796	2 748	–	41	7
Owner or manager lives on property	3 422	2 254	110	8	1 050	1 019	–	23	7
Neither owner nor manager lives on property	4 596	3 274	146	13	1 163	1 148	–	15	–
Not reported	2 106	1 354	156	12	584	581	–	2	–
Selected Deficiencies[1]									
Holes in floors	422	317	9	2	93	36	54	3	–
Open cracks or holes (interior)	1 843	1 502	28	3	310	197	104	9	–
Broken plaster or peeling paint (interior)	1 401	1 215	22	5	159	107	49	3	–
No electrical wiring	24	17	–	–	7	7	–	–	–
Exposed wiring	579	471	13	1	95	57	29	6	4
Rooms without electric outlets	660	532	6	1	122	68	48	6	–
Description of Area Within 300 Feet[1]									
Single-family detached houses	3 227	2 356	305	24	542	521	–	21	–
Only single-family detached	–	–	–	–	–	–	–	–	–
Single-family attached or 1 to 3 story multiunit	6 844	4 690	120	16	2 019	1 994	–	17	7
4 to 6 story multiunit	990	764	–	5	221	220	–	1	–
7 stories or more multiunit	388	332	–	2	54	53	–	1	–
Mobile homes	110	70	17	–	23	23	–	–	–
Commercial, institutional, or industrial	2 367	1 800	115	18	434	420	–	14	–
Residential parking lots	3 073	2 014	17	10	1 031	1 021	–	6	3
Body of water	616	393	15	1	207	203	–	4	–
Open space, park, farm, or ranch	1 957	1 161	93	13	690	683	–	7	–
4+ lane highway, railroad, or airport	1 153	813	48	6	286	283	–	3	–
Other	422	291	33	3	95	95	–	–	–
Not observed or not reported	1 150	791	47	–	312	306	–	6	–
Age of Other Residential Buildings Within 300 Feet									
Older	500	272	2	2	223	220	–	–	3
About the same	6 760	4 536	258	21	1 945	1 915	–	26	4
Newer	249	203	16	2	28	26	–	1	–
Very mixed	1 131	883	59	7	181	175	–	6	–
No other residential buildings	317	182	23	–	111	109	–	2	–
Not reported	1 157	801	47	–	308	302	–	6	–
Mobile Homes in Group									
Mobile homes	3 390	786	–	1	2 604	1 030	1 573	–	–
1 to 6	1 881	317	–	–	1 564	587	976	–	–
7 to 20	232	40	–	–	192	79	113	–	–
21 or more	1 272	429	–	–	843	364	479	–	–
Not reported	5	–	–	–	5	–	5	–	–
Other Buildings Vandalized or With Interior Exposed									
None	8 494	5 798	325	33	2 338	2 299	–	31	7
1 building	49	39	–	–	10	9	–	1	–
More than 1 building	93	75	3	–	16	15	–	1	–
No buildings within 300 feet	192	91	16	–	85	83	–	2	–
Not reported	1 285	874	63	–	348	342	–	6	–
Bars on Windows of Buildings									
With other buildings within 300 feet	8 637	5 912	327	33	2 363	2 323	–	33	7
No bars on windows	8 099	5 467	308	32	2 292	2 252	–	33	7
1 building with bars	170	128	11	1	29	29	–	–	–
2 or more buildings with bars	329	294	6	1	28	28	–	–	–
Not reported	40	23	2	–	14	14	–	–	–
Condition of Streets									
No repairs needed	7 300	4 811	275	28	2 185	2 154	–	24	7
Minor repairs needed	1 409	1 127	70	5	207	199	–	8	–
Major repairs needed	94	62	11	–	20	19	–	2	–
No streets within 300 feet	162	86	3	–	73	72	–	1	–
Not reported	1 148	790	47	–	310	305	–	6	–

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1C-6. Housing and Neighborhood Quality—All Housing Units—Suburbs—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Trash, Litter, or Junk on Streets or any Properties									
None	7 378	4 817	288	29	2 244	2 210	–	27	7
Minor accumulation	1 485	1 196	65	2	222	218	–	4	–
Major accumulation	87	65	4	–	18	14	–	4	–
Not reported	1 163	799	50	2	312	306	–	6	–

[1]Figures may not add to total because more than one category may apply to a unit.
[2]Two or more units of any tenure in the structure.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1C-7. Financial Characteristics—All Housing Units—Suburbs

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**47 686**	**34 740**	**412**	**99**	**12 435**	**10 602**	**1 676**	**113**	**44**
Monthly Housing Costs[1]									
Less than $100	601	391	4	2	204	101	101	1	–
$100 to $199	3 730	2 990	13	2	725	383	330	11	1
$200 to $249	2 280	1 825	28	–	427	281	138	6	2
$250 to $299	2 388	1 934	28	5	421	278	136	7	–
$300 to $349	2 366	1 886	31	6	444	278	162	4	–
$350 to $399	2 236	1 759	20	8	449	287	157	1	4
$400 to $449	2 351	1 840	26	4	482	391	79	12	–
$450 to $499	2 316	1 778	16	3	519	448	66	5	–
$500 to $599	4 185	3 128	38	9	1 010	908	79	18	5
$600 to $699	3 709	2 730	43	13	923	881	21	–	20
$700 to $799	2 902	2 115	15	10	761	747	9	5	–
$800 to $999	4 250	3 014	38	8	1 191	1 159	30	1	–
$1,000 to $1,249	2 933	1 872	21	7	1 033	1 011	16	3	4
$1,250 to $1,499	1 724	1 094	20	3	608	605	3	–	–
$1,500 or more	2 905	1 727	7	7	1 164	1 154	10	–	–
No cash rent	837	640	26	1	170	102	44	17	7
Mortgage payment not reported	2 896	2 038	17	6	835	799	28	8	–
Median (excludes no cash rent)	**552**	**520**	**522**	**630**	**654**	**729**	**287**	**432**	**...**
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	**595**	**549**	**683**	**...**	**779**	**893**	**245**	**...**	**...**
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	**304**	**258**	**317**	**...**	**501**	**602**	**100-**	**...**	**...**
OWNER HOUSING UNITS									
Total	**32 372**	**23 876**	**117**	**58**	**8 321**	**7 177**	**1 111**	**28**	**5**
Average Monthly Cost Paid for Real Estate Taxes									
Less than $25	4 584	2 755	6	6	1 816	1 026	788	–	2
$25 to $49	4 432	3 401	14	9	1 007	838	156	13	–
$50 to $74	4 244	3 322	10	1	911	846	65	–	–
$75 to $99	3 484	2 645	20	7	812	783	30	–	–
$100 to $149	5 780	4 410	16	8	1 346	1 299	37	7	3
$150 to $199	3 724	2 906	15	7	796	770	26	–	–
$200 or more	6 124	4 436	36	20	1 632	1 614	10	8	–
Median	**96**	**98**	**127**	**...**	**88**	**104**	**25-**	**...**	**...**
Annual Taxes Paid Per $1,000 Value									
Less than $5	4 907	3 517	16	5	1 368	969	381	18	–
$5 to $9	8 654	6 272	15	16	2 351	2 187	161	3	–
$10 to $14	7 980	5 862	14	10	2 095	1 964	118	7	5
$15 to $19	4 212	3 209	20	9	974	905	69	–	–
$20 to $24	2 755	2 110	8	7	630	570	60	–	–
$25 or more	3 863	2 905	44	11	903	581	322	–	–
Median	**12**	**12**	**18**	**...**	**11**	**11**	**11**	**...**	**...**
Condominium and Cooperative Fee									
Fee paid by owners	1 645	960	–	2	682	682	–	–	–
Less than $25 per month	22	12	–	–	10	10	–	–	–
$25 to $49	58	40	–	–	17	17	–	–	–
$50 to $74	114	44	–	–	70	70	–	–	–
$75 to $99	274	135	–	–	139	139	–	–	–
$100 to $149	518	275	–	–	243	243	–	–	–
$150 to $199	263	183	–	–	80	80	–	–	–
$200 or more per month	305	229	–	–	76	76	–	–	–
Not reported	91	43	–	2	46	46	–	–	–
Median	**130**	**142**	**...**	**...**	**117**	**117**	**...**	**...**	**...**
Other Housing Costs Per Month									
Homeowner association fee paid	1 459	843	–	–	616	616	–	–	–
Median	**128**	**139**	**...**	**...**	**116**	**116**	**...**	**...**	**...**
Mobile home park fee paid	129	49	–	–	80	33	47	–	–
Median	**42**	**...**	**...**	**...**	**43**	**...**	**...**	**...**	**...**
Land rent fee paid	77	47	2	–	28	12	16	–	–
Median	**75**	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**
Value[2]									
Less than $10,000	1 032	361	–	–	670	181	486	–	2
$10,000 to $19,999	1 100	436	3	–	661	393	268	–	–
$20,000 to $29,999	948	560	6	1	381	239	141	–	–
$30,000 to $39,999	1 160	936	6	4	213	157	56	–	–
$40,000 to $49,999	1 488	1 287	18	3	180	157	23	–	–
$50,000 to $59,999	1 802	1 492	7	5	299	267	29	3	–
$60,000 to $69,999	2 416	1 993	12	3	408	366	42	–	–
$70,000 to $79,999	2 286	1 860	2	3	420	401	19	–	–
$80,000 to $99,999	4 365	3 391	18	5	952	928	14	10	–
$100,000 to $119,999	2 741	2 045	9	2	685	681	4	–	–
$120,000 to $149,999	3 373	2 405	7	7	954	938	13	–	3
$150,000 to $199,999	4 116	3 123	16	10	967	958	8	1	–
$200,000 to $249,999	2 072	1 529	6	8	528	528	–	–	–
$250,000 to $299,999	1 181	869	5	2	306	306	–	–	–
$300,000 or more	2 287	1 586	2	5	695	673	7	15	–
Time shared units	19	9	–	–	10	9	1	–	–
Median	**98 108**	**97 762**	**84 485**	**...**	**99 472**	**114 607**	**12 576**	**...**	**...**

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1C-7. Financial Characteristics—All Housing Units—Suburbs—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
OWNER HOUSING UNITS—Con.									
Other Activities on Property[3]									
Commercial establishment	367	282	–	1	84	64	20	–	–
Medical or dental office	56	43	–	–	13	13	–	–	–
Neither	31 969	23 563	117	57	8 231	7 107	1 091	28	5

[1]Rent asked for vacant units.
[2]Sales price for units that are for sale; purchase price for units sold but not yet occupied.
[3]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1D-1. Introductory Characteristics—All Housing Units—Outside Metropolitan Statistical Areas

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	**24 742**	**18 318**	**157**	**57**	**6 210**	**3 926**	**2 044**	**197**	**44**
Occupancy Status									
Vacant and URE	4 031	2 812	21	9	1 189	643	517	23	5
Occupied	20 712	15 506	135	49	5 022	3 283	1 527	173	39
Tenure									
Owner occupied	15 465	11 588	26	35	3 816	2 602	1 116	97	1
Percent of all occupied	74.7	74.7	18.9	72.0	76.0	79.3	73.1	56.2	1.7
Renter occupied	5 247	3 918	110	14	1 206	681	411	76	39
Units in Structure									
1, detached	17 604	15 384	–	39	2 181	1 943	72	160	7
1, attached	536	393	–	2	141	132	–	5	4
2 to 4	1 502	1 076	148	12	265	242	1	13	10
5 to 9	537	354	8	1	173	168	–	6	–
10 to 19	322	237	–	3	82	71	–	5	6
20 to 49	262	170	–	–	92	71	–	4	17
50 or more	210	154	–	–	57	52	–	4	–
Mobile home or trailer	3 768	549	–	–	3 219	1 247	1 971	–	–
Cooperatives and Condominiums									
Cooperatives	36	10	–	–	27	15	8	–	4
Condominiums	434	257	–	–	177	173	2	–	2
Year Structure Built[1]									
1990 to 1994	506	–	–	–	506	506	–	–	–
1985 to 1989	1 555	–	–	–	1 555	1 555	–	–	–
1980 to 1984	1 971	64	–	–	1 907	1 865	42	–	–
1975 to 1979	3 332	2 498	7	4	823	–	723	81	18
1970 to 1974	2 963	2 298	–	1	665	–	653	12	–
1960 to 1969	3 396	2 900	10	3	484	–	452	16	17
1950 to 1959	2 831	2 668	7	4	152	–	135	15	2
1940 to 1949	1 904	1 833	15	15	41	–	26	15	–
1930 to 1939	1 813	1 648	108	27	30	–	8	20	1
1920 to 1929	1 242	1 207	–	–	35	–	5	30	–
1919 or earlier	3 228	3 202	9	4	14	–	1	7	6
Median	**1963**	**1955**	**1936**	**...**	**1982**	**1985**	**1973**	**1967**	**...**
Suitability for Year-Round Use[2]									
Built and heated for year-round use	24 103	17 813	155	54	6 081	3 894	1 951	192	44
Not suitable	595	465	–	3	126	31	91	5	–
Not reported	44	40	1	–	3	1	1	–	–
Time Sharing									
URE owner, sold, not yet occupied, and vacant for sale units	618	425	–	2	191	129	60	1	1
Ownership time-shared	5	5	–	–	–	–	–	–	–
Not time-shared	613	420	–	2	191	129	60	1	1
Not reported	–	–	–	–	–	–	–	–	–
Duration of Vacancy									
Vacant units	3 693	2 598	19	6	1 069	565	477	23	5
Less than 1 month vacant	1 044	683	6	3	352	230	112	6	4
1 month up to 2 months	231	162	–	–	69	43	26	–	–
2 months up to 6 months	550	405	3	1	142	57	78	6	–
6 months up to 1 year	242	198	4	–	41	18	23	–	–
1 year up to 2 years	219	167	5	–	47	9	37	1	–
2 years or more	711	560	1	2	148	41	98	8	1
Never occupied	177	54	–	–	122	91	31	–	–
Don't know	519	369	1	1	148	75	71	2	–
Last Used as a Permanent Residence									
Vacant seasonal and URE units	1 607	1 054	5	5	542	282	253	7	–
Less than 1 month since occupied as permanent home	36	16	2	–	18	7	11	–	–
1 month up to 2 months	3	2	–	–	1	1	–	–	–
2 months up to 6 months	32	23	–	–	9	1	7	–	–
6 months up to 1 year	12	9	–	–	3	–	3	–	–
1 year up to 2 years	20	12	2	–	6	6	–	–	–
2 years or more	244	197	–	1	45	6	39	–	–
Never occupied as permanent home	1 031	615	–	3	413	250	158	5	–
Don't know	195	151	–	1	44	8	33	2	–
Not reported	33	29	1	–	3	1	2	–	–
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	...	...	...	...	...	...	...	...	...
In central cities	...	...	...	...	...	...	...	...	...
Suburbs	...	...	...	...	...	...	...	...	...
Outside metropolitan statistical areas	24 742	18 318	157	57	6 210	3 926	2 044	197	44
Regions									
Northeast	3 072	2 307	52	10	703	435	235	25	9
Midwest	7 687	6 432	55	25	1 176	808	313	31	24
South	10 341	7 023	39	15	3 265	2 049	1 105	111	–
West	3 642	2 556	11	8	1 067	634	391	30	11

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1D-1. Introductory Characteristics—All Housing Units—Outside Metropolitan Statistical Areas—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Urbanized Areas									
Inside urbanized areas	...	...	...	...	...	...	...	...	...
In central cities of (P)MSA's	...	...	...	...	...	...	...	...	...
Urban fringe	683	540	6	8	130	95	25	10	–
Outside urbanized areas	24 059	17 778	151	49	6 081	3 831	2 019	187	44
Other urban	8 679	7 268	93	37	1 281	985	222	44	31
Rural	15 380	10 510	58	13	4 800	2 847	1 797	143	13
Place Size[3]									
Less than 2,500 persons	3 168	2 697	30	7	435	257	147	23	7
2,500 to 9,999 persons	3 892	3 221	57	19	596	410	156	28	2
10,000 to 19,999 persons	3 017	2 618	4	13	382	318	44	11	9
20,000 to 49,999 persons	2 268	1 891	37	12	328	251	47	10	20
50,000 to 99,999 persons	–	–	–	–	–	–	–	–	–
100,000 to 249,999 persons	–	–	–	–	–	–	–	–	–
250,000 to 499,999 persons	–	–	–	–	–	–	–	–	–
500,000 to 999,999 persons	–	–	–	–	–	–	–	–	–
1,000,000 persons or more	–	–	–	–	–	–	–	–	–

[1]For mobile home, oldest category is 1939 or earlier.
[2]If occupied year-round, assumed to be suitable for year-round use.
[3]Figures will not add to total, because all units are not in Places.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1D-2. Height and Condition of Building—All Housing Units—Outside Metropolitan Statistical Areas

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**24 742**	**18 318**	**157**	**57**	**6 210**	**3 926**	**2 044**	**197**	**44**
Stories in Structure									
1	615	422	25	4	164	139	–	10	15
2	1 110	732	37	1	340	324	1	14	1
3	812	639	81	10	82	81	–	1	–
4 to 6	227	147	11	1	68	44	–	7	17
7 or more	68	52	–	–	16	16	–	–	–
Not reported	2	–	2	–	–	–	–	–	–
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	2 217	1 570	130	12	506	465	1	22	18
None (on same floor)	903	616	63	7	217	208	1	8	–
1 (up or down)	660	503	39	2	115	110	–	2	2
2 or more (up or down)	370	238	15	2	116	88	–	11	16
Not reported	284	213	12	1	59	59	–	–	–
Common Stairways									
Multiunits, 2 or more floors	2 217	1 570	130	12	506	465	1	22	18
No common stairways	655	434	83	6	132	132	–	–	–
With common stairways	1 284	928	35	6	315	275	1	22	18
No loose steps	1 204	864	32	6	301	265	–	22	14
Railings not loose	1 053	752	18	6	277	242	–	20	14
Railings loose	47	35	3	–	10	9	–	–	–
No railings	89	68	12	–	10	8	–	2	–
Status of railings not reported	14	9	–	–	5	5	–	–	–
Loose steps	76	60	3	–	14	10	1	–	3
Railings not loose	52	37	3	–	12	8	–	–	3
Railings loose	16	15	–	–	2	2	–	–	–
No railings	8	8	–	–	–	–	–	–	–
Status of railings not reported	1	–	–	–	1	–	1	–	–
Status of steps not reported	5	5	–	–	–	–	–	–	–
Status of stairways not reported	278	207	12	–	59	59	–	–	–
Light Fixtures in Public Halls									
2 or more units in structure	2 832	1 991	154	16	670	604	1	32	33
No public halls	1 396	936	117	10	333	305	1	18	9
No light fixtures in public halls	8	8	–	–	–	–	–	–	–
All in working order	763	546	9	3	205	170	–	11	24
Some in working order	30	28	2	–	–	–	–	–	–
None in working order	7	4	3	–	–	–	–	–	–
Unable to determine if working	249	187	7	3	53	53	–	–	–
Not reported	378	283	16	–	79	77	–	3	–
Elevator on Floor									
Multiunits, 2 or more floors	2 217	1 570	130	12	506	465	1	22	18
With 1 or more elevators working	197	125	–	–	73	52	–	4	17
With elevator, none in working condition	4	–	–	–	4	4	–	–	–
No elevator	1 741	1 242	118	12	370	350	1	18	1
Units 3 or more floors from main entrance	44	30	–	–	14	14	–	–	–
Not reported	275	203	12	–	59	59	–	–	–
Foundation									
1 unit bldg. excl. mobile homes	18 141	15 777	–	41	2 322	2 075	72	165	11
With basement under all of building	5 323	4 638	–	22	662	640	8	12	2
With basement under part of building	2 829	2 664	–	7	158	137	4	18	–
With crawl space	6 566	5 691	–	10	864	748	40	71	6
On concrete slab	2 680	2 125	–	2	553	497	10	43	3
Other	743	659	–	–	83	53	10	20	–
Not reported	–	–	–	–	–	–	–	–	–
External Building Conditions[1]									
Sagging roof	30	24	1	3	2	1	–	1	–
Missing roofing material	21	14	4	–	3	3	–	–	–
Hole in roof	–	–	–	–	–	–	–	–	–
Could not see roof	144	108	8	–	27	19	–	8	–
Missing bricks, siding, other outside wall material	66	49	11	3	3	3	–	–	–
Sloping outside walls	16	15	–	–	1	–	–	1	–
Boarded up windows	4	2	2	–	–	–	–	–	–
Broken windows	26	24	3	–	–	–	–	–	–
Bars on windows	–	–	–	–	–	–	–	–	–
Foundation crumbling or has open crack or hole	69	63	4	–	2	–	1	1	–
Could not see foundation	58	39	6	–	13	8	–	4	–
None of the above	2 159	1 485	114	13	547	496	–	18	33
Could not observe or not reported	410	307	16	–	87	82	–	4	–
Site Placement									
Mobile homes	3 768	549	–	–	3 219	1 247	1 971	–	–
First site	1 702	285	–	–	1 416	837	579	–	–
Moved from another site	1 314	129	–	–	1 185	298	888	–	–
Don't know	610	110	–	–	500	82	418	–	–
Not reported	142	25	–	–	117	31	86	–	–

[1]Figures may not add to total because more than one category may apply.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1D-3. Size of Unit and Lot—All Housing Units—Outside Metropolitan Statistical Areas

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**24 742**	**18 318**	**157**	**57**	**6 210**	**3 926**	**2 044**	**197**	**44**
Rooms									
1 room	123	78	–	2	43	24	11	6	2
2 rooms	279	203	4	1	71	34	27	6	4
3 rooms	1 625	1 106	44	3	472	253	176	19	24
4 rooms	5 251	3 249	45	3	1 954	908	970	65	10
5 rooms	6 138	4 424	34	7	1 673	1 071	551	51	–
6 rooms	5 238	4 235	11	7	984	755	200	29	–
7 rooms	3 153	2 635	10	14	494	432	60	2	–
8 rooms	1 621	1 349	4	7	262	237	25	–	–
9 rooms	709	543	–	3	163	122	22	18	–
10 rooms or more	604	495	4	10	94	90	–	–	4
Median	**5.3**	**5.5**	**4.2**	**...**	**4.8**	**5.2**	**4.3**	**4.6**	**...**
Bedrooms									
None	205	142	4	2	56	34	11	9	2
1	2 164	1 519	63	4	578	316	207	25	31
2	8 570	5 870	54	14	2 632	1 325	1 195	102	9
3	10 494	8 026	24	16	2 429	1 784	583	61	–
4 or more	3 309	2 760	12	22	516	467	47	–	2
Median	**2.6**	**2.7**	**1.7**	**...**	**2.4**	**2.7**	**2.2**	**2.1**	**...**
Complete Bathrooms									
None	623	485	4	–	133	57	71	5	–
1	13 426	10 488	138	20	2 779	1 280	1 344	118	38
1 and one-half	3 729	2 950	6	4	769	483	259	25	2
2 or more	6 964	4 394	8	33	2 529	2 107	369	49	4
Square Footage of Unit									
Single detached and mobile homes	21 372	15 934	–	39	5 400	3 190	2 043	160	7
Less than 500	605	332	–	–	273	63	205	5	–
500 to 749	1 658	930	–	–	728	142	574	12	–
750 to 999	2 870	1 705	–	–	1 165	548	590	27	–
1,000 to 1,499	5 295	4 081	–	2	1 213	856	316	41	–
1,500 to 1,999	3 587	2 919	–	6	662	550	92	20	–
2,000 to 2,499	2 350	2 033	–	5	313	279	20	14	–
2,500 to 2,999	1 282	1 104	–	2	176	174	2	–	–
3,000 to 3,999	1 037	872	–	2	163	158	5	–	–
4,000 or more	652	509	–	4	140	116	16	6	2
Not reported (includes don't know)	2 034	1 449	–	19	567	305	223	35	5
Median	**1 428**	**1 533**	**...**	**...**	**1 103**	**1 403**	**806**	**1 221**	**...**
Lot Size									
Less than one-eighth acre	1 245	949	–	3	293	126	162	–	4
One-eighth up to one-quarter acre	2 570	2 208	–	9	354	212	107	34	–
One-quarter up to one-half acre	2 184	1 800	–	5	379	287	91	1	–
One-half up to one acre	2 222	1 671	–	3	548	389	150	8	2
1 to 4 acres	4 154	2 764	–	3	1 387	906	451	31	–
5 to 9 acres	755	497	–	1	257	181	75	–	–
10 acres or more	2 177	1 619	–	–	557	325	207	25	–
Don't know	3 971	3 036	–	15	920	496	369	50	4
Not reported	135	71	–	–	64	51	13	–	–
Median	**.87**	**.74**	**...**	**...**	**1.90**	**1.88**	**1.98**	**1.85**	**...**

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1D-4. Selected Equipment and Plumbing—All Housing Units—Outside Metropolitan Statistical Areas

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	**24 742**	**18 318**	**157**	**57**	**6 210**	**3 926**	**2 044**	**197**	**44**
Equipment[1]									
Lacking complete kitchen facilities	1 078	851	5	4	218	102	103	11	3
With complete kitchen (sink, refrigerator and burners)	23 665	17 467	152	53	5 992	3 824	1 941	186	41
Kitchen Sink	24 444	18 091	157	55	6 141	3 882	2 019	197	44
Refrigerator	23 909	17 656	153	53	6 047	3 856	1 961	186	43
Less than 5 years old	6 827	4 560	47	18	2 202	1 701	431	58	12
Age not reported	648	443	6	1	199	122	71	5	–
Burners and oven	24 083	17 773	153	53	6 104	3 869	2 006	189	41
Less than 5 years old	5 750	3 620	45	16	2 070	1 679	329	50	11
Age not reported	703	490	4	–	209	122	87	–	–
Burners only	35	29	–	–	6	4	–	–	2
Less than 5 years old	6	6	–	–	–	–	–	–	–
Age not reported	11	9	–	–	2	2	–	–	–
Oven only	16	9	–	–	7	7	–	–	–
Less than 5 years old	5	4	–	–	1	1	–	–	–
Age not reported	5	5	–	–	–	–	–	–	–
Neither burners nor oven	608	507	4	4	93	46	38	8	1
Dishwasher	8 919	6 465	28	16	2 410	2 076	279	52	2
Less than 5 years old	2 876	1 753	12	8	1 104	1 016	64	23	–
Age not reported	229	148	–	–	81	69	12	–	–
Washing machine	18 880	14 196	69	43	4 572	3 186	1 261	122	2
Less than 5 years old	6 211	4 264	29	17	1 901	1 390	452	59	–
Age not reported	301	199	2	–	101	69	23	8	–
Clothes dryer	17 045	12 808	59	41	4 136	3 024	999	111	2
Less than 5 years old	4 764	3 202	19	14	1 529	1 215	287	27	–
Age not reported	235	167	2	–	65	49	16	–	–
Disposal in kitchen sink	5 574	4 155	5	14	1 402	1 261	108	30	3
Less than 5 years old	1 812	1 118	5	8	681	634	37	8	3
Age not reported	203	155	–	–	48	44	3	–	–
Air conditioning:									
Central	7 735	5 157	18	9	2 550	2 085	398	65	3
1 room unit	5 423	4 151	38	17	1 217	574	613	20	10
2 room units	1 706	1 362	14	5	326	151	145	19	10
3 room units or more	427	395	1	2	29	17	11	1	–
Main Heating Equipment									
Warm-air furnace	12 162	8 801	65	23	3 273	1 955	1 214	95	9
Steam or hot water system	1 927	1 664	43	12	209	167	22	2	17
Electric heat pump	1 727	879	–	–	849	755	80	14	–
Built-in electric units	2 304	1 674	13	6	610	492	92	21	6
Floor, wall, or other built-in hot air units without ducts	957	867	4	1	86	27	45	6	7
Room heaters with flue	1 374	1 189	6	3	176	67	90	14	5
Room heaters without flue	1 126	886	3	5	232	72	145	15	–
Portable electric heaters	159	92	2	–	65	18	43	4	–
Stoves	2 000	1 505	21	2	472	252	200	20	–
Fireplaces with inserts	277	224	–	–	53	41	12	–	–
Fireplaces without inserts	126	90	–	2	34	27	7	–	–
Other	330	251	–	–	79	32	47	–	–
None	273	197	–	3	73	20	47	5	–
Other Heating Equipment									
With other heating equipment[1]	8 811	6 717	34	15	2 044	1 405	580	54	6
Warm-air furnace	602	401	3	1	197	101	96	–	–
Steam or hot water system	76	62	–	1	13	6	6	–	–
Electric heat pump	71	51	–	–	19	19	–	–	–
Built-in electric units	1 022	800	6	–	215	169	35	5	6
Floor, wall, or other built-in hot-air units without ducts	189	168	–	–	22	14	8	–	–
Room heaters with flue	369	297	–	1	72	26	42	4	–
Room heaters without flue	928	683	7	3	234	102	133	–	–
Portable electric heaters	1 590	1 318	8	3	261	126	123	11	–
Stoves	1 736	1 285	7	3	442	298	115	29	–
Fireplaces with inserts	1 214	852	–	–	362	339	18	6	–
Fireplaces with no inserts	1 703	1 352	5	4	341	304	34	4	–
Other	392	309	3	–	80	62	18	–	–
Plumbing[2]									
With all plumbing facilities	23 544	17 417	142	57	5 928	3 763	1 930	192	44
Lacking some plumbing facilities[1]	189	140	4	–	45	18	27	–	–
No hot piped water	51	43	–	–	8	4	4	–	–
No bathtub nor shower	156	123	4	–	29	7	22	–	–
No flush toilet	86	60	–	–	27	11	16	–	–
No plumbing facilities for exclusive use	1 009	761	10	–	237	145	87	5	–
Source of Water									
Public system or private company	17 102	12 956	136	51	3 959	2 703	1 095	119	41
Well serving 1 to 5 units	6 746	4 750	15	6	1 975	1 122	780	73	–
Drilled	5 556	3 879	6	4	1 668	991	623	53	–
Dug	851	602	3	–	246	100	135	11	–
Not reported	340	270	6	2	61	31	22	9	–
Other	895	612	5	1	277	101	168	5	3

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1D-4. Selected Equipment and Plumbing—All Housing Units—Outside Metropolitan Statistical Areas—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Means of Sewage Disposal									
Public sewer	12 859	10 393	114	50	2 302	1 659	521	84	39
Septic tank, cesspool, chemical toilet	11 507	7 629	43	7	3 829	2 231	1 484	108	5
Other	376	296	–	–	80	36	39	5	–

[1]Figures may not add to total because more than one category may apply to a unit.
[2]Data not up to publication standards; see "Qualifications of the Data" section in the Introduction.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1D-5. Fuels—All Housing Units—Outside Metropolitan Statistical Areas

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**24 742**	**18 318**	**157**	**57**	**6 210**	**3 926**	**2 044**	**197**	**44**
Main House Heating Fuel									
Housing units with heating fuel	24 470	18 121	157	54	6 138	3 906	1 996	191	44
Electricity	5 912	3 532	20	6	2 355	1 869	422	57	6
Piped gas	9 129	7 854	61	33	1 181	728	370	52	31
Bottled gas	2 916	1 739	4	2	1 171	620	516	32	4
Fuel oil	2 857	2 421	37	9	390	159	216	13	2
Kerosene or other liquid fuel	628	296	2	1	330	123	189	18	–
Coal or coke	190	165	5	–	20	9	12	–	–
Wood	2 694	2 044	23	4	623	369	237	17	–
Solar energy	11	6	–	–	5	3	2	–	–
Other	131	64	4	–	63	26	33	3	–
Other House Heating Fuels									
With other heating fuels[1]	6 276	4 690	24	15	1 547	1 055	436	51	5
Electricity	1 911	1 425	14	6	467	293	150	19	5
Piped gas	218	176	–	1	42	24	18	–	–
Bottled gas	408	284	3	–	122	75	43	4	–
Fuel oil	300	267	1	1	30	16	14	–	–
Kerosene or other liquid fuel	677	487	4	3	183	76	107	–	–
Coal or coke	82	71	–	–	11	9	2	–	–
Wood	2 819	2 104	4	6	705	570	105	29	–
Solar energy	46	31	–	–	15	13	2	–	–
Other	60	46	–	–	14	8	6	–	–
Not reported	268	214	–	–	54	28	26	–	–
Cooking Fuel									
With cooking fuel	24 122	17 804	153	53	6 112	3 880	2 000	189	43
Electricity	15 635	11 838	95	33	3 669	2 733	771	129	35
Gas	8 122	5 753	58	20	2 290	1 101	1 136	46	8
Kerosene or other liquid fuel	156	94	–	–	62	17	44	–	–
Coal or coke	6	6	–	–	–	–	–	–	–
Wood	75	62	–	–	13	13	–	–	–
Other	129	50	–	–	79	17	49	14	–
Water Heating Fuel									
With hot piped water	24 300	17 964	157	57	6 122	3 885	2 001	192	44
Electricity	12 687	8 538	65	21	4 063	2 703	1 227	122	12
Gas	10 381	8 466	77	33	1 806	1 057	660	56	32
Fuel oil	839	709	14	1	114	80	34	–	–
Kerosene or other liquid fuel	137	76	–	1	60	19	41	–	–
Coal or coke	40	40	–	–	–	–	–	–	–
Wood	51	35	–	–	16	5	11	–	–
Solar energy	43	33	–	–	10	8	2	–	–
Other	122	68	–	1	53	14	25	14	–
Central Air Conditioning Fuel									
With central air conditioning	7 735	5 157	18	9	2 550	2 085	398	65	3
Electricity	7 172	4 690	18	8	2 456	1 996	392	65	3
Gas	534	449	–	1	84	78	6	–	–
Other	29	19	–	–	11	11	–	–	–
Clother Dryer Fuel									
With clothes dryer	17 045	12 808	59	41	4 136	3 024	999	111	2
Electricity	15 022	11 077	55	37	3 853	2 850	911	90	2
Gas	2 003	1 713	4	4	282	174	87	21	–
Other	20	18	–	–	2	–	2	–	–

[1]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1D-6. Housing and Neighborhood Quality—All Housing Units—Outside Metropolitan Statistical Areas

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	**24 742**	**18 318**	**157**	**57**	**6 210**	**3 926**	**2 044**	**197**	**44**
Selected Amenities[1]									
Porch, deck, balcony, or patio	19 160	14 465	114	43	4 538	3 069	1 349	116	4
Not reported	73	57	–	–	17	5	12	–	–
Usable fireplace	5 801	4 579	10	12	1 199	1 095	98	7	–
Separate dining room	8 855	7 157	42	36	1 621	1 243	331	45	3
With 2 or more living rooms or recreation rooms, etc.	6 789	5 569	24	24	1 172	980	160	28	4
Garage or carport included with home	12 407	10 287	26	24	2 070	1 671	315	77	6
Not included	10 755	6 933	127	32	3 665	1 997	1 520	110	37
Offstreet parking included	9 335	5 861	106	30	3 338	1 808	1 394	101	35
Offstreet parking not reported	72	52	–	–	20	12	3	2	2
Garage or carport not reported	62	28	1	–	32	28	4	–	1
Owner or Manager on Property									
Rental, multiunit[2]	2 834	1 991	157	16	670	604	1	32	33
Owner or manager lives on property	601	423	30	1	148	138	–	9	1
Neither owner nor manager lives on property	1 649	1 179	92	8	370	318	–	19	33
Not reported	583	389	35	7	151	147	1	3	–
Selected Deficiencies[1]									
Holes in floors	476	366	9	5	97	24	68	5	–
Open cracks or holes (interior)	1 386	1 143	12	8	223	102	106	15	–
Broken plaster or peeling paint (interior)	1 219	1 068	7	3	140	40	78	22	–
No electrical wiring	84	49	–	–	35	27	8	–	–
Exposed wiring	472	379	1	–	91	41	33	18	–
Rooms without electric outlets	681	577	9	3	93	40	47	6	–
Description of Area Within 300 Feet[1]									
Single-family detached houses	1 313	936	123	14	241	196	1	16	28
Only single-family detached	–	–	–	–	–	–	–	–	–
Single-family attached or 1 to 3 story multiunit	1 535	1 036	44	11	445	423	1	14	7
4 to 6 story multiunit	192	109	6	3	74	53	–	7	14
7 stories or more multiunit	101	64	–	3	34	34	–	–	–
Mobile homes	83	56	6	–	20	16	–	5	–
Commercial, institutional, or industrial	817	556	51	5	205	170	–	15	21
Residential parking lots	597	385	10	3	199	173	–	9	17
Body of water	257	172	6	4	76	73	–	2	–
Open space, park, farm, or ranch	690	425	32	5	227	217	–	7	3
4+ lane highway, railroad, or airport	257	190	7	3	58	57	–	1	–
Other	124	90	14	1	19	14	–	5	–
Not observed or not reported	384	288	15	–	81	78	–	3	–
Age of Other Residential Buildings Within 300 Feet									
Older	207	125	–	–	82	67	–	9	6
About the same	1 623	1 146	87	10	380	355	1	15	10
Newer	72	47	19	–	6	6	–	–	–
Very mixed	374	250	25	6	92	71	–	5	17
No other residential buildings	155	123	8	–	24	23	–	1	–
Not reported	401	301	15	–	85	82	–	3	–
Mobile Homes in Group									
Mobile homes	3 768	549	–	–	3 219	1 247	1 971	–	–
1 to 6	3 057	387	–	–	2 669	1 044	1 625	–	–
7 to 20	179	26	–	–	152	44	108	–	–
21 or more	519	135	–	–	384	159	225	–	–
Not reported	13	–	–	–	13	–	13	–	–
Other Buildings Vandalized or With Interior Exposed									
None	2 292	1 602	132	16	542	486	1	29	27
1 building	32	24	1	–	7	–	–	–	7
More than 1 building	14	9	2	–	3	3	–	–	–
No buildings within 300 feet	52	36	4	–	12	11	–	–	–
Not reported	442	321	15	–	106	103	–	3	–
Bars on Windows of Buildings									
With other buildings within 300 feet	2 337	1 635	135	16	552	490	1	29	33
No bars on windows	2 299	1 608	133	16	543	482	1	27	33
1 building with bars	6	6	–	–	–	–	–	–	–
2 or more buildings with bars	14	9	2	–	3	3	–	–	–
Not reported	19	12	–	–	7	5	–	2	–
Condition of Streets									
No repairs needed	1 860	1 297	99	10	454	411	1	19	24
Minor repairs needed	520	364	38	6	113	101	–	8	4
Major repairs needed	50	43	–	–	7	1	–	1	5
No streets within 300 feet	21	8	3	–	10	10	–	–	–
Not reported	381	280	15	–	86	81	–	4	–

SECTION A. **1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS**

Table 1D-6. **Housing and Neighborhood Quality—All Housing Units—Outside Metropolitan Statistical Areas**—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Trash, Litter, or Junk on Streets or any Properties									
None	1 988	1 373	103	13	499	453	1	21	24
Minor accumulation	422	310	34	3	76	65	–	6	5
Major accumulation	35	23	3	–	9	5	–	–	4
Not reported	386	285	15	–	86	81	–	4	–

[1]Figures may not add to total because more than one category may apply to a unit.
[2]Two or more units of any tenure in the structure.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1D-7. Financial Characteristics—All Housing Units—Outside Metropolitan Statistical Areas

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	**24 742**	**18 318**	**157**	**57**	**6 210**	**3 926**	**2 044**	**197**	**44**
Monthly Housing Costs[1]									
Less than $100	1 100	701	1	–	398	178	214	6	–
$100 to $199	4 785	3 696	11	2	1 076	547	478	43	8
$200 to $249	2 180	1 778	17	3	382	208	167	2	5
$250 to $299	1 759	1 365	7	5	382	234	123	25	–
$300 to $349	1 447	1 097	18	5	326	183	120	22	2
$350 to $399	1 314	947	21	6	340	216	117	4	3
$400 to $449	1 214	904	9	4	297	182	89	26	–
$450 to $499	964	751	11	–	202	153	40	7	2
$500 to $599	1 473	1 108	22	4	339	302	28	7	2
$600 to $699	967	734	6	4	223	188	17	7	10
$700 to $799	699	515	6	2	175	153	21	–	2
$800 to $999	769	531	3	8	227	216	11	–	–
$1,000 to $1,249	317	210	4	3	100	98	2	–	–
$1,250 to $1,499	136	80	1	1	53	53	–	–	–
$1,500 or more	192	113	–	–	79	72	7	–	–
No cash rent	837	612	6	1	217	112	79	17	9
Mortgage payment not reported	982	687	3	1	292	234	45	13	–
Median (excludes no cash rent)	**295**	**290**	**385**	**...**	**310**	**383**	**207**	**297**	**...**
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	**294**	**289**	**...**	**...**	**308**	**395**	**188**	**296**	**...**
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	**123**	**111**	**...**	**...**	**150**	**210**	**100-**	**183**	**...**
OWNER HOUSING UNITS									
Total	**16 083**	**12 013**	**26**	**37**	**4 007**	**2 731**	**1 176**	**98**	**1**
Average Monthly Cost Paid for Real Estate Taxes									
Less than $25	5 716	3 681	–	3	2 032	1 059	939	34	–
$25 to $49	3 856	3 108	5	9	733	536	153	44	–
$50 to $74	2 314	1 903	3	4	404	351	41	12	–
$75 to $99	1 340	1 088	6	5	241	232	8	–	1
$100 to $149	1 586	1 274	6	11	295	277	13	4	1
$150 to $199	639	481	1	3	154	145	9	–	–
$200 or more	633	477	4	4	148	131	13	3	–
Median	**40**	**44**	**...**	**...**	**25-**	**39**	**25-**	**34**	**...**
Annual Taxes Paid Per $1,000 Value									
Less than $5	3 467	2 503	2	1	960	688	240	32	–
$5 to $9	4 586	3 522	4	10	1 049	825	203	21	1
$10 to $14	2 876	2 142	2	5	726	499	215	12	–
$15 to $19	1 735	1 359	3	5	369	221	122	25	–
$20 to $24	1 150	947	3	9	192	132	53	7	1
$25 or more	2 270	1 540	11	8	710	367	343	1	–
Median	**10**	**10**	**...**	**...**	**10**	**9**	**13**	**9**	**...**
Condominium and Cooperative Fee									
Fee paid by owners	87	35	–	–	52	52	–	–	–
Less than $25 per month	–	–	–	–	–	–	–	–	–
$25 to $49	4	2	–	–	2	2	–	–	–
$50 to $74	28	10	–	–	19	19	–	–	–
$75 to $99	25	7	–	–	18	18	–	–	–
$100 to $149	20	8	–	–	12	12	–	–	–
$150 to $199	–	–	–	–	–	–	–	–	–
$200 or more per month	3	3	–	–	–	–	–	–	–
Not reported	7	5	–	–	2	2	–	–	–
Median	**82**	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**
Other Housing Costs Per Month									
Homeowner association fee paid	79	30	–	–	49	49	–	–	–
Median	**83**	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**
Mobile home park fee paid	57	10	–	–	47	26	21	–	–
Median	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**
Land rent fee paid	37	18	–	–	19	11	4	3	–
Median	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**
Value[2]									
Less than $10,000	1 409	467	–	–	941	244	697	–	–
$10,000 to $19,999	1 359	731	2	1	626	411	208	7	–
$20,000 to $29,999	1 441	1 080	3	–	358	237	103	18	–
$30,000 to $39,999	1 668	1 362	2	7	297	213	70	14	–
$40,000 to $49,999	2 044	1 822	4	6	213	180	23	10	–
$50,000 to $59,999	1 563	1 396	–	3	164	141	16	8	–
$60,000 to $69,999	1 392	1 222	3	5	163	151	12	–	–
$70,000 to $79,999	1 213	1 028	5	5	175	164	10	–	1
$80,000 to $99,999	1 513	1 184	–	3	326	295	11	20	1
$100,000 to $119,999	856	629	2	3	222	194	19	9	–
$120,000 to $149,999	657	437	–	2	218	212	3	3	–
$150,000 to $199,999	488	336	1	3	147	141	2	4	–
$200,000 to $249,999	181	115	1	–	65	61	–	3	–
$250,000 to $299,999	113	76	1	–	35	35	–	–	–
$300,000 or more	181	123	–	–	58	53	3	2	–
Time shared units	30	19	–	–	11	11	–	–	–
Median	**50 751**	**53 887**	**...**	**...**	**32 643**	**55 769**	**10000-**	**49 729**	**...**

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1D-7. Financial Characteristics—All Housing Units—Outside Metropolitan Statistical Areas—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
OWNER HOUSING UNITS—Con.									
Other Activities on Property[3]									
Commercial establishment	389	287	4	1	97	57	34	6	–
Medical or dental office	14	10	–	–	4	4	–	–	–
Neither	15 682	11 718	21	37	3 907	2 671	1 142	92	1

[1]Rent asked for vacant units.
[2]Sales price for units that are for sale; purchase price for units sold but not yet occupied.
[3]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 2-1. Introductory Characteristics—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**92 975**	**71 740**	**819**	**283**	**20 133**	**16 594**	**3 066**	**366**	**107**
Tenure									
Owner occupied	61 512	47 536	212	186	13 578	11 167	2 273	132	6
Percent of all occupied	66.2	66.3	25.9	65.6	67.4	67.3	74.1	36.0	6.1
Renter occupied	31 463	24 204	607	97	6 555	5 427	793	234	100
Race and Origin									
White	79 896	61 220	651	222	17 803	14 621	2 772	315	94
Non-Hispanic	74 450	56 886	589	206	16 769	13 828	2 612	251	78
Hispanic	5 446	4 334	62	16	1 034	793	161	65	15
Black	9 895	8 145	127	53	1 569	1 285	238	33	13
Other	3 184	2 374	41	8	761	688	56	18	–
Total Hispanic	6 150	4 933	76	18	1 123	859	177	72	15
Units in Structure									
1, detached	58 550	49 573	–	179	8 799	8 382	161	210	46
1, attached	5 339	3 801	–	15	1 523	1 494	6	13	9
2 to 4	8 836	6 951	732	58	1 095	1 030	10	46	9
5 to 9	4 240	2 999	79	12	1 149	1 124	–	24	–
10 to 19	3 618	2 393	2	4	1 218	1 196	–	11	11
20 to 49	2 957	2 159	5	4	789	718	7	38	27
50 or more	3 236	2 633	–	9	594	564	–	24	6
Mobile home or trailer	6 200	1 232	–	1	4 967	2 086	2 881	–	–
Cooperatives and Condominiums									
Cooperatives	615	549	–	4	62	48	14	–	–
Condominiums	3 356	2 012	5	6	1 333	1 328	–	4	1
Year Structure Built[1]									
1990 to 1994	2 035	–	–	–	2 035	2 035	–	–	–
1985 to 1989	7 835	–	–	–	7 835	7 835	–	–	–
1980 to 1984	7 148	357	–	–	6 791	6 724	63	–	4
1975 to 1979	10 692	9 315	29	15	1 332	–	1 170	123	39
1970 to 1974	10 036	8 980	34	11	1 012	–	977	15	19
1960 to 1969	14 852	14 058	65	27	702	–	645	30	28
1950 to 1959	13 061	12 706	149	40	166	–	137	28	1
1940 to 1949	7 748	7 515	104	40	89	–	40	39	10
1930 to 1939	6 337	5 757	400	137	44	–	9	31	3
1920 to 1929	4 895	4 823	12	1	59	–	7	52	–
1919 or earlier	8 335	8 230	26	12	67	–	17	48	2
Median	**1963**	**1958**	**1939**	**1939**	**1984**	**1985**	**1973**	**1955**	**1972**
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	72 263	56 234	683	235	15 111	13 311	1 539	193	67
In central cities	28 768	24 274	321	146	4 027	3 746	159	97	25
Suburbs	43 495	31 960	363	88	11 084	9 565	1 380	96	43
Outside metropolitan statistical areas	20 712	15 506	135	49	5 022	3 283	1 527	173	39
Regions									
Northeast	18 789	15 844	337	98	2 509	2 035	361	97	16
Midwest	22 594	19 143	177	83	3 190	2 786	338	41	25
South	32 190	22 316	166	53	9 655	7 697	1 777	164	17
West	19 402	14 436	138	48	4 779	4 076	589	65	49
Urbanized Areas									
Inside urbanized areas	57 840	47 465	546	214	9 615	8 883	541	137	55
In central cities of (P)MSA's	28 257	23 939	314	146	3 857	3 578	157	97	25
Urban fringe	29 583	23 525	232	67	5 758	5 305	384	40	30
Outside urbanized areas	35 134	24 275	272	69	10 517	7 711	2 525	229	52
Other urban	11 614	9 342	134	46	2 092	1 771	249	46	26
Rural	23 521	14 934	139	23	8 425	5 940	2 276	183	26
Place Size[2]									
Less than 2,500 persons	4 416	3 733	52	9	623	391	196	29	7
2,500 to 9,999 persons	9 313	7 762	132	33	1 386	1 116	245	24	1
10,000 to 19,999 persons	8 658	7 364	60	34	1 200	1 047	120	20	13
20,000 to 49,999 persons	12 903	10 702	168	37	1 997	1 839	109	31	17
50,000 to 99,999 persons	8 166	6 938	44	18	1 166	1 049	73	20	24
100,000 to 249,999 persons	7 359	5 957	71	23	1 308	1 251	53	3	2
250,000 to 499,999 persons	4 943	4 174	50	26	693	638	28	15	12
500,000 to 999,999 persons	4 333	3 609	51	28	645	628	13	4	–
1,000,000 persons or more	6 294	5 725	74	52	443	353	23	57	10

[1]For mobile home, oldest category is 1939 or earlier.
[2]Figures will not add to total, because all units are not in Places.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 2-2. Height and Condition of Building—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**92 975**	**71 740**	**819**	**283**	**20 133**	**16 594**	**3 066**	**366**	**107**
Stories in Structure									
1	2 385	1 695	126	13	551	525	–	12	14
2	8 343	5 609	277	16	2 441	2 388	10	27	16
3	6 398	4 883	298	30	1 188	1 142	–	40	6
4 to 6	3 636	3 098	108	16	413	381	–	16	17
7 or more	2 112	1 848	–	13	251	196	7	49	–
Not reported	11	2	9	–	–	–	–	–	–
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	20 490	15 438	683	75	4 293	4 107	16	131	38
None (on same floor)	7 160	5 189	364	35	1 572	1 537	3	31	–
1 (up or down)	5 678	4 281	197	18	1 182	1 121	7	33	22
2 or more (up or down)	5 566	4 403	63	20	1 080	1 007	7	50	16
Not reported	2 086	1 565	60	2	459	442	–	17	–
Common Stairways									
Multiunits, 2 or more floors	20 490	15 438	683	75	4 293	4 107	16	131	38
No common stairways	4 059	2 849	356	23	831	809	–	21	–
With common stairways	14 447	11 104	265	50	3 027	2 879	16	94	38
No loose steps	13 551	10 374	244	48	2 886	2 747	16	93	30
Railings not loose	12 344	9 416	206	45	2 677	2 542	16	89	30
Railings loose	416	313	8	1	94	93	–	1	–
No railings	610	508	27	1	73	69	–	4	–
Status of railings not reported	182	136	3	–	43	43	–	–	–
Loose steps	844	687	22	2	133	124	–	1	9
Railings not loose	603	472	8	1	121	113	–	–	9
Railings loose	173	155	11	1	6	6	–	–	–
No railings	56	51	1	–	4	3	–	1	–
Status of railings not reported	12	9	1	–	2	2	–	–	–
Status of steps not reported	52	44	–	–	8	8	–	–	–
Status of stairways not reported	1 984	1 485	62	3	435	419	–	16	–
Light Fixtures in Public Halls									
2 or more units in structure	22 875	17 133	810	88	4 844	4 632	17	143	52
No public halls	8 140	5 628	534	38	1 941	1 886	–	43	12
No light fixtures in public halls	55	44	2	–	8	7	–	1	–
All in working order	8 617	6 825	119	33	1 640	1 539	7	59	34
Some in working order	588	501	37	3	47	31	10	–	6
None in working order	37	31	5	1	–	–	–	–	–
Unable to determine if working	3 005	2 292	29	12	672	651	–	21	–
Not reported	2 434	1 811	84	3	536	517	–	19	–
Elevator on Floor									
Multiunits, 2 or more floors	20 490	15 438	683	75	4 293	4 107	16	131	38
With 1 or more elevators working	3 244	2 587	1	12	644	575	7	46	17
With elevator, none in working condition	148	125	1	–	22	22	–	–	–
No elevator	15 087	11 218	621	61	3 187	3 086	10	69	22
Units 3 or more floors from main entrance	819	676	18	2	123	115	–	8	–
Not reported	2 011	1 508	61	2	440	424	–	16	–
Foundation									
1 unit bldg. excl. mobile homes	63 889	53 373	–	194	10 321	9 876	168	223	55
With basement under all of building	22 455	19 503	–	104	2 848	2 774	39	21	14
With basement under part of building	7 782	6 979	–	36	766	743	6	15	2
With crawl space	16 051	13 950	–	30	2 070	1 896	81	81	11
On concrete slab	16 281	11 828	–	21	4 431	4 312	28	89	2
Other	1 285	1 110	–	3	172	144	14	14	1
Not reported	35	2	–	–	33	7	–	3	24
External Building Conditions[1]									
Sagging roof	84	79	1	3	1	–	–	1	–
Missing roofing material	95	82	6	–	7	7	–	–	–
Hole in roof	23	23	–	–	–	–	–	–	–
Could not see roof	2 206	1 893	71	11	231	214	–	17	–
Missing bricks, siding, other outside wall material	313	267	21	6	20	20	–	–	–
Sloping outside walls	46	43	–	2	1	–	–	1	–
Boarded up windows	183	171	6	1	5	5	–	–	–
Broken windows	239	225	8	3	2	2	–	–	–
Bars on windows	443	416	15	1	11	8	–	3	–
Foundation crumbling or has open crack or hole	276	252	10	3	11	10	–	1	–
Could not see foundation	834	728	30	2	74	69	–	5	–
None of the above	16 994	12 445	600	68	3 882	3 720	17	103	42
Could not observe or not reported	2 896	2 108	103	2	684	652	–	22	10
Site Placement									
Mobile homes	6 200	1 232	–	1	4 967	2 086	2 881	–	–
First site	3 252	764	–	–	2 487	1 445	1 042	–	–
Moved from another site	1 847	227	–	–	1 620	476	1 143	–	–
Don't know	915	204	–	–	711	119	592	–	–
Not reported	186	36	–	–	150	46	104	–	–
Previous Occupancy									
Unit built 1980 or later	17 018	357	–	–	16 661	16 594	63	–	4
Not previously occupied	8 569	75	–	–	8 493	8 446	35	12	–
Not reported	2 056	161	2	–	1 892	1 875	7	7	4

[1]Figures may not add to total because more than one category may apply.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 2-3. Size of Unit and Lot—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**92 975**	**71 740**	**819**	**283**	**20 133**	**16 594**	**3 066**	**366**	**107**
Rooms									
1 room	525	383	54	–	87	40	–	11	37
2 rooms	917	758	51	–	107	74	12	17	4
3 rooms	7 480	5 714	187	17	1 563	1 286	164	78	35
4 rooms	16 965	11 635	209	35	5 086	3 551	1 403	117	15
5 rooms	21 190	16 226	149	32	4 783	3 759	956	66	3
6 rooms	19 760	16 115	82	52	3 510	3 109	349	44	7
7 rooms	12 648	10 444	43	46	2 115	2 017	98	–	–
8 rooms	7 645	6 035	27	43	1 539	1 488	43	7	–
9 rooms	3 407	2 554	8	21	823	765	38	18	2
10 rooms or more	2 439	1 876	8	36	519	506	1	7	4
Median	**5.5**	**5.6**	**4.1**	**6.6**	**5.2**	**5.4**	**4.5**	**4.2**	**2.9**
Bedrooms									
None	1 061	857	65	1	139	77	5	21	37
1	10 736	8 197	304	29	2 206	1 845	220	100	41
2	28 814	21 288	265	57	7 203	5 275	1 770	142	15
3	38 071	29 952	148	100	7 871	6 762	1 011	88	10
4 or more	14 292	11 445	37	96	2 714	2 635	61	15	4
Median	**2.7**	**2.7**	**1.7**	**3.0**	**2.6**	**2.7**	**2.2**	**1.9**	**.9**
Complete Bathrooms									
None	521	391	47	1	83	40	22	10	10
1	43 814	36 614	645	90	6 465	4 291	1 850	247	78
1 and one-half	15 150	12 811	57	24	2 258	1 753	472	28	4
2 or more	33 489	21 923	71	169	11 327	10 510	721	81	14
Square Footage of Unit									
Single detached and mobile homes	64 750	50 804	–	180	13 766	10 467	3 043	210	46
Less than 500	773	459	–	2	312	43	258	8	3
500 to 749	2 735	1 754	–	5	976	157	802	17	–
750 to 999	6 091	4 074	–	5	2 013	1 025	956	32	–
1,000 to 1,499	15 210	12 211	–	17	2 982	2 393	540	46	3
1,500 to 1,999	13 361	11 000	–	22	2 339	2 191	127	20	–
2,000 to 2,499	9 490	7 882	–	17	1 591	1 516	54	14	7
2,500 to 2,999	5 066	4 154	–	8	904	887	7	10	–
3,000 to 3,999	4 529	3 616	–	11	903	886	17	–	–
4,000 or more	2 608	2 048	–	13	547	518	17	10	2
Not reported	4 887	3 608	–	79	1 199	850	264	54	30
Median	**1 692**	**1 732**	**...**	**1 977**	**1 500**	**1 772**	**836**	**1 236**	**...**
Lot Size									
Less than one-eighth acre	6 718	5 363	–	42	1 314	875	435	–	5
One-eighth up to one-quarter acre	13 035	11 027	–	36	1 972	1 728	205	39	–
One-quarter up to one-half acre	9 810	7 845	–	18	1 947	1 767	180	–	–
One-half up to one acre	7 171	5 487	–	13	1 670	1 359	292	18	2
1 to 4 acres	9 631	6 678	–	15	2 939	2 191	697	48	3
5 to 9 acres	1 565	996	–	2	567	402	158	–	7
10 acres or more	3 296	2 424	–	1	871	583	253	32	2
Don't know	17 435	13 984	–	68	3 383	2 511	779	82	12
Not reported	1 427	802	–	–	625	546	50	5	24
Median	**.40**	**.36**	**...**	**.20**	**.62**	**.53**	**1.00**	**1.96**	**...**
Persons Per Room									
0.50 or less	62 998	49 141	512	173	13 172	11 091	1 807	222	52
0.51 to 1.00	27 473	20 695	284	97	6 396	5 174	1 088	108	26
1.01 to 1.50	2 003	1 514	21	12	457	275	148	35	–
1.51 or more	501	391	2	1	107	54	23	1	29
Square Feet Per Person									
Single detached and mobile homes	64 750	50 804	–	180	13 766	10 467	3 043	210	46
Less than 200	2 036	1 340	–	4	692	226	451	14	1
200 to 299	4 549	3 233	–	4	1 312	731	557	22	2
300 to 399	6 436	4 803	–	12	1 621	1 178	426	17	–
400 to 499	6 770	5 076	–	18	1 675	1 281	368	24	3
500 to 599	5 855	4 557	–	14	1 284	1 054	230	–	–
600 to 699	5 694	4 544	–	12	1 138	950	176	4	7
700 to 799	4 748	3 739	–	8	1 001	783	204	12	2
800 to 899	3 648	2 900	–	3	746	641	102	3	–
900 to 999	3 277	2 585	–	1	691	566	117	8	–
1,000 to 1,499	9 404	7 881	–	17	1 506	1 364	103	39	–
1,500 or more	7 447	6 537	–	8	902	843	45	14	–
Not reported	4 887	3 608	–	79	1 199	850	264	54	30
Median	**675**	**701**	**...**	**587**	**577**	**636**	**390**	**653**	**...**

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 2-4. Selected Equipment and Plumbing—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**92 975**	**71 740**	**819**	**283**	**20 133**	**16 594**	**3 066**	**366**	**107**
Equipment[1]									
Lacking complete kitchen facilities	839	602	49	1	187	117	21	10	38
With complete kitchen (sink, refrigerator and burners)	92 136	71 138	769	282	19 946	16 477	3 044	356	68
Kitchen sink	92 531	71 441	784	283	20 022	16 532	3 059	359	73
Refrigerator	92 733	71 594	791	283	20 065	16 565	3 054	363	83
Less than 5 years old	32 642	22 889	278	108	9 367	8 307	911	128	22
Age not reported	1 778	1 230	39	1	508	463	29	16	–
Burners and oven	92 516	71 408	776	282	20 051	16 563	3 064	356	68
Less than 5 years old	25 849	16 618	236	87	8 907	8 118	662	113	14
Age not reported	2 049	1 406	31	1	612	547	56	7	1
Burners only	88	73	2	–	12	7	–	4	2
Less than 5 years old	24	18	–	–	6	2	–	4	–
Age not reported	15	13	–	–	2	2	–	–	–
Oven only	84	60	5	–	19	13	2	1	2
Less than 5 years old	35	30	2	–	3	2	–	1	–
Age not reported	7	7	–	–	–	–	–	–	–
Neither burners nor oven	287	199	36	1	51	11	–	6	34
Dishwasher	47 301	33 285	202	109	13 704	12 967	629	91	17
Less than 5 years old	17 511	10 355	68	52	7 036	6 804	172	57	3
Age not reported	1 186	681	12	3	490	475	15	–	–
Washing machine	72 014	55 194	371	229	16 221	13 795	2 224	187	14
Less than 5 years old	26 344	18 497	159	83	7 604	6 668	838	96	3
Age not reported	728	504	2	1	223	197	14	12	–
Clothes dryer	65 874	49 849	324	195	15 506	13 446	1 871	175	14
Less than 5 years old	21 528	14 436	96	67	6 929	6 275	591	59	5
Age not reported	666	447	7	–	213	185	27	–	–
Disposal in kitchen sink	38 095	26 839	95	72	11 089	10 726	294	58	11
Less than 5 years old	14 969	8 761	40	41	6 127	5 982	111	31	3
Age not reported	1 665	1 149	7	2	506	497	6	4	–
Air conditioning:									
Central	39 700	26 604	102	53	12 940	11 968	845	91	37
1 room unit	17 301	14 596	189	54	2 462	1 383	969	100	10
2 room units	7 003	6 138	62	39	763	414	302	32	15
3 room units or more	2 537	2 404	22	24	87	57	29	1	–
Main Heating Equipment									
Warm-air furnace	50 289	38 155	363	109	11 663	9 601	1 907	119	37
Steam or hot water system	13 617	12 363	251	105	898	761	46	67	24
Electric heat pump	7 563	3 951	15	5	3 591	3 390	173	21	6
Built-in electric units	6 494	4 719	38	7	1 729	1 579	103	37	11
Floor, wall, or other built-in hot air units without ducts	4 269	3 919	37	12	300	190	79	21	10
Room heaters with flue	2 522	2 239	18	11	254	99	118	26	10
Room heaters without flue	2 063	1 760	10	10	283	86	175	22	–
Portable electric heaters	711	523	19	6	163	40	115	8	–
Stoves	2 667	1 946	33	5	683	404	242	38	–
Fireplaces with inserts	589	441	4	–	144	132	12	–	–
Fireplaces without inserts	430	315	–	5	111	99	12	–	–
Other	890	707	11	6	166	116	50	–	–
None	872	701	19	3	148	95	35	8	10
Other Heating Equipment									
With other heating equipment[1]	27 814	21 161	181	74	6 399	5 451	868	66	13
Warm-air furnace	1 375	908	6	5	457	284	162	10	–
Steam or hot water system	161	139	–	2	19	15	5	–	–
Electric heat pump	319	225	–	1	93	87	5	–	–
Built-in electric units	2 399	1 967	29	9	395	343	41	5	6
Floor, wall, or other built-in hot-air units without ducts	470	423	2	2	43	35	8	–	–
Room heaters with flue	928	764	11	2	151	86	61	4	–
Room heaters without flue	2 069	1 650	11	9	399	226	171	1	–
Portable electric heaters	5 890	5 059	63	18	750	516	219	16	–
Stoves	3 418	2 648	24	8	738	560	149	29	–
Fireplaces with inserts	3 888	2 774	7	11	1 097	1 053	31	6	7
Fireplaces with no inserts	9 451	6 729	46	20	2 656	2 597	58	1	–
Other	900	706	5	1	188	164	25	–	–
Plumbing[2]									
With all plumbing facilities	90 815	70 150	743	278	19 645	16 229	2 969	357	89
Lacking some plumbing facilities[1]	209	149	26	–	34	13	8	3	10
No hot piped water	34	27	–	–	7	–	4	3	–
No bathtub nor shower	177	131	26	–	20	5	2	3	10
No flush toilet	115	73	20	–	22	8	4	–	10
No plumbing facilities for exclusive use	1 950	1 442	50	5	454	352	89	6	7
Source of Water									
Public system or private company	80 247	62 839	748	265	16 395	14 072	1 953	275	96
Well serving 1 to 5 units	11 248	7 813	51	15	3 369	2 287	987	87	7
Drilled	9 611	6 631	38	9	2 933	2 057	809	67	–
Dug	1 162	818	6	1	337	170	149	11	7
Not reported	475	365	6	5	99	61	29	9	–
Other	1 479	1 087	20	4	368	235	126	4	4
Means of Sewage Disposal									
Public sewer	71 991	57 470	656	261	13 603	12 173	1 127	214	89
Septic tank, cesspool, chemical toilet	20 843	14 156	162	22	6 503	4 407	1 930	149	18
Other	141	114	–	–	26	14	9	4	–

[1]Figures may not add to total because more than one category may apply to a unit.
[2]Data not up to publication standards; see "Qualifications of the Data" section in the Introduction.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 2-5. Fuels—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**92 975**	**71 740**	**819**	**283**	**20 133**	**16 594**	**3 066**	**366**	**107**
Main House Heating Fuel									
Housing units with heating fuel	92 103	71 039	799	280	19 985	16 499	3 031	359	97
Electricity	23 222	13 985	120	27	9 090	8 174	804	89	23
Piped gas	47 938	40 430	438	178	6 893	5 893	788	154	57
Bottled gas	3 710	2 225	7	5	1 473	868	562	28	15
Fuel oil	11 335	10 215	179	54	887	604	253	28	2
Kerosene or other liquid fuel	1 053	573	4	4	471	162	292	18	–
Coal or coke	326	271	5	–	50	28	20	1	–
Wood	4 104	3 038	41	10	1 016	700	283	33	–
Solar energy	28	13	–	–	16	14	2	–	–
Other	386	290	5	3	90	57	26	6	–
Other House Heating Fuels									
With other heating fuels[1]	18 165	13 889	98	55	4 123	3 314	730	66	12
Electricity	5 658	4 592	50	27	988	683	266	33	5
Piped gas	844	651	3	6	184	148	36	–	–
Bottled gas	599	414	4	–	181	114	63	4	–
Fuel oil	637	568	5	1	63	41	20	1	–
Kerosene or other liquid fuel	1 604	1 251	13	4	336	192	144	–	–
Coal or coke	215	180	2	–	33	28	5	–	–
Wood	8 917	6 534	23	18	2 343	2 112	195	29	7
Solar energy	194	143	2	–	49	37	12	–	–
Other	264	201	1	2	60	49	11	–	–
Not reported	831	604	4	–	223	162	61	–	–
Cooking Fuel									
With cooking fuel	92 679	71 532	783	282	20 082	16 583	3 066	360	73
Electricity	54 183	39 845	389	116	13 833	12 283	1 301	201	47
Piped gas	33 608	28 903	357	154	4 195	3 285	773	118	18
Bottled gas	4 451	2 523	37	12	1 878	947	896	27	7
Kerosene or other liquid fuel	208	133	–	–	75	24	51	–	–
Coal or coke	6	6	–	–	–	–	–	–	–
Wood	48	36	–	–	12	12	–	–	–
Other	174	86	–	–	89	31	44	14	–
Water Heating Fuel									
With hot piped water	92 781	71 598	799	283	20 101	16 580	3 054	360	107
Electricity	34 068	22 549	209	51	11 258	9 157	1 910	175	16
Piped gas	49 054	41 276	466	188	7 124	6 280	625	144	76
Bottled gas	2 908	1 840	19	7	1 042	635	376	16	15
Fuel oil	5 717	5 198	99	31	389	325	53	11	–
Kerosene or other liquid fuel	207	109	–	1	97	39	58	–	–
Coal or coke	60	54	–	–	6	6	–	–	–
Wood	75	55	–	1	19	8	11	–	–
Solar energy	303	237	5	1	62	60	2	–	–
Other	388	279	1	4	105	72	19	14	–
Central Air Conditioning Fuel									
With central air conditioning	39 700	26 604	102	53	12 940	11 968	845	91	37
Electricity	36 833	24 328	102	48	12 354	11 407	819	91	37
Piped gas	2 597	2 051	–	4	542	520	22	–	–
Other	270	225	–	1	44	40	4	–	–
Clothes Dryer Fuel									
With clothes dryer	65 874	49 849	324	195	15 506	13 446	1 871	175	14
Electricity	50 059	36 513	230	129	13 186	11 335	1 706	143	2
Piped gas	14 915	12 710	90	62	2 053	1 929	99	15	9
Other	900	626	4	3	267	182	65	17	3
Units Using Each Fuel[1]									
Electricity	92 926	71 711	819	283	20 113	16 579	3 066	366	103
All-electric units	18 532	10 725	72	14	7 721	7 067	570	74	11
Piped gas	58 005	48 853	563	225	8 365	7 150	949	186	79
Bottled gas	7 120	4 444	48	17	2 611	1 395	1 140	61	15
Fuel oil	13 644	12 175	204	60	1 204	790	353	44	17
Kerosene or other liquid fuel	2 780	1 923	17	9	831	361	453	18	–
Coal or coke	545	455	7	–	83	56	25	1	–
Wood	13 027	9 576	63	28	3 360	2 813	478	62	7
Solar energy	499	371	7	1	120	106	14	–	–
Other	996	730	7	6	253	168	65	20	–

[1]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 2-6. Failures in Equipment—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**92 975**	**71 740**	**819**	**283**	**20 133**	**16 594**	**3 066**	**366**	**107**
Water Supply Stoppage									
With hot and cold piped water	92 781	71 598	799	283	20 101	16 580	3 054	360	107
No stoppage in last 3 months	87 785	67 826	750	267	18 942	15 729	2 782	337	95
With stoppage in last 3 months	4 044	3 061	44	13	926	707	195	13	11
No stoppage lasting 6 hours or more	1 541	1 186	17	3	336	265	62	8	–
1 time lasting 6 hours or more	1 658	1 199	14	7	438	320	102	5	11
2 times	308	250	8	1	50	37	13	–	–
3 times	144	109	1	–	34	21	13	–	–
4 times or more	130	114	2	–	14	12	2	–	–
Number of times not reported	263	204	2	3	54	51	3	–	–
Stoppage not reported	953	711	5	3	233	145	78	10	1
Flush Toilet Breakdowns									
With one or more flush toilets	92 700	71 552	779	283	20 086	16 572	3 055	363	97
With at least one working toilet at all times in last 3 months	87 784	67 587	734	270	19 194	15 920	2 855	341	77
None working some time in last 3 months	4 553	3 681	39	12	822	597	195	10	19
No breakdowns lasting 6 hours or more	1 365	1 083	11	2	268	194	56	9	10
1 time lasting 6 hours or more	2 076	1 710	15	8	343	245	96	–	3
2 times	421	353	4	1	63	46	11	–	6
3 times	146	117	2	1	26	20	7	–	–
4 times or more	154	136	1	–	18	12	4	2	–
Number of times not reported	391	281	7	1	103	81	22	–	–
Breakdowns not reported	363	285	6	1	71	54	5	11	1
Sewage Disposal Breakdowns									
With public sewer	71 991	57 470	656	261	13 603	12 173	1 127	214	89
No breakdowns in last 3 months	70 821	56 465	650	258	13 447	12 053	1 091	214	89
With breakdowns in last 3 months	1 170	1 005	6	3	156	120	36	–	–
No breakdowns lasting 6 hours or more	390	343	2	–	45	37	7	–	–
1 time lasting 6 hours or more	588	489	2	3	95	68	27	–	–
2 times	79	64	–	–	15	15	–	–	–
3 times	55	53	–	–	2	–	2	–	–
4 times or more	58	57	1	–	–	–	–	–	–
With septic tank or cesspool	20 843	14 156	162	22	6 503	4 407	1 930	149	18
No breakdowns in last 3 months	20 409	13 829	159	21	6 400	4 336	1 897	149	18
With breakdowns in last 3 months	434	326	3	1	104	71	33	–	–
No breakdowns lasting 6 hours or more	128	93	1	–	33	20	13	–	–
1 time lasting 6 hours or more	259	203	2	1	54	42	12	–	–
2 times	25	20	–	–	5	2	3	–	–
3 times	8	–	–	–	8	6	2	–	–
4 times or more	15	11	–	–	4	2	2	–	–
Heating Problems									
With heating equipment and occupied last winter	82 336	64 552	651	245	16 888	13 871	2 663	283	71
Not uncomfortably cold for 24 hours or more last winter	76 630	59 913	575	224	15 918	13 174	2 426	254	64
Uncomfortably cold for 24 hours or more last winter[1]	5 515	4 482	76	21	935	672	229	27	7
Equipment breakdowns	1 803	1 497	17	6	282	179	89	14	–
No breakdowns lasting 6 hours or more	112	89	4	–	19	7	13	–	–
1 time lasting 6 hours or more	1 006	819	2	5	180	120	46	14	–
2 times	250	209	5	–	35	23	13	–	–
3 times	135	114	–	1	20	18	1	–	–
4 times or more	199	175	7	–	17	6	11	–	–
Number of times not reported	101	90	–	–	10	6	4	–	–
Other causes	3 973	3 201	60	18	694	516	152	20	7
Utility interruption	1 127	806	11	4	306	228	60	11	7
Inadequate heating capacity	863	756	15	2	89	65	20	5	–
Inadequate insulation	556	484	11	6	56	47	8	–	–
Other	1 285	1 042	19	6	219	160	59	–	–
Not reported	142	113	4	–	24	16	4	4	–
Reason for discomfort not reported	20	19	–	–	–	–	–	–	–
Discomfort not reported	192	157	–	–	35	25	7	2	–
Electric Fuses and Circuit Breakers									
With electrical wiring	92 941	71 721	819	283	20 117	16 579	3 066	366	107
No fuses or breakers blown in last 3 mo.	79 696	61 058	692	225	17 720	14 685	2 599	330	106
With fuses or breakers blown in last 3 mo.	12 287	9 963	122	51	2 151	1 686	440	25	–
1 time	6 076	4 874	48	21	1 134	910	218	6	–
2 times	2 601	2 119	26	18	438	346	82	10	–
3 times	1 140	951	15	7	168	126	34	7	–
4 times or more	1 595	1 328	17	5	245	154	89	2	–
Number of times not reported	876	690	17	1	168	150	17	–	–
Problem not reported or don't know	958	700	5	7	246	208	27	11	1

[1]Other causes and equipment breakdowns may not add to total as both may be reported.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 2-7. Additional Indicators of Housing Quality—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**92 975**	**71 740**	**819**	**283**	**20 133**	**16 594**	**3 066**	**366**	**107**
Selected Amenities[1]									
Porch, deck, balcony, or patio	71 314	54 263	501	206	16 344	13 973	2 157	182	31
Not reported	192	152	1	–	39	23	9	–	6
Telephone available	87 488	67 662	655	269	18 903	15 837	2 658	302	106
Usable fireplace	29 038	21 240	119	66	7 614	7 393	185	27	9
Separate dining room	42 434	33 721	231	178	8 304	7 623	591	78	11
With 2 or more living rooms or recreation rooms, etc.	30 134	24 144	130	124	5 736	5 348	335	46	6
Garage or carport included with home	54 762	43 579	231	133	10 820	10 045	642	112	21
Not included	38 051	28 033	584	150	9 284	6 520	2 424	254	85
Offstreet parking included	29 130	20 258	392	92	8 388	5 945	2 188	182	73
Offstreet parking not reported	365	291	5	–	69	49	16	3	2
Garage or carport not reported	162	128	4	–	29	29	–	–	1
Cars and Trucks Available[1]									
No cars, trucks, or vans	9 755	8 297	208	46	1 204	741	329	74	60
Other households without cars	4 875	3 532	53	18	1 273	880	339	49	5
1 car with or without trucks or vans	45 061	34 580	381	105	9 995	8 129	1 688	148	30
2 cars	26 339	19 801	139	86	6 313	5 601	647	57	8
3 or more cars	6 944	5 531	38	29	1 346	1 243	63	38	3
With cars, no trucks or vans	52 016	40 230	443	140	11 204	9 645	1 355	165	38
1 truck or van with or without cars	25 467	18 951	153	81	6 282	5 104	1 076	96	6
2 or more trucks or vans	5 737	4 262	15	17	1 443	1 103	306	31	3
Owner or Manager on Property									
Rental, multiunit[2]	22 886	17 135	819	88	4 844	4 632	17	143	52
Owner or manager lives on property	7 303	5 238	172	9	1 884	1 821	–	45	17
Neither owner nor manager lives on property	12 109	9 351	399	40	2 319	2 180	16	89	35
Not reported	3 474	2 546	248	39	641	631	–	10	–
Selected Deficiencies[1]									
Signs of rats in last 3 months	3 280	2 593	54	26	608	314	260	28	5
Holes in floors	1 061	860	16	7	178	68	106	4	–
Open cracks or holes (interior)	4 472	3 850	54	26	542	353	173	17	–
Broken plaster or peeling paint (interior)	3 721	3 361	30	18	311	181	95	35	–
No electrical wiring	34	19	–	–	15	15	–	–	–
Exposed wiring	1 427	1 164	29	10	224	138	67	15	4
Rooms without electric outlets	1 590	1 368	21	5	196	108	75	12	–
Water Leakage During Last 12 Months									
No leakage from inside structure	82 019	63 090	723	235	17 970	14 898	2 676	300	96
With leakage from inside structure[1]	10 809	8 536	96	49	2 128	1 665	390	64	10
Fixtures backed up or overflowed	3 454	2 714	36	16	689	554	124	11	–
Pipes leaked	5 269	4 250	52	28	938	650	230	48	10
Other or unknown (includes not reported)	2 421	1 866	8	5	542	483	54	5	–
Interior leakage not reported	147	113	–	–	34	31	–	2	1
No leakage from outside structure	78 084	59 599	681	212	17 591	14 675	2 497	325	94
With leakage from outside structure[1]	14 647	11 957	132	70	2 488	1 871	567	39	12
Roof	6 302	4 999	72	30	1 202	742	431	19	9
Basement	5 024	4 633	26	27	338	329	–	2	7
Walls, closed windows, or doors	2 303	1 569	23	9	702	549	130	14	9
Other or unknown (includes not reported)	1 768	1 361	15	6	385	337	45	4	–
Exterior leakage not reported	244	184	6	1	53	48	2	2	1
Overall Opinion of Structure									
1 (worst)	576	486	7	4	79	51	29	–	–
2	362	304	7	1	51	24	27	–	–
3	597	488	12	–	96	49	47	–	–
4	1 042	854	19	5	163	86	65	8	4
5	6 170	5 028	84	18	1 039	583	410	37	9
6	4 541	3 754	51	11	725	480	212	22	11
7	10 574	8 458	113	44	1 960	1 525	393	37	5
8	22 525	17 700	220	82	4 523	3 762	685	40	36
9	13 746	10 408	107	40	3 190	2 831	281	70	8
10 (best)	32 089	23 634	193	78	8 185	7 116	887	149	33
Not reported	753	625	7	–	121	88	30	3	1
Selected Physical Problems									
Severe physical problems[1]	2 720	2 052	86	9	573	393	149	9	21
Plumbing	2 159	1 590	76	5	488	365	97	9	18
Heating	334	290	7	1	37	24	13	–	–
Electric	73	47	–	–	26	15	7	–	4
Upkeep	219	178	3	3	35	2	33	–	–
Hallways	–	–	–	–	–	–	–	–	–
Moderate physical problems[1]	4 383	3 716	48	24	596	275	259	36	26
Plumbing	275	228	2	1	44	32	10	2	–
Heating	1 940	1 659	10	10	261	84	154	22	–
Upkeep	1 839	1 621	21	14	183	87	85	11	–
Hallways	42	36	4	–	2	2	–	–	–
Kitchen	524	383	15	1	125	79	19	1	26

[1]Figures may not add to total because more than one category may apply to a unit.
[2]Two or more units of any tenure in the structure.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 2-8. Neighborhood—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**92 975**	**71 740**	**819**	**283**	**20 133**	**16 594**	**3 066**	**366**	**107**
Overall Opinion of Neighborhood									
1 (worst)	1 434	1 219	28	7	181	120	50	1	10
2	798	665	8	5	120	69	37	9	6
3	1 236	1 005	13	5	212	161	35	17	–
4	1 631	1 299	24	9	299	211	85	4	–
5	7 211	5 909	62	19	1 221	926	241	35	19
6	4 855	3 923	60	24	848	702	129	10	8
7	10 002	7 950	107	32	1 912	1 624	241	38	9
8	20 253	15 760	185	76	4 231	3 652	489	68	22
9	13 042	9 953	124	32	2 933	2 605	296	30	2
10 (best)	30 811	22 787	190	71	7 763	6 260	1 328	146	30
No neighborhood	684	426	9	–	249	154	90	6	–
Not reported	1 018	844	8	4	161	111	47	3	1
Neighborhood Conditions									
With neighborhood	91 273	70 470	801	279	19 722	16 329	2 929	358	106
No problems	56 585	43 282	490	140	12 673	10 344	2 025	245	59
With problems[1]	34 384	26 987	308	138	6 951	5 902	889	112	47
Crime	6 497	5 359	86	44	1 007	836	132	19	20
Noise	6 810	5 524	88	27	1 172	1 003	132	29	8
Traffic	6 692	5 589	73	23	1 006	862	107	24	12
Litter or housing deterioration	4 151	3 569	35	14	532	443	73	1	15
Poor city or county services	1 487	1 177	14	3	293	252	35	–	6
Undesirable commercial, institutional, industrial	1 572	1 307	15	10	240	195	34	5	6
People	11 244	8 805	95	52	2 291	1 825	376	55	35
Other	8 404	6 131	41	24	2 207	1 911	284	8	4
Type of problem not reported	618	440	4	1	173	147	23	2	–
Presence of problems not reported	304	202	3	1	98	83	14	1	–
Description of Area Within 300 Feet[1]									
Single-family detached houses	7 862	6 143	569	42	1 108	1 040	3	34	30
Only single-family detached	–	–	–	–	–	–	–	–	–
Single-family attached or 1 to 3 story multiunit	15 166	11 284	318	52	3 512	3 421	10	51	30
4 to 6 story multiunit	3 635	3 122	69	21	424	350	13	47	14
7 stories or more multiunit	1 952	1 750	21	11	171	122	7	42	–
Mobile homes	217	144	23	–	50	45	–	5	–
Commercial, institutional, or industrial	6 669	5 373	264	35	997	906	–	58	33
Residential parking lots	5 651	3 980	39	18	1 613	1 559	7	23	25
Body of water	815	548	29	2	237	230	–	7	–
Open space, park, farm, or ranch	4 131	2 764	142	18	1 207	1 132	7	65	3
4+ lane highway, railroad, or airport	2 559	1 924	72	14	548	491	13	34	10
Other	1 070	811	68	6	184	174	3	7	–
Not observed or not reported	2 355	1 727	92	2	533	514	–	19	–
Age of Other Residential Buildings Within 300 Feet									
Older	1 343	803	11	3	526	504	3	9	9
About the same	14 984	11 334	537	61	3 051	2 973	–	57	21
Newer	422	337	38	2	46	44	–	1	–
Very mixed	3 090	2 466	104	20	500	411	13	53	22
No other residential buildings	613	407	30	1	176	172	–	4	–
Not reported	2 423	1 786	90	2	546	527	–	19	–
Mobile Homes in Group									
Mobile homes	6 200	1 232	–	1	4 967	2 086	2 881	–	–
1 to 6	4 160	626	–	1	3 533	1 458	2 075	–	–
7 to 20	385	70	–	–	315	118	197	–	–
21 or more	1 639	536	–	–	1 103	509	594	–	–
Not reported	15	–	–	–	15	–	15	–	–
Other Buildings Vandalized or With Interior Exposed									
None	18 915	14 159	644	81	4 030	3 857	17	121	35
1 building	350	302	16	1	31	24	–	–	7
More than 1 building	597	525	21	4	48	37	–	1	10
No buildings within 300 feet	326	184	20	1	122	119	–	2	–
Not reported	2 687	1 963	109	2	614	595	–	19	–
Bars on Windows of Buildings									
With other buildings within 300 feet	19 861	14 986	681	86	4 109	3 918	17	122	52
No bars on windows	16 601	12 156	594	61	3 791	3 670	10	75	36
1 building with bars	601	481	20	6	94	58	7	29	–
2 or more buildings with bars	2 526	2 251	62	18	194	162	–	16	16
Not reported	134	98	5	1	30	28	–	2	–
Condition of Streets									
No repairs needed	15 400	11 207	533	60	3 599	3 443	13	100	43
Minor repairs needed	4 382	3 657	171	23	530	502	4	21	4
Major repairs needed	414	350	11	2	51	45	–	1	5
No streets within 300 feet	284	171	5	1	108	107	–	1	–
Not reported	2 395	1 747	90	2	556	535	–	21	–
Trash, Litter, or Junk on Streets or any Properties									
None	14 737	10 490	508	60	3 679	3 547	16	89	27
Minor accumulation	5 272	4 493	194	22	564	523	–	29	11
Major accumulation	493	415	18	2	58	39	–	4	14
Not reported	2 372	1 736	90	4	543	522	–	21	–

[1]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 2-9. Household Composition—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Population in housing units	**243 962**	**186 981**	**1 728**	**968**	**54 285**	**45 215**	**7 945**	**916**	**209**
Total	**92 975**	**71 740**	**819**	**283**	**20 133**	**16 594**	**3 066**	**366**	**107**
Persons									
1 person	22 201	17 537	337	44	4 283	3 272	812	148	51
2 persons	30 343	23 580	245	55	6 463	5 452	916	66	29
3 persons	16 353	12 454	125	55	3 720	3 094	576	39	10
4 persons	14 245	10 620	73	60	3 492	2 970	434	73	14
5 persons	6 309	4 750	18	31	1 510	1 297	190	23	–
6 persons	2 152	1 701	12	19	421	322	93	5	2
7 persons or more	1 371	1 099	9	19	243	187	44	12	–
Median	**2.3**	**2.3**	**1.8**	**3.3**	**2.4**	**2.4**	**2.3**	**2.0**	**1.6**
Number of Single Children Under 18 Years Old									
None	58 460	46 403	577	140	11 340	9 249	1 784	210	96
1	14 478	10 656	113	47	3 662	3 016	579	66	–
2	12 664	9 178	91	45	3 350	2 861	430	50	8
3	5 185	3 791	26	35	1 334	1 135	164	35	–
4	1 529	1 169	3	6	352	264	81	5	2
5	448	363	7	9	69	49	19	–	–
6 or more	211	180	3	1	27	19	8	–	–
Median	**.5-**	**.5-**	**.5-**	**.5**	**.5-**	**.5-**	**.5-**	**.5-**	**.5-**
Persons 65 Years Old and Over									
None	69 971	51 957	692	227	17 094	14 314	2 397	302	81
1 person	15 270	13 062	94	39	2 075	1 496	491	62	26
2 persons or more	7 734	6 720	33	17	964	784	178	2	–
Age of Householder									
Under 25 years	4 319	3 007	96	16	1 199	963	191	38	7
25 to 29	8 288	5 471	137	16	2 664	2 229	391	38	6
30 to 34	10 977	7 502	131	33	3 312	2 877	366	57	12
35 to 44	20 998	15 404	142	85	5 368	4 603	643	100	22
45 to 54	14 877	11 754	106	57	2 960	2 428	487	27	17
55 to 64	12 299	10 256	90	34	1 919	1 493	359	50	17
65 to 74	12 070	10 388	54	17	1 611	1 211	353	42	5
75 years and over	9 146	7 958	63	25	1 100	790	276	14	20
Median	**46**	**49**	**38**	**44**	**40**	**40**	**44**	**40**	**48**
Household Composition by Age of Householder									
2-or-more person households	70 773	54 203	481	239	15 849	13 322	2 254	218	56
Married-couple families, no nonrelatives	50 324	38 359	225	173	11 567	9 864	1 535	145	23
Under 25 years	1 317	854	21	4	437	323	97	17	–
25 to 29 years	4 057	2 559	33	9	1 456	1 219	228	9	–
30 to 34 years	6 385	4 245	37	22	2 082	1 854	203	18	6
35 to 44 years	12 626	9 088	46	59	3 433	2 992	391	48	2
45 to 64 years	16 864	13 720	59	61	3 024	2 565	400	43	15
65 years and over	9 075	7 894	28	19	1 135	909	216	9	–
Other male householder	7 291	5 451	93	21	1 725	1 418	270	21	16
Under 45 years	4 672	3 322	71	17	1 262	1 039	193	19	10
45 to 64 years	1 782	1 412	12	3	356	289	60	1	6
65 years and over	837	717	11	1	107	90	17	–	–
Other female householder	13 158	10 393	164	45	2 558	2 041	449	52	16
Under 45 years	7 783	5 784	120	23	1 856	1 541	255	50	11
45 to 64 years	3 381	2 809	37	15	520	379	136	–	5
65 years and over	1 994	1 800	6	6	181	121	58	2	–
1-person households	22 201	17 537	337	44	4 283	3 272	812	148	51
Male householder	8 735	6 682	179	17	1 858	1 389	356	94	19
Under 45 years	4 559	3 300	113	8	1 138	921	165	47	5
45 to 64 years	2 185	1 657	49	6	474	307	127	32	8
65 years and over	1 991	1 725	17	3	246	161	64	15	6
Female householder	13 466	10 855	158	27	2 426	1 883	456	54	32
Under 45 years	3 183	2 233	63	8	878	782	60	23	13
45 to 64 years	2 963	2 413	40	5	505	381	124	1	–
65 years and over	7 320	6 209	55	14	1 042	720	273	30	19
Adults and Single Children Under 18 Years Old									
Total households with children	34 515	25 337	242	143	8 792	7 344	1 282	156	11
Married couples	24 331	17 521	124	106	6 580	5 628	845	97	11
One child under 6 only	3 896	2 595	46	17	1 238	1 081	134	24	–
One under 6, one or more 6 to 17	4 315	2 962	14	24	1 315	1 135	148	28	4
Two or more under 6 only	2 401	1 630	24	11	737	645	92	–	–
Two or more under 6, one or more 6 to 17	1 321	965	7	10	339	290	44	5	–
One or more 6 to 17 only	12 398	9 369	33	45	2 951	2 477	427	41	6
Other households with two or more adults	4 670	3 677	33	25	936	708	199	29	–
One child under 6 only	928	710	6	5	207	166	38	3	–
One under 6, one or more 6 to 17	622	508	9	3	102	81	21	–	–
Two or more under 6 only	378	256	9	–	113	94	10	9	–
Two or more under 6, one or more 6 to 17	290	220	1	2	66	48	19	–	–
One or more 6 to 17 only	2 453	1 984	7	15	448	320	111	18	–
Households with one adult or none	5 513	4 139	85	13	1 276	1 009	237	29	–
One child under 6 only	794	579	20	1	194	159	31	4	–
One under 6, one or more 6 to 17	842	648	18	2	174	137	37	1	–
Two or more under 6 only	376	287	6	–	82	55	22	6	–
Two or more under 6, one or more 6 to 17	274	224	5	3	43	21	22	–	–
One or more 6 to 17 only	3 227	2 402	35	7	783	637	126	19	–
Total households with no children	58 460	46 403	577	140	11 340	9 249	1 784	210	96
Married couples	26 394	21 126	103	70	5 095	4 336	698	48	13
Other households with two or more adults	9 870	7 743	136	26	1 965	1 645	274	15	32
Households with one adult	22 196	17 534	337	44	4 280	3 269	812	148	51

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 2-9. Household Composition—Occupied Units—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Own Never Married Children Under 18 Years Old									
No own children under 18 years	61 504	48 911	589	158	11 845	9 621	1 892	236	96
With own children under 18 years	31 471	22 829	230	125	8 287	6 973	1 174	130	11
Under 6 years only	7 694	5 205	108	29	2 351	2 024	304	23	–
1	4 782	3 218	70	18	1 475	1 285	175	15	–
2	2 478	1 702	32	7	737	636	99	2	–
3 or more	434	284	6	4	139	103	30	6	–
6 to 17 years only	17 099	12 900	81	59	4 059	3 333	646	75	6
1	8 239	6 243	47	21	1 928	1 547	348	33	–
2	6 320	4 714	29	21	1 555	1 293	217	39	6
3 or more	2 541	1 943	5	16	576	493	80	3	–
Both age groups	6 678	4 723	40	37	1 877	1 616	224	33	4
2	3 096	2 105	21	14	956	849	97	8	2
3 or more	3 582	2 618	20	23	921	767	127	25	2
Persons Other Than Spouse or Children[1]									
With other relatives	21 207	17 431	113	102	3 560	2 887	588	71	15
Single adult offspring 18 to 29	11 924	9 845	52	60	1 967	1 619	284	54	10
Single adult offspring 30 years of age or over	3 325	3 007	12	18	288	182	102	3	–
Households with three generations	2 229	1 862	9	15	343	252	73	18	–
Households with 1 subfamily	2 231	1 853	10	13	356	259	77	20	–
Subfamily householder age under 30	1 260	1 005	9	6	240	163	57	20	–
30 to 64	865	778	1	6	81	63	18	–	–
65 and over	106	70	–	1	35	33	2	–	–
Households with 2 or more subfamilies	99	76	1	–	22	20	2	–	–
Households with other types of relatives	7 191	5 705	47	35	1 404	1 164	222	12	5
With non-relatives	6 222	4 561	110	19	1 532	1 284	203	18	27
Co-owners or co-renters	2 831	2 044	58	8	721	627	49	18	27
Lodgers	935	693	15	2	225	202	23	–	–
Unrelated children, under 18 years old	868	668	8	5	187	125	59	3	–
Other non-relatives	2 367	1 736	32	8	590	460	130	1	–
One or more secondary families	601	453	2	4	143	88	52	3	–
2-person households, none related to each other	3 361	2 409	72	4	877	759	86	11	21
3-8 person households, none related to each other	612	478	11	5	118	104	4	3	6
Years of School Completed by Householder									
No school years completed	340	278	2	2	58	36	17	–	5
Elementary:									
less than 8 years	4 527	3 764	39	20	704	376	297	20	11
8 years	4 258	3 595	26	11	626	376	234	15	2
High School:									
1 to 3 years	10 172	8 162	103	26	1 881	1 172	620	58	31
4 years	33 273	25 701	366	88	7 117	5 593	1 341	156	26
College:									
1 to 3 years	17 906	13 625	144	59	4 078	3 624	402	32	19
4 years or more	22 498	16 614	139	76	5 669	5 417	156	85	12
Median	**12.8**	**12.8**	**12.7**	**12.9**	**13.0**	**13.7**	**12.3**	**12.6**	**12.2**
Year Householder Moved Into Unit									
1990 to 1994	23 302	15 418	275	49	7 561	6 575	807	148	31
1985 to 1989	26 845	17 765	184	72	8 823	7 538	1 123	120	42
1980 to 1984	10 633	7 657	44	34	2 898	2 334	493	61	10
1975 to 1979	9 534	9 079	44	22	389	70	290	29	–
1970 to 1974	6 457	6 116	39	21	281	44	211	7	19
1960 to 1969	8 262	8 067	42	26	127	25	97	–	5
1950 to 1959	5 136	4 964	108	32	32	–	32	–	–
1940 to 1949	1 934	1 818	80	27	9	6	3	–	–
1939 or earlier	870	854	3	1	12	2	10	–	–
Median	**1981**	**1978**	**1975**	**1977**	**1986**	**1986**	**1985**	**1985**	**1985**
Household Moves and Formation in Last Year									
Total with a move in last year	19 048	12 915	287	57	5 789	4 973	643	138	35
Household all moved here from one unit	12 815	8 335	213	35	4 232	3 653	462	98	19
Householder of previous unit did not move here	2 603	1 797	73	6	727	621	78	20	8
Householder of previous unit moved here	9 730	6 263	136	28	3 303	2 850	364	77	11
Householder of previous unit not reported	482	275	4	1	202	182	20	–	–
Household moved here from two or more units	2 291	1 518	40	5	727	655	34	27	11
No previous householder moved here	593	422	13	1	158	139	8	5	6
1 previous householder moved here	424	265	13	1	145	127	6	7	5
2 or more previous householders moved here	1 053	688	14	2	349	314	20	15	–
Previous householder(s) not reported	220	144	–	1	76	76	–	–	–
Some already here, rest moved in	3 912	3 035	33	17	827	661	148	14	5
No previous householder moved here	1 407	1 083	15	6	302	227	70	–	5
1 or more previous householders moved here	1 881	1 479	14	6	382	310	59	14	–
Previous householder(s) not reported	624	472	4	5	143	124	19	–	–
Number of previous units not reported	30	26	–	–	3	3	–	–	–

[1]Figures may not add to total because more than one category may apply.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 2-10. Income Characteristics—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**92 975**	**71 740**	**819**	**283**	**20 133**	**16 594**	**3 066**	**366**	**107**
Household Income									
Less than $5,000	5 238	4 134	72	17	1 015	614	345	45	11
$5,000 to $9,999	9 301	7 543	115	27	1 617	1 034	505	47	32
$10,000 to $14,999	8 658	6 877	124	23	1 633	1 028	556	33	17
$15,000 to $19,999	7 936	6 319	86	20	1 511	1 056	389	57	8
$20,000 to $24,999	8 071	6 298	75	23	1 676	1 279	378	17	2
$25,000 to $29,999	8 692	6 823	79	27	1 763	1 454	238	50	20
$30,000 to $34,999	6 646	5 109	42	17	1 478	1 273	195	11	–
$35,000 to $39,999	5 410	4 147	46	16	1 201	1 043	130	27	1
$40,000 to $49,999	9 299	7 008	71	22	2 199	1 971	174	46	8
$50,000 to $59,999	7 002	5 298	37	24	1 642	1 563	74	3	2
$60,000 to $79,999	8 120	5 995	34	35	2 056	2 007	30	14	5
$80,000 to $99,999	3 653	2 670	13	10	960	937	19	4	–
$100,000 to $119,999	1 927	1 384	6	10	527	502	20	6	–
$120,000 or more	3 022	2 135	21	12	853	832	14	8	–
Median	**29 190**	**28 444**	**20 856**	**31 431**	**32 879**	**37 678**	**16 633**	**20 427**	**13 266**
As percent of poverty level:									
Less than 50 percent	4 595	3 609	60	21	904	590	274	40	1
50 to 99	7 781	6 197	95	25	1 464	863	530	44	27
100 to 149	9 602	7 538	133	30	1 901	1 251	570	50	30
150 to 199	9 121	7 270	87	33	1 731	1 217	478	32	5
200 percent or more	61 876	47 125	444	174	14 133	12 674	1 214	201	44
Income of Families and Primary Individuals									
Less than $5,000	5 744	4 511	77	17	1 139	693	383	47	16
$5,000 to $9,999	9 684	7 833	131	31	1 690	1 074	517	52	48
$10,000 to $14,999	9 002	7 152	127	24	1 698	1 116	535	31	17
$15,000 to $19,999	8 158	6 473	82	20	1 582	1 129	397	53	2
$20,000 to $24,999	8 273	6 415	77	21	1 760	1 357	381	20	2
$25,000 to $29,999	8 868	6 936	79	27	1 825	1 523	237	49	17
$30,000 to $34,999	6 532	5 016	49	18	1 449	1 255	184	11	–
$35,000 to $39,999	5 201	4 010	42	15	1 134	988	119	27	–
$40,000 to $49,999	8 931	6 767	53	20	2 090	1 878	167	43	3
$50,000 to $59,999	6 628	5 018	34	24	1 552	1 480	68	3	2
$60,000 to $79,999	7 682	5 670	32	34	1 946	1 900	30	16	–
$80,000 to $99,999	3 479	2 536	12	11	920	901	15	4	–
$100,000 to $119,999	1 845	1 329	2	9	505	482	20	3	–
$120,000 or more	2 948	2 074	21	12	841	820	14	8	–
Median	**28 172**	**27 513**	**19 512**	**30 325**	**31 282**	**35 763**	**16 238**	**20 003**	**8 930**
Income Sources of Families and Primary Individuals									
Wages and salaries	69 349	52 137	620	226	16 366	13 849	2 190	278	49
Wages and salaries were majority of income	61 816	46 094	549	210	14 964	12 718	1 949	249	48
2 or more people each earned over 20% of wages and salaries	23 857	17 880	111	104	5 763	5 087	599	70	8
Business, farm, or ranch	10 848	8 116	93	46	2 593	2 234	290	64	4
Social security or pensions	28 910	24 425	183	67	4 236	3 196	902	83	54
Interest or dividend(s)	22 327	17 992	94	58	4 183	3 799	319	47	17
Rental income	8 010	6 402	147	54	1 407	1 266	122	16	3
With lodger(s)	935	693	15	2	225	202	23	–	–
Welfare or SSI	6 157	4 923	110	30	1 094	657	377	28	32
Alimony or child support	3 916	2 892	30	10	984	815	150	17	1
Other	8 940	6 817	91	25	2 007	1 589	390	23	4
Amount of Savings and Investments									
Income of $25,000 or less	42 875	34 018	518	119	8 221	5 655	2 251	217	97
No savings or investments	20 483	15 853	305	64	4 261	2 685	1 407	118	50
$25,000 or less	13 776	11 169	154	41	2 411	1 701	605	78	28
More than $25,000	4 256	3 596	24	7	629	500	110	10	10
Not reported	4 360	3 400	35	6	919	769	129	12	9
Food Stamps									
Income of $25,000 or less	42 875	34 018	518	119	8 221	5 655	2 251	217	97
Family members received food stamps	6 402	5 037	114	25	1 226	720	463	44	–
Did not receive food stamps	33 665	26 881	380	89	6 316	4 357	1 712	158	88
Not reported	2 808	2 101	24	5	678	578	76	15	9
Rent Reductions									
No subsidy or income reporting	26 608	20 423	539	81	5 567	4 597	730	173	66
Rent control	1 059	997	7	2	53	42	4	7	–
No rent control	25 518	19 399	532	78	5 509	4 551	727	166	66
Reduced by owner	1 703	1 385	59	9	250	133	65	38	13
Not reduced by owner	23 619	17 857	462	70	5 231	4 394	657	127	52
Owner reduction not reported	196	157	11	–	29	23	5	–	1
Rent control not reported	31	26	–	–	4	4	–	–	–
Owned by public housing authority	1 993	1 592	22	8	371	340	9	12	9
Other, Federal subsidy	1 512	1 100	15	5	392	338	24	29	1
Other, State or local subsidy	550	432	18	3	97	48	10	16	24
Other, income verification	432	358	7	–	68	68	–	–	–
Subsidy or income verification not reported	367	300	7	–	60	36	20	4	–

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 2-11. Selected Housing Costs—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**92 975**	**71 740**	**819**	**283**	**20 133**	**16 594**	**3 066**	**366**	**107**
Monthly Housing Costs									
Less than $100	2 090	1 456	7	3	624	292	319	12	1
$100 to $199	11 498	9 443	36	19	1 999	1 102	824	58	15
$200 to $249	6 107	5 123	62	7	914	587	301	13	13
$250 to $299	5 803	4 836	56	14	896	594	260	43	–
$300 to $349	5 611	4 618	61	20	913	556	311	44	2
$350 to $399	5 364	4 362	56	18	927	642	267	11	7
$400 to $449	5 341	4 255	54	17	1 016	788	186	42	–
$450 to $499	5 004	3 990	47	12	955	818	116	19	2
$500 to $599	8 613	6 751	112	23	1 727	1 587	112	22	6
$600 to $699	6 864	5 260	51	28	1 525	1 431	49	13	32
$700 to $799	5 282	3 981	48	20	1 234	1 190	30	12	2
$800 to $999	6 958	5 068	63	26	1 801	1 749	50	2	–
$1,000 to $1,249	4 422	2 875	32	20	1 495	1 461	21	9	4
$1,250 to $1,499	2 457	1 596	26	12	823	817	6	–	–
$1,500 or more	4 021	2 465	11	19	1 526	1 509	17	–	–
No cash rent	2 314	1 794	60	7	454	264	123	45	22
Mortgage payment not reported	5 224	3 866	37	19	1 302	1 206	75	21	–
Median (excludes no cash rent)	**459**	**438**	**480**	**581**	**555**	**642**	**248**	**328**	**532**
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	**474**	**446**	**633**	**690**	**613**	**764**	**220**	**302**	**...**
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	**220**	**192**	**252**	**368**	**357**	**502**	**100-**	**189**	**...**
Monthly Housing Costs as Percent of Current Income									
Less than 5 percent	2 850	2 167	8	8	667	449	191	26	–
5 to 9 percent	10 045	8 231	38	25	1 750	1 215	495	39	1
10 to 14 percent	12 571	10 203	58	29	2 281	1 799	422	57	3
15 to 19 percent	13 392	10 444	71	39	2 837	2 400	398	28	12
20 to 24 percent	11 143	8 243	101	32	2 767	2 439	276	45	6
25 to 29 percent	9 020	6 696	81	25	2 217	2 004	191	17	5
30 to 34 percent	6 137	4 480	71	19	1 566	1 367	158	28	13
35 to 39 percent	4 119	3 082	60	12	965	793	158	10	4
40 to 49 percent	5 082	3 817	70	23	1 172	970	190	8	4
50 to 59 percent	2 798	2 237	44	8	509	437	67	1	5
60 to 69 percent	1 739	1 351	32	5	351	283	52	10	5
70 to 99 percent	2 502	1 973	27	14	488	366	94	11	17
100 percent or more[1]	3 080	2 408	45	15	611	469	117	16	9
Zero or negative income	958	746	16	2	194	133	55	6	–
No cash rent	2 314	1 794	60	7	454	264	123	45	22
Mortgage payment not reported	5 224	3 866	37	19	1 302	1 206	75	21	–
Median (excludes 3 previous lines)	**22**	**21**	**30**	**24**	**23**	**23**	**19**	**20**	**37**
Median (excludes 4 lines before medians)	**21**	**20**	**28**	**23**	**22**	**23**	**18**	**18**	**34**
Rent Paid by Lodgers									
Lodgers in housing units	935	693	15	2	225	202	23	–	–
Less than $100 per month	44	37	–	–	6	5	1	–	–
$100 to $199	219	163	4	–	52	41	11	–	–
$200 to $299	261	210	4	2	45	45	–	–	–
$300 to $399	135	81	–	–	54	50	4	–	–
$400 or more per month	158	116	6	–	35	32	3	–	–
Not reported	118	85	–	–	32	29	4	–	–
Median	**256**	**249**	**...**	**...**	**284**	**289**	**...**	**...**	**...**
Monthly Cost Paid for Electricity									
Electricity used	92 926	71 711	819	283	20 113	16 579	3 066	366	103
Less than $25	9 417	7 829	87	14	1 487	1 160	260	60	7
$25 to $49	27 217	21 620	202	83	5 311	4 199	967	132	14
$50 to $74	21 188	15 953	127	60	5 047	4 243	747	52	5
$75 to $99	11 776	8 566	55	43	3 112	2 603	479	29	–
$100 to $149	9 135	6 456	33	19	2 627	2 382	235	11	–
$150 to $199	2 423	1 781	15	8	619	560	51	8	–
$200 or more	1 133	770	10	5	348	296	42	10	–
Median	**55**	**53**	**47**	**58**	**62**	**64**	**55**	**42**	**36**
Included in rent, other fee, or obtained free	10 638	8 735	288	51	1 563	1 136	286	64	77
Monthly Cost Paid for Piped Gas									
Piped gas used	58 005	48 853	563	225	8 365	7 150	949	186	79
Less than $25	13 911	11 208	103	37	2 563	2 176	324	50	13
$25 to $49	19 093	15 987	105	39	2 962	2 603	338	21	1
$50 to $74	9 442	8 242	43	37	1 119	1 006	94	20	–
$75 to $99	3 304	2 936	22	18	328	289	25	9	4
$100 to $149	1 541	1 354	17	24	146	130	11	4	–
$150 to $199	407	364	13	7	23	17	5	1	–
$200 or more	346	285	7	5	48	39	9	–	–
Median	**38**	**39**	**37**	**55**	**34**	**34**	**31**	**28**	**25-**
Included in rent, other fee, or obtained free	9 962	8 477	252	57	1 175	890	143	81	61

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 2-11. Selected Housing Costs—Occupied Units—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Average Monthly Cost Paid for Fuel Oil									
Fuel oil used	13 644	12 175	204	60	1 204	790	353	44	17
Less than $25	1 310	1 086	12	–	212	107	103	2	–
$25 to $49	2 665	2 292	39	5	330	198	124	8	–
$50 to $74	2 736	2 456	21	10	249	174	66	10	–
$75 to $99	1 562	1 415	23	10	115	82	31	–	2
$100 to $149	1 439	1 324	12	13	90	88	2	–	–
$150 to $199	330	315	2	4	9	7	2	–	–
$200 or more	296	268	6	5	18	18	–	–	–
Median	**61**	**62**	**58**	**96**	**48**	**55**	**37**	**...**	**...**
Included in rent, other fee, or obtained free	3 305	3 019	89	15	182	118	25	25	14
Property Insurance									
Property insurance paid	66 360	51 502	297	203	14 358	12 495	1 664	168	31
Median per month	**27**	**26**	**30**	**31**	**27**	**28**	**19**	**23**	**...**
Monthly Costs Paid for Selected Utilities and Fuels									
Water paid separately	47 701	38 425	267	161	8 848	7 750	975	108	15
Median	**21**	**21**	**23**	**24**	**23**	**24**	**19**	**20**	**...**
Trash paid separately	34 350	27 087	158	83	7 021	6 112	813	83	13
Median	**12**	**12**	**14**	**11**	**13**	**14**	**10-**	**11**	**...**
Bottled gas paid separately	6 941	4 333	39	17	2 552	1 371	1 112	60	10
Median	**44**	**44**	**...**	**...**	**43**	**47**	**39**	**28**	**...**
Other fuel paid separately	12 510	8 995	58	35	3 421	2 666	682	66	7
Median	**10**	**11**	**...**	**...**	**10-**	**10-**	**18**	**15**	**...**
OWNER OCCUPIED UNITS									
Total	**61 512**	**47 536**	**212**	**186**	**13 578**	**11 167**	**2 273**	**132**	**6**
Cost and Ownership Sharing									
Ownership shared by person not living here	2 145	1 736	22	6	380	317	58	5	–
Costs shared by person not living here	433	328	7	3	95	84	12	–	–
Costs not shared	1 704	1 399	16	3	285	234	46	5	–
Cost sharing not reported	8	8	–	–	–	–	–	–	–
Ownership not shared	58 451	45 094	181	180	12 996	10 694	2 183	114	6
Costs shared by person not living here	247	174	5	–	68	52	17	–	–
Costs not shared	58 007	44 758	176	179	12 894	10 611	2 163	114	6
Cost sharing not reported	197	161	–	1	34	31	3	–	–
Ownership sharing not reported	916	706	9	–	201	156	32	12	1
Monthly Payment for Principal and Interest									
Less than $100	830	772	–	4	54	39	15	–	–
$100 to $199	3 195	2 635	–	9	550	361	175	15	–
$200 to $249	2 177	1 694	–	8	475	338	124	10	2
$250 to $299	2 260	1 827	7	9	416	322	89	5	–
$300 to $349	2 132	1 727	7	8	390	338	51	–	–
$350 to $399	1 991	1 620	2	9	359	331	26	–	3
$400 to $449	1 875	1 516	9	10	340	323	18	–	–
$450 to $499	1 682	1 328	4	7	343	336	7	–	–
$500 to $599	3 266	2 368	8	9	881	844	30	7	–
$600 to $699	2 528	1 802	12	12	701	684	14	3	–
$700 to $799	1 948	1 216	7	5	720	718	2	–	–
$800 to $999	2 449	1 487	20	8	934	924	10	–	–
$1,000 to $1,249	1 911	1 184	2	14	711	707	4	–	–
$1,250 to $1,499	925	527	8	3	388	388	–	–	–
$1,500 or more	1 641	960	2	7	672	656	15	–	–
Not reported	5 224	3 866	37	19	1 302	1 206	75	21	–
Median	**478**	**435**	**658**	**475**	**622**	**662**	**240**	**229**	**...**
Average Monthly Cost Paid for Real Estate Taxes									
Less than $25	12 201	8 251	9	17	3 925	2 175	1 710	37	3
$25 to $49	10 959	8 974	26	30	1 928	1 565	305	58	–
$50 to $74	8 950	7 392	17	27	1 513	1 388	113	12	–
$75 to $99	6 496	5 190	37	26	1 243	1 205	38	–	–
$100 to $149	9 606	7 600	39	27	1 940	1 869	56	12	3
$150 to $199	5 344	4 241	28	14	1 061	1 026	34	1	–
$200 or more	7 957	5 888	56	45	1 968	1 939	17	11	–
Median	**71**	**72**	**121**	**93**	**65**	**84**	**25-**	**37**	**...**
Annual Taxes Paid Per $1,000 Value									
Less than $5	10 586	8 089	28	19	2 450	1 799	596	54	1
$5 to $9	17 117	13 126	34	49	3 909	3 516	369	23	–
$10 to $14	13 769	10 539	33	36	3 162	2 796	340	21	5
$15 to $19	7 484	5 974	43	24	1 443	1 230	188	25	–
$20 to $24	4 892	3 927	11	27	928	811	110	7	1
$25 or more	7 663	5 882	64	31	1 686	1 015	670	1	–
Median	**11**	**11**	**16**	**13**	**11**	**10**	**13**	**8**	**...**
Routine Maintenance in Last Year									
Less than $25 per month	40 213	30 139	99	99	9 876	7 947	1 820	103	6
$25 to $49	10 250	8 332	43	40	1 835	1 569	259	6	–
$50 to $74	2 142	1 773	16	11	342	292	50	–	–
$75 to $99	2 678	2 212	13	9	445	404	33	7	–
$100 to $149	1 229	1 009	7	3	210	183	24	3	–
$150 to $199	1 137	965	9	11	152	144	8	–	–
$200 or more per month	1 487	1 200	9	7	271	266	5	–	–
Not reported	2 375	1 907	16	5	447	362	73	12	1
Median	**25-**	**25-**	**25-**	**25-**	**25-**	**25-**	**25-**	**25-**	**...**

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 2-11. Selected Housing Costs—Occupied Units—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
OWNER OCCUPIED UNITS—Con.									
Condominium and Cooperative Fee									
Fee paid by owners	2 406	1 501	2	8	896	892	–	4	–
Less than $25 per month	29	19	–	–	10	10	–	–	–
$25 to $49	78	57	1	–	21	21	–	–	–
$50 to $74	210	80	–	–	129	129	–	–	–
$75 to $99	338	159	–	–	179	179	–	–	–
$100 to $149	720	398	1	–	320	320	–	–	–
$150 to $199	365	261	–	1	103	103	–	–	–
$200 or more per month	555	457	–	5	93	90	–	4	–
Not reported	112	69	–	2	40	40	–	–	–
Median	**134**	**150**	**...**	**...**	**114**	**114**	**...**	**...**	**...**
Other Housing Costs Per Month									
Homeowner association fee paid	2 080	1 240	2	3	836	832	–	4	–
Median	**130**	**142**	**...**	**...**	**114**	**114**	**...**	**...**	**...**
Mobile home park fee paid	189	78	–	–	111	51	60	–	–
Median	**71**	**45**	**...**	**...**	**87**	**...**	**44**	**...**	**...**
Land rent fee paid	82	73	2	–	7	4	–	3	–
Median	**16**	**13**	**...**	**...**	**...**	**...**	**...**	**...**	**...**

[1] May reflect a temporary situation, living off savings, or response error.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 3-1. Introductory Characteristics—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**61 512**	**47 536**	**212**	**186**	**13 578**	**11 167**	**2 273**	**132**	**6**
Tenure									
Owner occupied	61 512	47 536	212	186	13 578	11 167	2 273	132	6
Percent of all occupied	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Renter occupied	...	...	...	...	...	...	...	...	...
Race and Origin									
White	55 506	42 788	190	154	12 374	10 196	2 044	128	6
Non-Hispanic	53 087	40 916	178	145	11 848	9 799	1 926	117	6
Hispanic	2 419	1 872	12	9	526	397	118	11	–
Black	4 574	3 776	12	26	759	573	186	–	–
Other	1 432	972	9	5	445	398	43	4	–
Total Hispanic	2 570	1 992	12	11	555	416	128	11	–
Units in Structure									
1, detached	50 270	42 082	–	135	8 053	7 781	147	118	6
1, attached	2 749	1 881	–	11	858	854	–	3	–
2 to 4	1 869	1 421	210	27	211	208	–	3	–
5 to 9	395	266	2	4	122	119	–	3	–
10 to 19	320	169	–	–	151	151	–	–	–
20 to 49	340	262	–	–	79	79	–	–	–
50 or more	509	424	–	7	78	74	–	4	–
Mobile home or trailer	5 059	1 032	–	1	4 026	1 901	2 126	–	–
Cooperatives and Condominiums									
Cooperatives	390	347	–	3	39	28	12	–	–
Condominiums	2 354	1 416	4	6	928	924	–	4	–
Year Structure Built[1]									
1990 to 1994	1 565	–	–	–	1 565	1 565	–	–	–
1985 to 1989	5 254	–	–	–	5 254	5 254	–	–	–
1980 to 1984	4 660	252	–	–	4 408	4 348	61	–	–
1975 to 1979	7 338	6 341	10	9	978	–	912	60	6
1970 to 1974	6 302	5 554	14	9	726	–	719	7	1
1960 to 1969	10 116	9 616	24	15	462	–	458	4	–
1950 to 1959	9 621	9 440	51	28	102	–	91	11	–
1940 to 1949	4 933	4 861	28	28	17	–	11	5	–
1930 to 1939	3 598	3 402	81	89	27	–	6	21	–
1920 to 1929	2 935	2 912	2	–	21	–	4	17	–
1919 or earlier	5 188	5 159	4	8	18	–	11	7	–
Median	**1964**	**1958**	**1947**	**1940**	**1984**	**1985**	**1974**	**1971**	**...**
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	46 047	35 948	186	151	9 761	8 565	1 157	34	6
In central cities	14 665	12 708	69	93	1 795	1 685	103	6	1
Suburbs	31 382	23 240	117	58	7 966	6 879	1 054	28	5
Outside metropolitan statistical areas	15 465	11 588	26	35	3 816	2 602	1 116	97	1
Regions									
Northeast	12 037	10 024	101	76	1 836	1 562	262	12	–
Midwest	16 008	13 650	45	57	2 256	1 973	257	23	3
South	21 941	15 285	32	25	6 599	5 234	1 285	80	1
West	11 526	8 577	34	28	2 887	2 398	469	16	3
Urbanized Areas									
Inside urbanized areas	34 665	28 988	137	137	5 403	5 001	394	7	1
In central cities of (P)MSA's	14 374	12 507	68	93	1 706	1 596	103	6	1
Urban fringe	20 291	16 481	69	44	3 697	3 405	291	1	–
Outside urbanized areas	26 847	18 548	75	49	8 175	6 166	1 878	124	6
Other urban	7 759	6 434	23	28	1 275	1 083	181	10	–
Rural	19 087	12 115	52	21	6 900	5 083	1 697	115	6
Place Size[2]									
Less than 2,500 persons	3 255	2 799	18	9	430	293	120	16	–
2,500 to 9,999 persons	6 624	5 593	36	21	974	793	173	8	–
10,000 to 19,999 persons	5 861	5 119	15	22	704	620	81	3	–
20,000 to 49,999 persons	8 279	7 078	40	26	1 134	1 044	89	–	1
50,000 to 99,999 persons	4 895	4 267	4	12	612	564	48	–	–
100,000 to 249,999 persons	4 035	3 360	14	13	649	616	32	–	–
250,000 to 499,999 persons	2 495	2 219	12	12	252	230	17	5	–
500,000 to 999,999 persons	2 250	1 936	11	16	288	275	13	–	–
1,000,000 persons or more	2 555	2 366	18	39	132	114	17	1	–

[1]For mobile home, oldest category is 1939 or earlier.
[2]Figures will not add to total, because all units are not in Places.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 3-2. Height and Condition of Building—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**61 512**	**47 536**	**212**	**186**	**13 578**	**11 167**	**2 273**	**132**	**6**
Stories in Structure									
1	268	180	17	–	71	70	–	1	–
2	930	581	86	6	257	254	–	2	–
3	1 224	939	86	16	183	180	–	3	–
4 to 6	618	496	14	9	99	98	–	–	–
7 or more	383	344	–	8	32	28	–	4	–
Not reported	11	2	9	–	–	–	–	–	–
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	3 155	2 360	186	39	570	561	–	9	–
None (on same floor)	1 276	944	115	19	198	195	–	3	–
1 (up or down)	699	523	39	9	128	126	–	2	–
2 or more (up or down)	773	608	10	10	145	145	–	–	–
Not reported	407	285	22	1	99	95	–	4	–
Common Stairways									
Multiunits, 2 or more floors	3 155	2 360	186	39	570	561	–	9	–
No common stairways	886	599	116	12	160	160	–	–	–
With common stairways	1 891	1 499	49	25	318	312	–	6	–
No loose steps	1 820	1 442	47	25	306	300	–	6	–
Railings not loose	1 634	1 296	36	24	278	273	–	6	–
Railings loose	34	23	–	–	11	11	–	–	–
No railings	119	96	10	1	11	11	–	–	–
Status of railings not reported	33	26	2	–	5	5	–	–	–
Loose steps	62	50	2	–	10	10	–	–	–
Railings not loose	39	31	–	–	8	8	–	–	–
Railings loose	13	12	2	–	–	–	–	–	–
No railings	5	5	–	–	–	–	–	–	–
Status of railings not reported	5	3	–	–	2	2	–	–	–
Status of steps not reported	9	7	–	–	2	2	–	–	–
Status of stairways not reported	378	262	22	2	93	89	–	4	–
Light Fixtures in Public Halls									
2 or more units in structure	3 423	2 540	203	39	641	631	–	10	–
No public halls	1 288	847	152	14	275	274	–	1	–
No light fixtures in public halls	3	–	2	–	1	–	–	1	–
All in working order	1 241	997	20	20	204	200	–	3	–
Some in working order	18	16	2	–	–	–	–	–	–
None in working order	3	2	–	1	–	–	–	–	–
Unable to determine if working	392	330	2	3	57	56	–	2	–
Not reported	478	347	25	2	104	100	–	4	–
Elevator on Floor									
Multiunits, 2 or more floors	3 155	2 360	186	39	570	561	–	9	–
With 1 or more elevators working	629	498	–	7	124	124	–	–	–
With elevator, none in working condition	28	26	–	–	2	2	–	–	–
No elevator	2 116	1 565	165	31	355	350	–	6	–
Units 3 or more floors from main entrance	58	51	–	1	7	7	–	–	–
Not reported	382	272	21	1	88	84	–	4	–
Foundation									
1 unit bldg. excl. mobile homes	53 019	43 963	–	146	8 910	8 636	147	121	6
With basement under all of building	19 872	17 125	–	84	2 663	2 602	39	20	3
With basement under part of building	6 851	6 093	–	31	727	708	6	11	2
With crawl space	12 603	10 814	–	18	1 771	1 656	67	47	1
On concrete slab	12 774	9 152	–	13	3 609	3 545	22	43	–
Other	916	778	–	1	137	122	14	–	1
Not reported	2	–	–	–	2	2	–	–	–
External Building Conditions[1]									
Sagging roof	7	7	–	–	–	–	–	–	–
Missing roofing material	13	12	2	–	–	–	–	–	–
Hole in roof	5	5	–	–	–	–	–	–	–
Could not see roof	286	235	13	5	33	33	–	–	–
Missing bricks, siding, other outside wall material	20	12	8	–	–	–	–	–	–
Sloping outside walls	5	5	–	–	–	–	–	–	–
Boarded up windows	2	2	–	–	–	–	–	–	–
Broken windows	7	7	–	–	–	–	–	–	–
Bars on windows	54	48	2	1	3	3	–	–	–
Foundation crumbling or has open crack or hole	22	17	4	1	–	–	–	–	–
Could not see foundation	111	83	4	1	23	23	–	–	–
None of the above	2 490	1 848	149	32	461	454	–	6	–
Could not observe or not reported	563	393	33	1	137	133	–	4	–
Site Placement									
Mobile homes	5 059	1 032	–	1	4 026	1 901	2 126	–	–
First site	2 899	678	–	–	2 221	1 358	863	–	–
Moved from another site	1 547	197	–	–	1 351	428	923	–	–
Don't know	452	121	–	–	331	76	255	–	–
Not reported	160	36	–	–	124	39	85	–	–
Previous Occupancy									
Unit built 1980 or later	11 479	252	–	–	11 228	11 167	61	–	–
Not previously occupied	7 738	75	–	–	7 663	7 627	35	–	–
Not reported	876	84	–	–	792	785	7	–	–

[1]Figures may not add to total because more than one category may apply.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 3-3. Size of Unit and Lot—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**61 512**	**47 536**	**212**	**186**	**13 578**	**11 167**	**2 273**	**132**	**6**
Rooms									
1 room	38	35	–	–	4	3	–	–	1
2 rooms	50	47	–	–	4	–	3	1	–
3 rooms	910	665	19	4	222	109	97	13	3
4 rooms	6 712	4 305	39	11	2 357	1 364	959	35	–
5 rooms	14 022	10 659	56	12	3 295	2 526	749	17	3
6 rooms	16 067	12 987	39	33	3 008	2 667	303	38	–
7 rooms	11 187	9 174	31	38	1 944	1 853	90	–	–
8 rooms	7 032	5 506	19	35	1 472	1 421	43	7	–
9 rooms	3 187	2 389	6	20	771	732	26	14	–
10 rooms or more	2 305	1 770	3	32	500	492	1	7	–
Median	**6.1**	**6.1**	**5.4**	**7.4**	**5.8**	**6.1**	**4.6**	**5.5**	**...**
Bedrooms									
None	67	62	–	–	5	3	1	1	1
1	1 783	1 381	41	8	353	200	135	15	3
2	15 339	11 337	72	28	3 902	2 579	1 266	58	–
3	31 514	24 589	79	72	6 774	5 900	828	43	3
4 or more	12 808	10 167	20	78	2 543	2 485	44	15	–
Median	**2.9**	**2.9**	**2.4**	**3.3**	**2.9**	**3.0**	**2.3**	**2.4**	**...**
Complete Bathrooms									
None	204	168	–	–	36	22	13	–	–
1	21 056	18 042	135	36	2 843	1 515	1 279	44	4
1 and one-half	11 791	10 235	32	22	1 502	1 138	343	21	–
2 or more	28 460	19 091	44	128	9 198	8 492	637	66	3
Square Footage of Unit									
Single detached and mobile homes	55 329	43 114	–	136	12 079	9 682	2 273	118	6
Less than 500	426	228	–	–	198	38	157	–	3
500 to 749	1 756	1 087	–	5	664	134	530	–	–
750 to 999	4 573	2 940	–	1	1 632	878	738	17	–
1,000 to 1,499	12 694	10 052	–	15	2 627	2 138	449	37	3
1,500 to 1,999	11 891	9 720	–	15	2 155	2 016	120	20	–
2,000 to 2,499	8 778	7 239	–	12	1 527	1 459	54	14	–
2,500 to 2,999	4 723	3 836	–	8	879	862	7	10	–
3,000 to 3,999	4 332	3 423	–	9	900	883	17	–	–
4,000 or more	2 418	1 878	–	11	529	514	11	4	–
Not reported	3 738	2 709	–	61	968	759	191	17	1
Median	**1 767**	**1 803**	**...**	**2 116**	**1 601**	**1 816**	**870**	**1 459**	**...**
Lot Size									
Less than one-eighth acre	5 717	4 566	–	36	1 114	781	332	–	1
One-eighth up to one-quarter acre	11 741	9 928	–	34	1 780	1 604	160	15	–
One-quarter up to one-half acre	9 028	7 185	–	14	1 829	1 686	143	–	–
One-half up to one acre	6 378	4 866	–	9	1 503	1 260	232	11	–
1 to 4 acres	8 695	5 938	–	10	2 747	2 105	591	48	3
5 to 9 acres	1 411	874	–	2	534	391	143	–	–
10 acres or more	2 793	2 041	–	1	750	536	190	22	2
Don't know	11 092	8 904	–	41	2 147	1 676	448	22	1
Not reported	1 224	692	–	–	532	496	33	3	–
Median	**.40**	**.36**	**...**	**.19**	**.64**	**.54**	**1.19**	**2.84**	**...**
Persons Per Room									
0.50 or less	44 080	34 836	167	123	8 955	7 492	1 362	98	3
0.51 to 1.00	16 502	12 032	45	57	4 368	3 525	805	34	3
1.01 to 1.50	808	589	–	6	213	123	89	–	–
1.51 or more	122	80	–	–	42	26	16	–	–
Square Feet Per Person									
Single detached and mobile homes	55 329	43 114	–	136	12 079	9 682	2 273	118	6
Less than 200	1 284	810	–	3	471	182	289	–	1
200 to 299	3 220	2 174	–	2	1 044	647	386	9	2
300 to 399	5 136	3 746	–	9	1 381	1 049	316	17	–
400 to 499	5 711	4 215	–	10	1 487	1 160	311	14	3
500 to 599	5 090	3 910	–	11	1 170	989	180	–	–
600 to 699	5 030	3 993	–	9	1 028	891	137	–	–
700 to 799	4 302	3 383	–	7	911	744	156	12	–
800 to 899	3 302	2 615	–	2	685	603	79	3	–
900 to 999	2 949	2 325	–	1	623	522	97	4	–
1,000 to 1,499	8 649	7 191	–	17	1 442	1 317	95	30	–
1,500 or more	6 917	6 042	–	6	870	819	37	14	–
Not reported	3 738	2 709	–	61	968	759	191	17	1
Median	**708**	**740**	**...**	**643**	**600**	**649**	**416**	**799**	**...**

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 3-4. Selected Equipment and Plumbing—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**61 512**	**47 536**	**212**	**186**	**13 578**	**11 167**	**2 273**	**132**	**6**
Equipment[1]									
Lacking complete kitchen facilities	331	224	5	–	102	80	19	–	2
With complete kitchen (sink, refrigerator and burners)	61 181	47 312	207	186	13 476	11 087	2 253	132	4
Kitchen Sink	61 349	47 425	212	186	13 527	11 123	2 265	132	6
Refrigerator	61 429	47 489	210	186	13 544	11 144	2 263	132	6
Less than 5 years old	21 615	15 140	64	70	6 341	5 580	713	44	3
Age not reported	362	281	2	–	78	69	9	–	–
Burners and oven	61 397	47 445	210	186	13 557	11 151	2 270	132	4
Less than 5 years old	17 782	11 455	56	55	6 216	5 664	497	53	3
Age not reported	488	364	1	–	123	97	26	–	–
Burners only	38	36	–	–	2	2	–	–	–
Less than 5 years old	–	–	–	–	–	–	–	–	–
Age not reported	11	9	–	–	2	2	–	–	–
Oven only	35	23	–	–	12	8	2	–	2
Less than 5 years old	14	14	–	–	–	–	–	–	–
Age not reported	–	–	–	–	–	–	–	–	–
Neither burners nor oven	41	32	2	–	7	7	–	–	–
Dishwasher	36 257	26 550	108	87	9 511	8 913	542	53	3
Less than 5 years old	13 621	8 448	33	40	5 099	4 898	162	36	3
Age not reported	356	253	2	2	99	89	9	–	–
Washing machine	57 540	44 444	183	167	12 747	10 814	1 821	109	3
Less than 5 years old	20 297	14 394	60	53	5 790	5 034	707	46	3
Age not reported	377	300	–	1	76	65	11	–	–
Clothes dryer	53 756	41 224	165	147	12 220	10 563	1 544	109	3
Less than 5 years old	16 632	11 331	35	41	5 226	4 704	482	38	3
Age not reported	367	285	–	–	82	65	17	–	–
Disposal in kitchen sink	25 692	18 642	38	56	6 956	6 683	250	23	–
Less than 5 years old	10 731	6 565	14	30	4 122	4 027	82	13	–
Age not reported	406	317	–	2	87	84	3	–	–
Air conditioning:									
Central	29 181	20 307	41	36	8 797	8 040	695	59	3
1 room unit	9 948	8 358	42	30	1 517	818	687	12	1
2 room units	4 968	4 317	27	31	592	319	256	17	–
3 room units or more	2 122	2 013	12	20	76	46	29	1	–
Main Heating Equipment									
Warm-air furnace	36 459	28 181	95	73	8 110	6 659	1 391	55	6
Steam or hot water system	7 643	6 958	76	82	528	501	25	2	–
Electric heat pump	5 493	2 875	9	3	2 606	2 445	145	16	–
Built-in electric units	2 958	2 202	11	6	738	650	78	11	–
Floor, wall, or other built-in hot air units without ducts	2 031	1 934	4	3	90	42	46	1	–
Room heaters with flue	1 407	1 247	–	5	154	66	86	2	1
Room heaters without flue	1 216	1 006	2	4	204	73	121	10	–
Portable electric heaters	400	284	2	–	114	30	85	–	–
Stoves	2 089	1 461	8	4	616	385	201	30	–
Fireplaces with inserts	529	404	–	–	125	113	12	–	–
Fireplaces without inserts	312	233	–	–	79	72	7	–	–
Other	570	439	–	2	129	83	46	–	–
None	404	313	5	3	83	47	32	4	–
Other Heating Equipment									
With other heating equipment[1]	22 669	17 318	73	55	5 223	4 460	715	48	1
Warm-air furnace	1 162	761	–	3	398	266	123	10	–
Steam or hot water system	134	120	–	2	12	12	–	–	–
Electric heat pump	268	185	–	1	82	78	3	–	–
Built-in electric units	1 957	1 631	12	5	309	265	39	5	1
Floor, wall, or other built-in hot-air units without ducts	372	331	2	1	38	31	8	–	–
Room heaters with flue	747	605	6	2	135	75	56	4	–
Room heaters without flue	1 624	1 272	3	6	342	199	143	–	–
Portable electric heaters	4 209	3 578	20	13	598	412	179	7	–
Stoves	3 020	2 337	10	7	666	518	125	23	–
Fireplaces with inserts	3 602	2 618	7	9	968	936	29	3	–
Fireplaces with no inserts	7 888	5 801	25	15	2 047	1 999	47	1	–
Other	755	583	1	1	169	144	25	–	–
Plumbing[2]									
With all plumbing facilities	60 143	46 531	206	183	13 224	10 890	2 196	132	6
Lacking some plumbing facilities[1]	76	66	–	–	10	6	4	–	–
No hot piped water	22	17	–	–	4	–	4	–	–
No bathtub nor shower	57	55	–	–	2	–	2	–	–
No flush toilet	28	22	–	–	6	6	–	–	–
No plumbing facilities for exclusive use	1 293	939	6	3	344	272	72	–	–
Source of Water									
Public system or private company	50 904	40 186	182	171	10 365	8 894	1 395	69	6
Well serving 1 to 5 units	9 657	6 652	21	12	2 972	2 124	785	62	–
Drilled	8 378	5 738	18	9	2 613	1 916	649	48	–
Dug	959	676	3	1	279	154	114	11	–
Not reported	319	238	–	2	79	54	22	3	–
Other	951	698	9	3	241	148	93	–	–
Means of Sewage Disposal									
Public sewer	43 720	35 499	146	167	7 907	7 065	810	31	1
Septic tank, cesspool, chemical toilet	17 705	11 969	66	19	5 652	4 088	1 458	101	5
Other	87	68	–	–	19	14	5	–	–

[1]Figures may not add to total because more than one category may apply to a unit.
[2]Data not up to publication standards; see "Qualifications of the Data" section in the Introduction.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 3-5. Fuels—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**61 512**	**47 536**	**212**	**186**	**13 578**	**11 167**	**2 273**	**132**	**6**
Main House Heating Fuel									
Housing units with heating fuel	61 107	47 223	207	183	13 495	11 121	2 241	127	6
Electricity	13 342	7 939	27	12	5 363	4 687	637	39	–
Piped gas	32 884	27 749	111	120	4 904	4 336	536	32	1
Bottled gas	2 959	1 743	4	4	1 207	775	413	14	6
Fuel oil	7 478	6 738	54	41	646	463	177	5	–
Kerosene or other liquid fuel	700	350	2	1	348	144	196	8	–
Coal or coke	264	220	–	–	44	28	16	–	–
Wood	3 287	2 377	9	4	897	628	242	27	–
Solar energy	27	13	–	–	14	12	2	–	–
Other	167	94	–	–	72	47	22	3	–
Other House Heating Fuels									
With other heating fuels[1]	14 932	11 421	44	43	3 424	2 776	600	48	–
Electricity	4 347	3 498	22	21	806	574	208	24	–
Piped gas	631	491	–	2	138	110	28	–	–
Bottled gas	526	355	–	–	170	112	55	4	–
Fuel oil	504	442	2	1	59	39	20	–	–
Kerosene or other liquid fuel	1 251	952	5	4	290	168	122	–	–
Coal or coke	189	157	2	–	30	26	5	–	–
Wood	7 765	5 797	16	16	1 937	1 755	161	21	–
Solar energy	173	123	2	–	47	35	12	–	–
Other	207	159	–	2	46	35	11	–	–
Not reported	591	417	–	–	174	139	35	–	–
Cooking Fuel									
With cooking fuel	61 471	47 504	210	186	13 571	11 160	2 273	132	6
Electricity	37 214	28 031	107	72	9 005	7 874	1 038	90	3
Piped gas	20 384	17 310	87	106	2 881	2 351	518	12	1
Bottled gas	3 538	1 967	16	8	1 547	872	655	16	3
Kerosene or other liquid fuel	154	104	–	–	50	24	27	–	–
Coal or coke	6	6	–	–	–	–	–	–	–
Wood	38	26	–	–	12	12	–	–	–
Other	136	61	–	–	75	26	35	14	–
Water Heating Fuel									
With hot piped water	61 417	47 467	212	186	13 553	11 153	2 261	132	6
Electricity	22 165	14 792	55	24	7 293	5 742	1 460	91	–
Piped gas	32 846	27 720	116	127	4 882	4 437	422	22	1
Bottled gas	2 335	1 470	6	7	851	566	276	4	6
Fuel oil	3 429	3 043	32	24	331	281	48	1	–
Kerosene or other liquid fuel	147	76	–	1	71	35	35	–	–
Coal or coke	52	46	–	–	6	6	–	–	–
Wood	65	46	–	1	19	8	11	–	–
Solar energy	254	206	2	1	45	43	2	–	–
Other	123	67	–	1	55	34	8	14	–
Central Air Conditioning Fuel									
With central air conditioning	29 181	20 307	41	36	8 797	8 040	695	59	3
Electricity	26 855	18 421	41	34	8 359	7 624	674	59	3
Piped gas	2 111	1 703	–	1	407	385	22	–	–
Other	216	184	–	1	31	31	–	–	–
Clothes Dryer Fuel									
With clothes dryer	53 756	41 224	165	147	12 220	10 563	1 544	109	3
Electricity	39 991	29 584	108	92	10 207	8 726	1 400	80	–
Piped gas	12 977	11 112	53	51	1 761	1 663	86	12	–
Other	788	528	4	3	252	174	58	17	3
Units Using Each Fuel[1]									
Electricity	61 480	47 520	212	186	13 563	11 152	2 273	132	6
All-electric units	10 867	6 241	18	6	4 602	4 072	493	37	–
Piped gas	37 757	31 816	127	151	5 663	5 011	618	33	1
Bottled gas	5 704	3 526	19	12	2 146	1 265	836	39	6
Fuel oil	8 900	7 920	66	46	869	605	259	5	–
Kerosene or other liquid fuel	2 041	1 378	7	5	651	319	324	8	–
Coal or coke	456	379	2	–	74	54	21	–	–
Wood	11 053	8 174	25	20	2 835	2 385	402	48	–
Solar energy	432	324	5	1	102	88	14	–	–
Other	515	336	–	3	176	106	53	17	–

[1]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 3-6. Failures in Equipment—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**61 512**	**47 536**	**212**	**186**	**13 578**	**11 167**	**2 273**	**132**	**6**
Water Supply Stoppage									
With hot and cold piped water	61 417	47 467	212	186	13 553	11 153	2 261	132	6
No stoppage in last 3 months	58 539	45 384	202	179	12 775	10 560	2 078	132	6
With stoppage in last 3 months	2 327	1 672	10	4	640	493	147	–	–
No stoppage lasting 6 hours or more	874	629	1	2	242	190	52	–	–
1 time lasting 6 hours or more	1 026	723	6	–	297	220	78	–	–
2 times	153	116	2	1	35	24	11	–	–
3 times	68	50	–	–	18	14	4	–	–
4 times or more	45	33	2	–	11	11	–	–	–
Number of times not reported	161	122	–	2	37	35	3	–	–
Stoppage not reported	551	411	–	3	138	101	36	–	1
Flush Toilet Breakdowns									
With one or more flush toilets	61 411	47 462	212	186	13 551	11 148	2 265	132	6
With at least one working toilet at all times in last 3 months	58 879	45 392	206	182	13 100	10 819	2 156	122	3
None working some time in last 3 months	2 331	1 914	6	4	407	296	107	1	3
No breakdowns lasting 6 hours or more	682	555	1	2	124	93	30	1	–
1 time lasting 6 hours or more	1 114	940	2	2	169	116	50	–	3
2 times	184	166	–	–	18	13	5	–	–
3 times	59	46	–	–	13	11	2	–	–
4 times or more	39	36	–	–	3	2	–	–	–
Number of times not reported	254	171	2	–	81	61	20	–	–
Breakdowns not reported	201	156	–	–	45	33	2	9	1
Sewage Disposal Breakdowns									
With public sewer	43 720	35 499	146	167	7 907	7 065	810	31	1
No breakdowns in last 3 months	43 091	34 939	144	165	7 843	7 018	792	31	1
With breakdowns in last 3 months	629	560	2	2	65	47	18	–	–
No breakdowns lasting 6 hours or more	226	215	–	–	10	9	1	–	–
1 time lasting 6 hours or more	336	281	2	2	50	34	16	–	–
2 times	23	19	–	–	4	4	–	–	–
3 times	27	27	–	–	–	–	–	–	–
4 times or more	18	18	–	–	–	–	–	–	–
With septic tank or cesspool	17 705	11 969	66	19	5 652	4 088	1 458	101	5
No breakdowns in last 3 months	17 400	11 752	64	19	5 565	4 020	1 439	101	5
With breakdowns in last 3 months	305	217	2	–	87	68	19	–	–
No breakdowns lasting 6 hours or more	97	68	–	–	29	20	9	–	–
1 time lasting 6 hours or more	183	137	2	–	45	40	4	–	–
2 times	11	8	–	–	3	–	3	–	–
3 times	6	–	–	–	6	6	–	–	–
4 times or more	8	4	–	–	4	2	2	–	–
Heating Problems									
With heating equipment and occupied last winter	58 540	45 671	200	173	12 496	10 245	2 126	120	6
Not uncomfortably cold for 24 hours or more last winter	55 478	43 323	183	164	11 808	9 739	1 950	113	6
Uncomfortably cold for 24 hours or more last winter[1]	2 946	2 257	17	9	663	485	171	6	–
Equipment breakdowns	889	691	5	3	190	123	65	3	–
No breakdowns lasting 6 hours or more	64	52	–	–	12	7	6	–	–
1 time lasting 6 hours or more	564	438	–	3	123	81	39	3	–
2 times	114	88	2	–	23	16	8	–	–
3 times	57	41	–	–	16	16	–	–	–
4 times or more	63	45	3	–	15	4	11	–	–
Number of times not reported	29	28	–	–	1	–	1	–	–
Other causes	2 146	1 628	12	8	499	380	112	6	–
Utility interruption	837	586	2	3	245	198	43	4	–
Inadequate heating capacity	344	280	–	2	61	40	18	3	–
Inadequate insulation	248	211	3	–	34	25	8	–	–
Other	658	499	6	3	150	112	38	–	–
Not reported	60	51	–	–	9	5	4	–	–
Reason for discomfort not reported	15	15	–	–	–	–	–	–	–
Discomfort not reported	116	91	–	–	26	21	4	–	–
Electric Fuses and Circuit Breakers									
With electrical wiring	61 483	47 523	212	186	13 563	11 152	2 273	132	6
No fuses or breakers blown in last 3 mo.	52 625	40 414	189	153	11 869	9 794	1 940	129	6
With fuses or breakers blown in last 3 mo.	8 380	6 754	23	31	1 572	1 257	314	1	–
1 time	4 424	3 533	8	18	866	701	164	–	–
2 times	1 772	1 447	8	7	310	250	59	–	–
3 times	723	607	–	4	111	91	21	–	–
4 times or more	912	743	2	2	165	109	56	1	–
Number of times not reported	549	424	5	1	119	105	14	–	–
Problem not reported or don't know	479	355	–	2	122	101	18	2	1

[1]Other causes and equipment breakdowns may not add to total as both may be reported.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 3-7. Additional Indicators of Housing Quality—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**61 512**	**47 536**	**212**	**186**	**13 578**	**11 167**	**2 273**	**132**	**6**
Selected Amenities[1]									
Porch, deck, balcony, or patio	51 593	39 726	175	140	11 552	9 797	1 653	101	1
Not reported	116	93	–	–	23	17	6	–	–
Telephone available	59 807	46 421	204	184	12 999	10 812	2 060	121	6
Usable fireplace	25 019	18 735	61	52	6 171	5 988	164	19	–
Separate dining room	33 012	26 119	114	135	6 645	6 099	501	46	–
With 2 or more living rooms or recreation rooms, etc.	26 967	21 501	71	105	5 290	4 940	305	46	–
Garage or carport included with home	44 779	35 838	124	111	8 705	8 054	566	82	3
Not included	16 696	11 687	86	75	4 849	3 090	1 707	49	3
Offstreet parking included	13 652	9 201	74	42	4 335	2 772	1 513	48	3
Offstreet parking not reported	65	57	–	–	7	–	7	–	–
Garage or carport not reported	36	11	2	–	23	23	–	–	1
Cars and Trucks Available[1]									
No cars, trucks, or vans	2 949	2 569	27	15	339	165	173	2	–
Other households without cars	3 192	2 311	14	14	852	589	239	23	2
1 car with or without trucks or vans	29 016	22 457	83	69	6 406	5 073	1 280	52	1
2 cars	20 331	15 371	58	67	4 836	4 291	525	20	–
3 or more cars	6 023	4 827	30	22	1 144	1 050	56	35	3
With cars, no trucks or vans	33 342	26 244	113	91	6 894	5 859	971	60	4
1 truck or van with or without cars	20 212	15 030	63	65	5 054	4 133	870	49	2
2 or more trucks or vans	5 008	3 693	9	15	1 290	1 011	259	21	–
Selected Deficiencies[1]									
Signs of rats in last 3 months	1 578	1 145	9	13	412	238	174	–	–
Holes in floors	474	359	–	2	113	38	75	–	–
Open cracks or holes (interior)	2 015	1 682	12	11	311	191	119	–	–
Broken plaster or peeling paint (interior)	1 828	1 623	5	11	189	100	75	14	–
No electrical wiring	28	13	–	–	15	15	–	–	–
Exposed wiring	676	570	–	4	102	50	45	8	–
Rooms without electric outlets	824	691	4	1	128	69	59	–	–
Water Leakage During Last 12 Months									
No leakage from inside structure	55 788	43 122	195	152	12 320	10 190	2 007	118	6
With leakage from inside structure[1]	5 657	4 368	17	34	1 237	957	266	14	–
Fixtures backed up or overflowed	1 863	1 446	5	14	398	321	77	–	–
Pipes leaked	2 517	1 958	7	17	535	368	153	14	–
Other or unknown (includes not reported)	1 399	1 072	5	4	319	281	37	1	–
Interior leakage not reported	67	46	–	–	20	20	–	–	1
No leakage from outside structure	50 652	38 697	169	141	11 646	9 684	1 843	113	6
With leakage from outside structure[1]	10 739	8 755	42	45	1 898	1 450	430	19	–
Roof	4 357	3 401	23	14	918	585	330	3	–
Basement	4 246	3 917	11	21	297	296	–	1	–
Walls, closed windows, or doors	1 373	869	2	7	496	393	89	14	–
Other or unknown (includes not reported)	1 277	988	6	3	279	242	37	–	–
Exterior leakage not reported	120	84	1	1	34	33	–	–	1
Overall Opinion of Structure									
1 (worst)	164	111	–	1	52	27	25	–	–
2	92	79	–	–	13	4	8	–	–
3	190	151	2	–	37	14	23	–	–
4	318	254	5	2	58	23	31	4	–
5	2 766	2 203	12	5	547	272	274	1	–
6	2 101	1 702	11	2	386	236	147	3	–
7	5 715	4 561	14	31	1 108	813	292	3	–
8	14 681	11 840	57	59	2 724	2 202	512	9	–
9	10 099	7 816	43	28	2 212	1 937	235	39	–
10 (best)	24 931	18 457	69	58	6 347	5 568	702	72	6
Not reported	455	361	–	–	94	70	23	–	1
Selected Physical Problems									
Severe physical problems[1]	1 589	1 151	9	4	425	301	124	–	–
Plumbing	1 369	1 005	6	3	354	277	77	–	–
Heating	119	86	3	–	31	20	11	–	–
Electric	46	24	–	–	22	15	7	–	–
Upkeep	86	55	–	–	30	2	29	–	–
Hallways	–	–	–	–	–	–	–	–	–
Moderate physical problems[1]	2 170	1 768	11	10	380	195	174	10	2
Plumbing	92	77	–	–	15	13	2	–	–
Heating	1 145	955	2	4	183	72	102	10	–
Upkeep	820	684	6	6	124	65	60	–	–
Hallways	–	–	–	–	–	–	–	–	–
Kitchen	210	136	5	–	69	49	17	–	2

[1]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 3-8. Neighborhood—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**61 512**	**47 536**	**212**	**186**	**13 578**	**11 167**	**2 273**	**132**	**6**
Overall Opinion of Neighborhood									
1 (worst)	564	455	4	1	104	58	46	–	–
2	264	228	–	4	32	18	11	4	–
3	465	396	–	1	68	45	19	3	–
4	755	590	–	5	160	83	78	–	–
5	3 932	3 239	15	12	666	489	174	3	–
6	2 628	2 164	9	18	437	336	97	3	–
7	6 002	4 852	24	27	1 099	913	185	1	–
8	13 627	10 799	59	51	2 719	2 343	342	33	–
9	9 429	7 261	42	24	2 103	1 864	226	12	–
10 (best)	22 766	16 812	57	43	5 854	4 795	981	72	6
No neighborhood	500	287	3	–	209	138	72	–	–
Not reported	580	452	–	2	126	84	41	–	1
Neighborhood Conditions									
With neighborhood	60 432	46 797	209	184	13 242	10 945	2 160	131	6
No problems	38 666	29 726	130	85	8 725	7 144	1 480	95	6
With problems[1]	21 568	16 945	78	99	4 445	3 739	670	36	–
Crime	2 778	2 321	5	24	428	334	94	–	–
Noise	3 362	2 752	16	17	577	470	100	7	–
Traffic	4 277	3 610	20	21	626	535	81	10	–
Litter or housing deterioration	2 894	2 523	7	10	354	293	60	–	–
Poor city or county services	1 032	779	8	3	242	217	25	–	–
Undesirable commercial, institutional, industrial	1 063	893	4	9	157	129	29	–	–
People	6 453	5 052	25	38	1 337	1 051	269	18	–
Other	6 042	4 406	10	19	1 606	1 393	212	1	–
Type of problem not reported	442	315	4	1	122	99	23	–	–
Presence of problems not reported	198	126	–	–	73	61	10	1	–
Description of Area Within 300 Feet[1]									
Single-family detached houses	1 286	965	148	22	151	148	–	2	–
Only single-family detached	–	–	–	–	–	–	–	–	–
Single-family attached or 1 to 3 story multiunit	2 065	1 591	53	21	401	395	–	6	–
4 to 6 story multiunit	564	459	11	10	84	84	–	–	–
7 stories or more multiunit	364	339	2	5	18	18	–	–	–
Mobile homes	11	4	4	–	2	2	–	–	–
Commercial, institutional, or industrial	811	655	44	12	101	97	–	3	–
Residential parking lots	668	474	2	1	191	190	–	1	–
Body of water	198	127	13	2	56	54	–	2	–
Open space, park, farm, or ranch	614	400	40	8	165	165	–	1	–
4+ lane highway, railroad, or airport	326	239	21	7	60	59	–	1	–
Other	143	106	12	3	22	21	–	1	–
Not observed or not reported	457	322	26	1	107	103	–	4	–
Age of Other Residential Buildings Within 300 Feet									
Older	146	87	7	3	49	49	–	1	–
About the same	2 260	1 723	128	28	380	375	–	5	–
Newer	56	30	13	1	12	11	–	1	–
Very mixed	439	355	20	6	58	58	–	–	–
No other residential buildings	65	27	9	–	28	28	–	–	–
Not reported	457	317	26	1	113	109	–	4	–
Mobile Homes in Group									
Mobile homes	5 059	1 032	–	1	4 026	1 901	2 126	–	–
1 to 6	3 373	504	–	1	2 869	1 332	1 537	–	–
7 to 20	252	50	–	–	202	96	105	–	–
21 or more	1 419	478	–	–	940	473	468	–	–
Not reported	15	–	–	–	15	–	15	–	–
Other Buildings Vandalized or With Interior Exposed									
None	2 779	2 087	161	37	495	488	–	6	–
1 building	31	26	4	–	–	–	–	–	–
More than 1 building	68	67	–	1	–	–	–	–	–
No buildings within 300 feet	47	17	7	–	23	23	–	–	–
Not reported	498	342	31	1	124	120	–	4	–
Bars on Windows of Buildings									
With other buildings within 300 feet	2 878	2 180	165	38	495	488	–	6	–
No bars on windows	2 501	1 846	156	25	474	468	–	6	–
1 building with bars	67	63	–	2	2	2	–	–	–
2 or more buildings with bars	288	253	7	10	18	18	–	–	–
Not reported	21	18	2	1	–	–	–	–	–
Condition of Streets									
No repairs needed	2 312	1 690	144	26	452	447	–	5	–
Minor repairs needed	560	457	28	11	63	63	–	1	–
Major repairs needed	54	48	2	1	4	4	–	–	–
No streets within 300 feet	47	29	3	–	15	14	–	1	–
Not reported	449	315	26	1	107	103	–	4	–
Trash, Litter, or Junk on Streets or any Properties									
None	2 471	1 792	149	27	504	498	–	6	–
Minor accumulation	474	406	24	11	32	32	–	1	–
Major accumulation	33	29	4	–	–	–	–	–	–
Not reported	445	313	26	1	105	101	–	4	–

[1]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 3-9. Household Composition—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Population in housing units	**167 839**	**127 402**	**465**	**659**	**39 314**	**33 080**	**5 895**	**326**	**12**
Total	**61 512**	**47 536**	**212**	**186**	**13 578**	**11 167**	**2 273**	**132**	**6**
Persons									
1 person	11 502	9 395	67	18	2 022	1 380	581	57	4
2 persons	21 662	17 193	83	40	4 346	3 644	691	11	–
3 persons	10 956	8 227	27	34	2 668	2 214	434	18	3
4 persons	10 600	7 673	24	47	2 856	2 496	325	36	–
5 persons	4 434	3 191	8	23	1 213	1 052	150	10	–
6 persons	1 509	1 177	2	14	316	242	75	–	–
7 persons or more	848	681	–	10	157	140	17	–	–
Median	**2.4**	**2.3**	**2.0**	**3.5**	**2.7**	**2.8**	**2.3**	**2.3**	**...**
Number of Single Children Under 18 Years Old									
None	39 093	31 741	166	91	7 094	5 644	1 367	76	6
1	9 226	6 616	21	29	2 560	2 126	410	23	–
2	8 632	5 956	20	36	2 619	2 275	318	26	–
3	3 333	2 286	5	21	1 021	897	118	6	–
4	893	664	–	5	224	183	41	–	–
5	247	200	–	3	44	30	14	–	–
6 or more	89	74	–	–	15	11	4	–	–
Median	**.5-**	**.5-**	**.5-**	**.6**	**.5-**	**.5-**	**.5-**	**.5-**	**...**
Persons 65 Years Old and Over									
None	43 488	31 765	151	151	11 421	9 624	1 694	98	6
1 person	11 146	9 749	44	22	1 331	884	415	32	1
2 persons or more	6 878	6 022	17	13	826	660	164	2	–
Age of Householder									
Under 25 years	662	357	4	–	301	207	95	–	–
25 to 29	3 200	1 867	13	6	1 314	1 091	220	3	–
30 to 34	5 847	3 630	12	27	2 179	1 938	223	18	1
35 to 44	13 940	9 808	34	54	4 045	3 531	487	27	–
45 to 54	11 281	8 916	44	44	2 277	1 875	384	13	5
55 to 64	9 992	8 343	49	29	1 571	1 211	315	45	–
65 to 74	9 857	8 612	30	12	1 202	879	303	20	1
75 years and over	6 733	6 004	26	14	688	436	245	7	–
Median	**51**	**54**	**55**	**46**	**42**	**42**	**48**	**56**	**...**
Household Composition by Age of Householder									
2-or-more person households	50 010	38 141	145	168	11 556	9 787	1 691	74	3
Married-couple families, no nonrelatives	40 118	30 432	98	137	9 450	8 126	1 251	71	3
Under 25 years	362	172	4	–	186	120	66	–	–
25 to 29 years	2 217	1 276	11	4	926	782	142	3	–
30 to 34 years	4 393	2 676	9	20	1 688	1 529	152	7	–
35 to 44 years	10 113	7 040	21	45	3 008	2 648	338	23	–
45 to 64 years	14 855	12 094	38	53	2 670	2 277	356	34	3
65 years and over	8 178	7 175	16	15	972	770	197	5	–
Other male householder	3 886	2 889	16	10	970	798	172	–	–
Under 45 years	1 883	1 264	3	6	610	504	106	–	–
45 to 64 years	1 312	1 033	7	3	268	219	49	–	–
65 years and over	691	592	6	1	92	75	17	–	–
Other female householder	6 007	4 820	30	21	1 136	863	269	4	–
Under 45 years	2 283	1 591	7	7	678	560	114	4	–
45 to 64 years	2 168	1 812	23	9	324	224	99	–	–
65 years and over	1 556	1 417	–	4	134	79	56	–	–
1-person households	11 502	9 395	67	18	2 022	1 380	581	57	4
Male householder	3 908	3 036	24	11	837	557	234	43	3
Under 45 years	1 478	1 055	6	4	413	324	78	10	1
45 to 64 years	1 140	861	11	5	262	139	96	24	2
65 years and over	1 291	1 120	7	1	162	93	60	9	–
Female householder	7 594	6 359	43	7	1 185	823	347	14	1
Under 45 years	922	588	2	1	331	299	30	1	–
45 to 64 years	1 797	1 458	13	1	324	225	100	–	–
65 years and over	4 874	4 312	27	5	530	299	217	13	1
Adults and Single Children Under 18 Years Old									
Total households with children	22 419	15 795	46	95	6 484	5 523	906	55	–
Married couples	18 258	12 705	35	83	5 435	4 722	661	52	–
One child under 6 only	2 449	1 488	13	11	937	829	92	17	–
One under 6, one or more 6 to 17	3 146	2 036	–	20	1 089	981	102	7	–
Two or more under 6 only	1 663	1 048	11	8	596	527	69	–	–
Two or more under 6, one or more 6 to 17	881	623	2	7	249	212	34	3	–
One or more 6 to 17 only	10 119	7 511	9	36	2 564	2 174	364	25	–
Other households with two or more adults	2 380	1 815	6	7	551	406	145	–	–
One child under 6 only	395	284	–	3	109	82	27	–	–
One under 6, one or more 6 to 17	292	234	3	–	55	46	9	–	–
Two or more under 6 only	175	103	2	–	70	61	10	–	–
Two or more under 6, one or more 6 to 17	113	72	–	–	41	26	15	–	–
One or more 6 to 17 only	1 404	1 122	2	5	275	191	84	–	–
Households with one adult or none	1 781	1 274	4	4	498	394	100	4	–
One child under 6 only	193	132	2	–	59	58	1	–	–
One under 6, one or more 6 to 17	204	141	–	–	63	46	17	–	–
Two or more under 6 only	33	28	–	–	4	2	2	–	–
Two or more under 6, one or more 6 to 17	52	35	–	1	15	5	10	–	–
One or more 6 to 17 only	1 300	938	3	3	356	283	69	4	–
Total households with no children	39 093	31 741	166	91	7 094	5 644	1 367	76	6
Married couples	22 125	17 913	66	57	4 089	3 471	596	19	3
Other households with two or more adults	5 465	4 431	33	17	984	794	190	–	–
Households with one adult	11 503	9 396	67	18	2 022	1 380	581	57	4

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 3-9. Household Composition—Owner Occupied Units—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Own Never Married Children Under 18 Years Old									
No own children under 18 years	41 118	33 423	173	104	7 418	5 874	1 448	90	6
With own children under 18 years	20 394	14 113	39	82	6 160	5 293	825	42	–
Under 6 years only	4 197	2 530	23	20	1 625	1 440	181	3	–
1	2 474	1 462	12	11	990	890	96	3	–
2	1 517	949	11	6	551	483	68	–	–
3 or more	206	119	–	2	84	67	17	–	–
6 to 17 years only	12 052	8 882	14	38	3 118	2 598	492	29	–
1	5 703	4 288	7	13	1 396	1 119	270	6	–
2	4 620	3 328	5	15	1 272	1 078	171	22	–
3 or more	1 729	1 266	2	11	450	400	50	–	–
Both age groups	4 144	2 701	2	24	1 417	1 256	152	10	–
2	2 005	1 251	–	11	743	669	70	4	–
3 or more	2 140	1 450	2	13	674	587	82	6	–
Persons Other Than Spouse or Children[1]									
With other relatives	16 111	13 236	50	74	2 751	2 227	496	26	3
Single adult offspring 18 to 29	9 494	7 841	26	47	1 580	1 311	240	26	3
Single adult offspring 30 years of age or over	2 782	2 543	7	16	216	118	98	–	–
Households with three generations	1 522	1 261	4	10	246	172	56	18	–
Households with 1 subfamily	1 514	1 253	2	10	249	181	54	14	–
Subfamily hd	752	594	2	5	151	104	34	14	–
30 to 64	669	602	–	4	63	45	18	–	–
65 and over	93	57	–	1	35	33	2	–	–
Households with 2 or more subfamilies	63	45	–	–	18	16	2	–	–
Households with other types of relatives	4 920	3 826	17	20	1 057	861	192	4	–
With non-relatives	2 302	1 679	17	10	596	497	99	–	–
Co-owners or co-renters	505	342	6	1	155	133	23	–	–
Lodgers	442	319	4	2	118	106	12	–	–
Unrelated children, under 18 years old	422	326	4	3	89	57	32	–	–
Other non-relatives	1 242	905	4	6	326	261	65	–	–
One or more secondary families	234	160	2	2	71	42	29	–	–
2-person households, none related to each other	1 171	861	8	3	299	258	41	–	–
3-8 person households, none related to each other	140	116	–	1	24	23	1	–	–
Years of School Completed by Householder									
No school years completed	162	129	–	1	32	16	17	–	–
Elementary:									
less than 8 years	2 641	2 183	8	11	439	220	211	8	–
8 years	3 056	2 598	12	5	442	254	181	7	–
High School:									
1 to 3 years	5 980	4 774	19	13	1 174	721	439	13	1
4 years	22 113	17 129	88	55	4 841	3 778	1 010	49	3
College:									
1 to 3 years	11 442	8 760	31	42	2 609	2 313	286	8	2
4 years or more	16 118	11 964	54	59	4 041	3 864	129	47	–
Median	**12.9**	**12.8**	**12.8**	**14.1**	**13.0**	**13.9**	**12.3**	**12.8**	**...**
Year Householder Moved Into Unit									
1990 to 1994	7 777	4 265	14	19	3 479	3 056	389	31	3
1985 to 1989	16 998	10 127	39	46	6 788	5 877	854	52	3
1980 to 1984	7 953	5 356	10	28	2 560	2 088	432	39	–
1975 to 1979	8 205	7 813	28	18	345	70	273	2	–
1970 to 1974	5 653	5 365	25	18	246	44	195	7	–
1960 to 1969	7 580	7 423	24	16	117	25	92	–	–
1950 to 1959	4 795	4 705	43	22	26	–	26	–	–
1940 to 1949	1 747	1 691	28	20	8	6	2	–	–
1939 or earlier	803	791	2	–	10	–	10	–	–
Median	**1979**	**1976**	**1971**	**1977**	**1986**	**1986**	**1984**	**1985**	**...**
Household Moves and Formation in Last Year									
Total with a move in last year	6 523	3 986	30	21	2 487	2 140	306	41	1
Household all moved here from one unit	3 629	1 945	14	9	1 662	1 452	190	18	1
Householder of previous unit did not move here	373	194	–	1	177	157	19	1	–
Householder of previous unit moved here	3 097	1 686	14	8	1 390	1 209	164	17	1
Householder of previous unit not reported	159	65	–	–	94	87	8	–	–
Household moved here from two or more units	518	274	2	–	242	230	4	9	–
No previous householder moved here	98	64	–	–	34	34	–	–	–
1 previous householder moved here	64	40	2	–	23	23	–	–	–
2 or more previous householders moved here	299	145	–	–	154	142	4	9	–
Previous householder(s) not reported	56	25	–	–	31	31	–	–	–
Some already here, rest moved in	2 366	1 759	14	12	580	455	112	14	–
No previous householder moved here	750	552	10	5	183	136	47	–	–
1 or more previous householders moved here	1 213	915	2	4	292	232	46	14	–
Previous householder(s) not reported	403	292	2	2	106	87	19	–	–
Number of previous units not reported	10	7	–	–	3	3	–	–	–

[1]Figures may not add to total because more than one category may apply.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 3-10. Income Characteristics—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**61 512**	**47 536**	**212**	**186**	**13 578**	**11 167**	**2 273**	**132**	**6**
Household Income									
Less than $5,000	2 209	1 736	11	6	456	241	212	3	–
$5,000 to $9,999	4 371	3 614	14	6	736	374	352	10	1
$10,000 to $14,999	4 868	3 911	15	11	931	519	400	11	–
$15,000 to $19,999	4 453	3 612	14	9	819	515	273	29	2
$20,000 to $24,999	4 794	3 714	14	11	1 055	764	291	–	–
$25,000 to $29,999	5 432	4 380	15	16	1 021	847	169	5	–
$30,000 to $34,999	4 323	3 325	19	10	970	808	163	–	–
$35,000 to $39,999	3 851	2 972	26	11	841	702	114	25	–
$40,000 to $49,999	6 845	5 206	27	20	1 592	1 403	155	29	3
$50,000 to $59,999	5 623	4 272	17	24	1 310	1 240	70	–	–
$60,000 to $79,999	6 967	5 180	18	33	1 737	1 703	26	8	–
$80,000 to $99,999	3 244	2 404	3	9	827	812	15	–	–
$100,000 to $119,999	1 773	1 271	6	9	487	464	20	3	–
$120,000 or more	2 758	1 939	14	10	795	776	12	8	–
Median	**35 396**	**34 212**	**35 891**	**45 912**	**39 759**	**45 804**	**18 138**	**36 599**	**...**
As percent of poverty level:									
Less than 50 percent	1 802	1 360	8	4	429	255	171	3	–
50 to 99	3 333	2 677	7	10	640	324	313	3	–
100 to 149	5 203	4 066	12	19	1 106	665	430	10	1
150 to 199	5 446	4 325	19	16	1 086	688	387	11	–
200 percent or more	45 728	35 108	166	137	10 317	9 235	971	105	6
Income of Families and Primary Individuals									
Less than $5,000	2 308	1 816	11	7	475	249	222	3	–
$5,000 to $9,999	4 428	3 662	14	6	746	384	352	10	1
$10,000 to $14,999	4 954	3 973	18	11	952	538	403	11	–
$15,000 to $19,999	4 522	3 659	11	9	843	532	280	29	2
$20,000 to $24,999	4 910	3 786	14	11	1 099	800	299	–	–
$25,000 to $29,999	5 600	4 486	16	17	1 080	903	173	5	–
$30,000 to $34,999	4 346	3 350	19	11	966	815	152	–	–
$35,000 to $39,999	3 831	2 979	26	11	815	683	107	25	–
$40,000 to $49,999	6 802	5 173	27	20	1 581	1 398	151	29	3
$50,000 to $59,999	5 492	4 180	18	24	1 271	1 205	66	–	–
$60,000 to $79,999	6 756	5 019	17	31	1 688	1 657	23	8	–
$80,000 to $99,999	3 136	2 312	5	10	808	793	15	–	–
$100,000 to $119,999	1 714	1 240	2	8	465	442	20	3	–
$120,000 or more	2 713	1 901	14	10	787	768	12	8	–
Median	**34 641**	**33 562**	**35 601**	**44 776**	**38 848**	**44 863**	**17 844**	**36 599**	**...**
Income Sources of Families and Primary Individuals									
Wages and salaries	45 753	34 226	161	160	11 206	9 495	1 610	94	6
Wages and salaries were majority of income	39 949	29 551	133	146	10 120	8 615	1 420	79	6
2 or more people each earned over 20% of wages and salaries	17 992	13 318	51	84	4 539	4 016	485	38	–
Business, farm, or ranch	9 180	6 846	52	38	2 244	1 926	257	61	–
Social security or pensions	22 470	19 254	85	48	3 082	2 235	794	52	1
Interest or dividend(s)	19 391	15 805	68	51	3 467	3 124	301	39	3
Rental income	6 876	5 516	127	53	1 181	1 057	108	16	1
With lodger(s)	442	319	4	2	118	106	12	–	–
Welfare or SSI	1 786	1 403	4	3	376	194	182	–	–
Alimony or child support	2 226	1 608	7	7	604	514	81	10	–
Other	5 572	4 162	22	20	1 368	1 071	287	10	–
Amount of Savings and Investments									
Income of $25,000 or less	22 359	17 957	73	46	4 283	2 651	1 576	53	3
No savings or investments	7 692	5 739	21	20	1 913	1 003	894	15	1
$25,000 or less	8 417	7 024	36	19	1 339	825	490	22	2
More than $25,000	3 577	3 073	15	4	485	370	106	9	–
Not reported	2 672	2 122	2	2	546	453	87	7	–
Food Stamps									
Income of $25,000 or less	22 359	17 957	73	46	4 283	2 651	1 576	53	3
Family members received food stamps	1 576	1 124	2	1	448	215	230	3	–
Did not receive food stamps	19 148	15 590	67	42	3 450	2 107	1 297	43	3
Not reported	1 634	1 243	4	3	385	329	49	7	–

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 3-11. Selected Housing Costs—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**61 512**	**47 536**	**212**	**186**	**13 578**	**11 167**	**2 273**	**132**	**6**
Monthly Housing Costs									
Less than $100	1 567	1 043	1	2	520	198	314	7	1
$100 to $199	9 446	7 779	8	15	1 644	846	761	37	–
$200 to $249	4 787	4 033	16	5	733	501	227	1	3
$250 to $299	3 978	3 327	17	8	626	455	159	12	–
$300 to $349	3 200	2 650	16	8	526	350	160	17	–
$350 to $399	2 728	2 253	9	7	459	309	147	4	–
$400 to $449	2 497	1 984	2	5	507	364	127	15	–
$450 to $499	2 342	1 923	5	6	409	331	78	–	–
$500 to $599	4 201	3 404	18	15	764	675	79	7	3
$600 to $699	3 712	3 024	8	18	662	626	33	3	–
$700 to $799	3 250	2 520	6	12	712	679	29	4	–
$800 to $999	5 020	3 702	15	24	1 278	1 230	49	–	–
$1,000 to $1,249	3 632	2 341	28	14	1 249	1 234	12	3	–
$1,250 to $1,499	2 147	1 383	17	10	737	731	6	–	–
$1,500 or more	3 780	2 303	9	18	1 451	1 433	17	–	–
No cash rent	...	...	...	...	...	...	...	...	...
Mortgage payment not reported	5 224	3 866	37	19	1 302	1 206	75	21	–
Median (excludes no cash rent)	**449**	**419**	**577**	**667**	**594**	**748**	**205**	**293**	**...**
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	**474**	**446**	**633**	**690**	**613**	**764**	**220**	**302**	**...**
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	**220**	**192**	**252**	**368**	**357**	**502**	**100-**	**189**	**...**
Monthly Housing Costs as Percent of Current Income									
Less than 5 percent	2 652	2 017	4	6	626	415	187	24	–
5 to 9 percent	9 102	7 499	20	24	1 559	1 073	467	18	1
10 to 14 percent	9 941	8 196	16	22	1 706	1 321	352	32	1
15 to 19 percent	9 309	7 370	18	27	1 894	1 581	301	8	5
20 to 24 percent	7 155	5 238	24	25	1 867	1 663	195	9	–
25 to 29 percent	5 279	3 838	13	18	1 411	1 265	146	–	–
30 to 34 percent	3 427	2 415	12	8	993	865	115	13	–
35 to 39 percent	2 222	1 623	16	9	574	461	113	–	–
40 to 49 percent	2 569	1 869	22	10	668	548	113	7	–
50 to 59 percent	1 203	943	4	5	251	211	41	–	–
60 to 69 percent	735	553	13	1	167	136	32	–	–
70 to 99 percent	983	774	–	7	202	170	32	–	–
100 percent or more[1]	1 250	985	12	3	250	189	61	–	–
Zero or negative income	461	352	–	2	107	64	43	–	–
No cash rent	...	...	...	...	...	...	...	...	...
Mortgage payment not reported	5 224	3 866	37	19	1 302	1 206	75	21	–
Median (excludes 3 previous lines)	**18**	**18**	**27**	**21**	**21**	**22**	**16**	**12**	**...**
Median (excludes 4 lines before medians)	**18**	**17**	**25**	**20**	**20**	**21**	**16**	**12**	**...**
Rent Paid by Lodgers									
Lodgers in housing units	442	319	4	2	118	106	12	–	–
Less than $100 per month	17	17	–	–	–	–	–	–	–
$100 to $199	90	55	–	–	35	26	9	–	–
$200 to $299	130	104	–	2	24	24	–	–	–
$300 to $399	59	38	–	–	22	22	–	–	–
$400 or more per month	88	63	4	–	21	21	–	–	–
Not reported	58	42	–	–	16	13	4	–	–
Median	**265**	**264**	**...**	**...**	**265**	**284**	**...**	**...**	**...**
Monthly Cost Paid for Electricity									
Electricity used	61 480	47 520	212	186	13 563	11 152	2 273	132	6
Less than $25	3 909	3 284	13	7	606	405	189	11	1
$25 to $49	17 287	13 931	63	57	3 236	2 463	724	48	1
$50 to $74	15 805	12 204	51	44	3 505	2 906	567	30	3
$75 to $99	9 452	6 982	20	33	2 416	2 001	403	12	–
$100 to $149	7 545	5 326	24	11	2 184	1 979	194	11	–
$150 to $199	2 092	1 527	11	8	546	506	37	3	–
$200 or more	968	649	6	2	311	269	33	9	–
Median	**62**	**60**	**59**	**60**	**68**	**71**	**57**	**52**	**...**
Included in rent, other fee, or obtained free	4 424	3 616	23	25	760	623	127	8	2
Monthly Cost Paid for Piped Gas									
Piped gas used	37 757	31 816	127	151	5 663	5 011	618	33	1
Less than $25	7 574	6 046	25	26	1 477	1 253	217	8	–
$25 to $49	14 322	11 961	28	29	2 304	2 045	246	12	1
$50 to $74	7 628	6 662	13	26	926	863	63	–	–
$75 to $99	2 729	2 421	20	15	272	250	15	7	–
$100 to $149	1 268	1 117	14	19	117	108	5	4	–
$150 to $199	337	303	9	4	21	15	5	1	–
$200 or more	283	230	2	4	46	37	9	–	–
Median	**42**	**42**	**55**	**56**	**37**	**38**	**31**	**...**	**...**
Included in rent, other fee, or obtained free	3 618	3 075	17	27	499	440	59	1	–

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 3-11. Selected Housing Costs—Owner Occupied Units—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Average Monthly Cost Paid for Fuel Oil									
Fuel oil used	8 900	7 920	66	46	869	605	259	5	–
Less than $25	903	743	1	–	158	79	78	1	–
$25 to $49	2 012	1 746	18	5	244	158	82	3	–
$50 to $74	2 267	2 042	16	10	199	144	55	–	–
$75 to $99	1 354	1 232	12	9	101	76	25	–	–
$100 to $149	1 279	1 178	8	12	82	80	2	–	–
$150 to $199	309	296	2	3	9	7	2	–	–
$200 or more	267	245	4	3	15	15	–	–	–
Median	**64**	**65**	**67**	**...**	**50**	**57**	**38**	**...**	**...**
Included in rent, other fee, or obtained free	509	438	5	5	62	46	14	1	–
Property Insurance									
Property insurance paid	57 691	45 024	200	178	12 289	10 650	1 516	120	3
Median per month	**29**	**29**	**38**	**33**	**30**	**32**	**20**	**25**	**...**
Monthly Costs Paid for Selected Utilities and Fuels									
Water paid separately	41 107	33 213	153	129	7 612	6 757	779	72	3
Median	**21**	**21**	**25**	**24**	**23**	**24**	**18**	**23**	**...**
Trash paid separately	29 491	23 210	86	63	6 133	5 415	653	61	3
Median	**13**	**12**	**16**	**11**	**13**	**14**	**10-**	**13**	**...**
Bottled gas paid separately	5 656	3 501	19	12	2 123	1 249	829	39	6
Median	**45**	**45**	**...**	**...**	**44**	**47**	**41**	**...**	**...**
Other fuel paid separately	9 988	7 195	17	21	2 755	2 181	520	54	–
Median	**11**	**11**	**...**	**...**	**10-**	**10-**	**18**	**...**	**...**
Cost and Ownership Sharing									
Ownership shared by person not living here	2 145	1 736	22	6	380	317	58	5	–
Costs shared by person not living here	433	328	7	3	95	84	12	–	–
Costs not shared	1 704	1 399	16	3	285	234	46	5	–
Cost sharing not reported	8	8	–	–	–	–	–	–	–
Ownership not shared	58 451	45 094	181	180	12 996	10 694	2 183	114	6
Costs shared by person not living here	247	174	5	–	68	52	17	–	–
Costs not shared	58 007	44 758	176	179	12 894	10 611	2 163	114	6
Cost sharing not reported	197	161	–	1	34	31	3	–	–
Ownership sharing not reported	916	706	9	–	201	156	32	12	1
Monthly Payment for Principal and Interest									
Less than $100	830	772	–	4	54	39	15	–	–
$100 to $199	3 195	2 635	–	9	550	361	175	15	–
$200 to $249	2 177	1 694	–	8	475	338	124	10	2
$250 to $299	2 260	1 827	7	9	416	322	89	5	–
$300 to $349	2 132	1 727	7	8	390	338	51	–	–
$350 to $399	1 991	1 620	2	9	359	331	26	–	3
$400 to $449	1 875	1 516	9	10	340	323	18	–	–
$450 to $499	1 682	1 328	4	7	343	336	7	–	–
$500 to $599	3 266	2 368	8	9	881	844	30	7	–
$600 to $699	2 528	1 802	12	12	701	684	14	3	–
$700 to $799	1 948	1 216	7	5	720	718	2	–	–
$800 to $999	2 449	1 487	20	8	934	924	10	–	–
$1,000 to $1,249	1 911	1 184	2	14	711	707	4	–	–
$1,250 to $1,499	925	527	8	3	388	388	–	–	–
$1,500 or more	1 641	960	2	7	672	656	15	–	–
Not reported	5 224	3 866	37	19	1 302	1 206	75	21	–
Median	**478**	**435**	**658**	**475**	**622**	**662**	**240**	**229**	**...**
Average Monthly Cost Paid for Real Estate Taxes									
Less than $25	12 201	8 251	9	17	3 925	2 175	1 710	37	3
$25 to $49	10 959	8 974	26	30	1 928	1 565	305	58	–
$50 to $74	8 950	7 392	17	27	1 513	1 388	113	12	–
$75 to $99	6 496	5 190	37	26	1 243	1 205	38	–	–
$100 to $149	9 606	7 600	39	27	1 940	1 869	56	12	3
$150 to $199	5 344	4 241	28	14	1 061	1 026	34	1	–
$200 or more	7 957	5 888	56	45	1 968	1 939	17	11	–
Median	**71**	**72**	**121**	**93**	**65**	**84**	**25-**	**37**	**...**
Annual Taxes Paid Per $1,000 Value									
Less than $5	10 586	8 089	28	19	2 450	1 799	596	54	1
$5 to $9	17 117	13 126	34	49	3 909	3 516	369	23	–
$10 to $14	13 769	10 539	33	36	3 162	2 796	340	21	5
$15 to $19	7 484	5 974	43	24	1 443	1 230	188	25	–
$20 to $24	4 892	3 927	11	27	928	811	110	7	1
$25 or more	7 663	5 882	64	31	1 686	1 015	670	1	–
Median	**11**	**11**	**16**	**13**	**11**	**10**	**13**	**8**	**...**
Routine Maintenance in Last Year									
Less than $25 per month	40 213	30 139	99	99	9 876	7 947	1 820	103	6
$25 to $49	10 250	8 332	43	40	1 835	1 569	259	6	–
$50 to $74	2 142	1 773	16	11	342	292	50	–	–
$75 to $99	2 678	2 212	13	9	445	404	33	7	–
$100 to $149	1 229	1 009	7	3	210	183	24	3	–
$150 to $199	1 137	965	9	11	152	144	8	–	–
$200 or more per month	1 487	1 200	9	7	271	266	5	–	–
Not reported	2 375	1 907	16	5	447	362	73	12	1
Median	**25-**	**25-**	**25-**	**25-**	**25-**	**25-**	**25-**	**25-**	**...**

SECTION A. **1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS**

Table 3-11. **Selected Housing Costs—Owner Occupied Units**—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Condominium and Cooperative Fee									
Fee paid by owners	2 406	1 501	2	8	896	892	–	4	–
Less than $25 per month	29	19	–	–	10	10	–	–	–
$25 to $49	78	57	1	–	21	21	–	–	–
$50 to $74	210	80	–	–	129	129	–	–	–
$75 to $99	338	159	–	–	179	179	–	–	–
$100 to $149	720	398	1	–	320	320	–	–	–
$150 to $199	365	261	–	1	103	103	–	–	–
$200 or more per month	555	457	–	5	93	90	–	4	–
Not reported	112	69	–	2	40	40	–	–	–
Median	**134**	**150**	**...**	**...**	**114**	**114**	**...**	**...**	**...**
Other Housing Costs Per Month									
Homeowner association fee paid	2 080	1 240	2	3	836	832	–	4	–
Median	**130**	**142**	**...**	**...**	**114**	**114**	**...**	**...**	**...**
Mobile home park fee paid	189	78	–	–	111	51	60	–	–
Median	**71**	**45**	**...**	**...**	**87**	**...**	**44**	**...**	**...**
Land rent fee paid	82	73	2	–	7	4	–	3	–
Median	**16**	**13**	**...**	**...**	**...**	**...**	**...**	**...**	**...**

[1] May reflect a temporary situation, living off savings, or response error.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 3-12. Value, Purchase Price, and Source of Down Payment—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**61 512**	**47 536**	**212**	**186**	**13 578**	**11 167**	**2 273**	**132**	**6**
Value									
Less than $10,000	2 598	960	2	–	1 636	428	1 205	–	2
$10,000 to $19,999	2 752	1 439	7	5	1 301	818	476	7	–
$20,000 to $29,999	2 915	2 187	10	5	713	483	212	18	1
$30,000 to $39,999	3 765	3 222	11	16	516	380	122	14	–
$40,000 to $49,999	4 704	4 236	29	13	425	374	41	10	–
$50,000 to $59,999	4 594	4 050	7	15	522	470	41	11	–
$60,000 to $69,999	5 109	4 429	15	18	647	593	54	–	–
$70,000 to $79,999	4 603	3 877	15	21	690	665	25	–	1
$80,000 to $99,999	7 677	6 118	22	18	1 518	1 456	32	29	–
$100,000 to $119,999	4 456	3 418	14	5	1 019	990	20	9	–
$120,000 to $149,999	4 977	3 578	16	17	1 365	1 340	15	7	3
$150,000 to $199,999	5 693	4 361	22	19	1 291	1 271	14	6	–
$200,000 to $249,999	2 908	2 183	15	12	697	694	–	3	–
$250,000 to $299,999	1 655	1 238	13	7	397	397	–	–	–
$300,000 or more	3 108	2 241	14	13	840	809	14	17	–
Median	**79 383**	**78 371**	**89 282**	**79 461**	**84 457**	**98 852**	**10000-**	**83 951**	**...**
Value-Income Ratio									
Less than 1.5	18 355	13 202	56	64	5 033	3 299	1 707	23	3
1.5 to 1.9	7 983	6 279	30	25	1 649	1 506	128	15	–
2.0 to 2.4	7 222	5 404	7	22	1 788	1 668	110	10	–
2.5 to 2.9	5 234	3 916	17	12	1 288	1 190	61	36	1
3.0 to 3.9	6 760	5 384	25	19	1 332	1 268	51	10	3
4.0 to 4.9	4 057	3 307	15	8	727	686	37	4	–
5.0 or more	11 274	9 556	61	33	1 624	1 460	130	34	–
Zero or negative income	626	487	–	2	137	89	48	–	–
Median	**2.3**	**2.4**	**2.8**	**2.1**	**2.0**	**2.2**	**1.5-**	**2.8**	**...**
Other Activities on Property[1]									
Commercial establishment	898	691	4	4	198	136	53	10	–
Medical or dental office	169	144	–	1	24	24	–	–	–
Neither	60 508	46 750	208	181	13 370	11 021	2 220	122	6
Year Unit Acquired									
1990 to 1994	6 996	3 830	5	16	3 144	2 790	343	9	2
1985 to 1989	16 697	9 770	39	45	6 844	6 011	782	48	3
1980 to 1984	8 026	5 310	6	31	2 680	2 227	432	22	–
1975 to 1979	8 470	8 031	32	18	390	–	358	32	–
1970 to 1974	5 686	5 423	22	17	224	–	215	9	–
1960 to 1969	7 540	7 415	23	16	86	–	86	–	–
1950 to 1959	4 746	4 679	45	21	2	–	2	–	–
1940 to 1949	1 657	1 605	28	20	4	–	4	–	–
1939 or earlier	506	504	2	1	–	–	–	–	–
Not reported	1 186	970	11	2	202	140	50	12	1
Median	**1979**	**1976**	**1970**	**1978**	**1986**	**1986**	**1983**	**1983**	**...**
First Time Owners									
First home ever owned	26 838	22 186	92	98	4 463	3 428	1 015	19	–
Not first home	32 976	24 051	109	85	8 731	7 416	1 213	97	6
Not reported	1 698	1 299	11	3	384	323	44	15	1
Purchase Price									
Home purchased or built	58 871	45 196	186	177	13 312	11 017	2 172	117	6
Less than $10,000	6 111	4 806	13	7	1 284	228	1 037	17	2
$10,000 to $19,999	9 308	7 873	27	17	1 391	836	539	16	–
$20,000 to $29,999	6 450	5 548	29	23	850	668	169	13	1
$30,000 to $39,999	5 287	4 637	22	25	603	521	73	9	–
$40,000 to $49,999	4 387	3 697	15	27	648	573	67	7	–
$50,000 to $59,999	3 650	3 023	8	18	601	573	27	1	–
$60,000 to $69,999	3 343	2 466	6	12	859	841	10	7	–
$70,000 to $79,999	2 629	1 849	6	7	767	756	2	10	–
$80,000 to $99,999	3 737	2 324	8	7	1 399	1 388	8	–	3
$100,000 to $119,999	2 060	1 170	10	2	878	874	4	–	–
$120,000 to $149,999	2 229	1 294	6	7	923	919	3	–	–
$150,000 to $199,999	2 044	1 075	8	6	956	952	–	3	–
$200,000 to $249,999	883	415	10	2	456	455	–	1	–
$250,000 to $299,999	484	268	4	3	208	208	–	–	–
$300,000 or more	828	401	–	4	423	409	7	7	–
Not reported	5 442	4 349	15	10	1 068	816	226	26	–
Median	**39 164**	**34 737**	**37 340**	**43 947**	**68 676**	**81 509**	**10000-**	**30 065**	**...**
Received as inheritance or gift	1 469	1 384	15	7	63	10	51	2	–
Not reported	1 172	956	11	2	202	140	50	12	1
Major Source of Down Payment									
Home purchased or built	58 871	45 196	186	177	13 312	11 017	2 172	117	6
Sale of previous home	17 787	13 048	58	30	4 651	4 236	372	39	3
Savings or cash on hand	28 265	22 434	83	103	5 644	4 554	1 061	27	3
Sale of other investment	441	348	–	3	90	88	–	2	–
Borrowing, other than mortgage on this property	2 074	1 685	6	11	372	239	122	11	–
Inheritance or gift	1 368	1 020	6	4	337	287	51	–	–
Land where building built used for financing	414	247	1	1	165	152	13	–	–
Other	2 464	1 869	5	3	587	422	161	4	–
No down payment	4 618	3 422	23	20	1 153	777	350	27	–
Not reported	1 441	1 122	3	2	313	264	42	7	–

[1]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 3-13. Mortgage Characteristics—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**61 512**	**47 536**	**212**	**186**	**13 578**	**11 167**	**2 273**	**132**	**6**
Mortgages Currently on Property									
None, owned free and clear	25 479	21 006	85	47	4 342	2 652	1 619	70	1
With mortgage or land contract	36 032	26 530	127	139	9 236	8 515	654	62	5
One mortgage or land contract	30 256	21 904	94	117	8 140	7 492	599	44	5
Two mortgages	4 939	4 025	24	19	871	826	35	10	–
Three or more mortgages	92	68	–	3	22	22	–	–	–
Number of mortgages not reported	745	533	9	–	203	176	19	8	–
OWNERS WITH ONE OR MORE MORTGAGES									
Total	**36 032**	**26 530**	**127**	**139**	**9 236**	**8 515**	**654**	**62**	**5**
Type of Primary Mortgage									
FHA	5 465	4 152	2	13	1 297	1 279	15	4	–
VA	2 688	2 142	8	13	525	511	7	7	–
Farmers Home Administration	439	328	–	–	111	109	2	–	–
Other types	25 578	18 500	104	108	6 867	6 226	591	44	5
Don't know	754	602	–	5	146	130	16	–	–
Not reported	1 108	806	13	–	290	260	22	8	–
Lower Cost State and Local Mortgages									
State or local program used	3 305	2 488	8	15	793	741	42	10	–
Not used	31 607	23 227	111	120	8 149	7 520	579	44	5
Not reported	1 121	815	8	3	294	254	32	8	–
Mortgage Origination									
Placed new mortgage(s)	29 080	20 839	94	116	8 031	7 407	568	51	5
Primary obtained when property acquired	23 720	16 410	66	97	7 147	6 647	451	44	5
Obtained later	5 234	4 344	28	19	843	722	114	6	–
Date not reported	125	84	–	–	41	38	3	–	–
Assumed	1 752	1 423	–	3	325	286	40	–	–
Wrap-around	31	25	–	–	6	4	2	–	–
Combination of the above	4 134	3 452	23	20	639	612	23	4	–
Origin not reported	1 036	791	11	–	234	206	21	8	–
Payment Plan of Primary Mortgage									
Fixed payment, self amortizing	27 630	20 707	94	113	6 716	6 270	417	24	5
Adjustable rate mortgage	3 128	2 067	16	18	1 028	977	37	13	–
Adjustable term mortgage	70	50	–	1	19	17	2	–	–
Graduated payment mortgage	427	247	–	1	179	179	–	–	–
Balloon	264	164	2	–	97	78	19	–	–
Other	448	326	–	2	119	115	–	4	–
Combination of the above	285	185	–	–	99	93	7	–	–
Not reported	3 782	2 784	15	3	979	786	172	21	–
Payment Plan of Secondary Mortgage									
Units with two or more mortgages	5 032	4 093	24	22	893	847	35	10	–
Fixed payment, self amortizing	2 702	2 169	9	8	516	496	13	7	–
Adjustable rate mortgage	492	411	3	3	75	68	7	–	–
Adjustable term mortgage	61	45	–	–	16	16	–	–	–
Graduated payment mortgage	10	10	–	–	–	–	–	–	–
Balloon	54	45	–	1	8	7	2	–	–
Other	33	25	–	–	8	8	–	–	–
Combination of the above	241	200	2	3	35	35	–	–	–
Not reported	1 440	1 189	11	6	235	218	14	3	–
Lenders of Primary and Secondary Mortgages									
Only borrowed from firm(s)	31 572	22 976	102	118	8 376	7 803	522	48	3
Only borrowed from seller	951	782	5	10	153	79	74	–	–
Only borrowed from other individual(s)	402	283	–	3	115	88	22	3	2
Borrowed from a firm and seller	226	191	1	–	35	32	3	–	–
Borrowed from a firm and other individual	116	87	–	2	27	27	–	–	–
Borrowed from seller and other individual	6	6	–	–	–	–	–	–	–
One or both sources not reported	2 759	2 205	19	6	529	486	32	11	–
Items Included in Primary Mortgage Payment[1]									
Principal and interest only	12 613	9 007	39	39	3 529	3 007	482	37	2
Property taxes	20 641	15 603	68	92	4 878	4 782	82	14	–
Property insurance	17 315	12 821	49	62	4 383	4 278	95	10	–
Other	1 517	1 132	5	4	376	376	–	–	–
Not reported	1 702	1 281	19	7	395	342	40	11	3
Year Primary Mortgage Originated									
1990 to 1994	7 146	4 386	14	15	2 732	2 546	180	3	2
1985 to 1989	14 828	9 648	52	54	5 074	4 728	310	33	3
1980 to 1984	4 106	3 018	3	20	1 065	984	78	4	–
1975 to 1979	4 885	4 803	15	16	51	–	43	8	–
1970 to 1974	2 331	2 302	11	7	11	–	4	7	–
1960 to 1969	1 369	1 357	1	6	4	–	4	–	–
1950 to 1959	97	68	21	8	–	–	–	–	–
1949 or earlier	27	14	2	11	–	–	–	–	–
Not reported	1 244	934	9	1	299	256	36	8	–
Median	**1985**	**1983**	**1984**	**1983**	**1987**	**1987**	**1986**	**1986**	**...**

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 3-13. Mortgage Characteristics—Owner Occupied Units—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
OWNERS WITH ONE OR MORE MORTGAGES—Con.									
Term of Primary Mortgage at Origination or Assumption									
Less than 8 years	821	384	–	2	435	253	173	7	2
8 to 12 years	1 033	549	2	4	478	350	117	11	–
13 to 17 years	3 351	1 980	9	9	1 353	1 243	101	9	–
18 to 22 years	2 376	1 912	23	21	421	392	29	–	–
23 to 27 years	2 439	2 110	9	14	306	299	–	7	–
28 to 32 years	17 282	12 509	41	62	4 670	4 610	50	8	3
33 years or more	466	371	–	–	95	91	–	4	–
Variable	364	295	–	1	68	61	7	–	–
Not reported	7 900	6 421	44	25	1 409	1 216	176	17	–
Median	**29**	**29**	**28**	**28**	**29**	**29**	**11**	**16**	**...**
Remaining Years Mortgaged									
Less than 8 years	4 745	3 685	11	11	1 038	669	333	34	2
8 to 12	5 066	3 969	19	26	1 052	929	123	–	–
13 to 17	5 105	4 216	22	17	850	802	43	6	–
18 to 22	2 967	2 308	4	9	645	603	34	8	–
23 to 27	6 699	4 318	21	27	2 332	2 303	25	4	–
28 to 32	6 291	3 809	7	18	2 456	2 446	7	–	3
33 years or more	116	82	–	–	35	35	–	–	–
Variable	941	764	–	6	170	163	7	–	–
Not reported	4 103	3 379	42	24	658	565	82	11	–
Median	**19**	**17**	**16**	**18**	**24**	**25**	**8-**	**8-**	**...**
Current Interest Rate									
Less than 6 percent	880	700	2	3	176	172	4	–	–
6 to 7.9	1 633	1 491	2	5	135	124	–	10	–
8 to 9.9	8 871	6 327	20	24	2 500	2 466	30	3	–
10 to 11.9	6 275	4 203	25	31	2 017	1 920	81	11	5
12 to 13.9	874	524	4	7	339	313	26	–	–
14 to 15.9	214	78	–	1	134	101	34	–	–
16 to 17.9	57	33	–	1	23	16	8	–	–
18 to 19.9	52	12	–	1	39	31	8	–	–
20 percent or more	25	8	–	–	16	9	8	–	–
Not reported	17 151	13 153	75	67	3 856	3 363	456	38	–
Median	**9.1**	**8.9**	**9.7**	**9.8**	**9.4**	**9.3**	**11.1**	**8.6**	**...**
Total Outstanding Principal Amount									
Less than $10,000	2 091	1 739	20	18	313	212	82	17	2
$10,000 to $19,999	2 316	1 877	6	10	423	359	61	3	–
$20,000 to $29,999	2 198	1 903	4	9	282	268	14	–	–
$30,000 to $39,999	2 061	1 657	3	6	395	378	17	–	–
$40,000 to $49,999	1 874	1 412	6	4	451	443	2	4	3
$50,000 to $59,999	1 618	1 118	1	7	491	482	9	–	–
$60,000 to $69,999	1 306	821	2	5	477	477	–	–	–
$70,000 to $79,999	1 159	677	2	2	477	477	–	–	–
$80,000 to $99,999	1 511	769	4	1	737	729	8	–	–
$100,000 to $119,999	938	493	–	1	444	443	–	–	–
$120,000 to $149,999	810	438	2	5	365	363	2	–	–
$150,000 to $199,999	490	215	–	2	273	273	–	–	–
$200,000 to $249,999	209	101	–	1	107	107	–	–	–
$250,000 to $299,999	105	47	–	1	57	57	–	–	–
$300,000 or more	194	109	–	–	85	83	2	–	–
Not reported	17 151	13 153	75	67	3 856	3 363	456	38	–
Median	**44 130**	**37 059**	**19 423**	**29 561**	**66 972**	**69 088**	**12 683**	**10000-**	**...**
Current Total Loan as Percent of Value									
Less than 20 percent	3 366	2 996	25	23	322	275	27	20	–
20 to 39	2 920	2 392	12	16	500	474	21	–	5
40 to 59	3 693	2 547	3	10	1 133	1 097	32	4	–
60 to 79	4 662	2 911	2	7	1 742	1 691	51	–	–
80 to 89	2 072	1 243	–	8	821	817	4	–	–
90 to 99	1 303	810	–	2	491	482	9	–	–
100 percent or more	864	477	10	6	370	316	54	–	–
Not reported	17 151	13 153	75	67	3 856	3 363	456	38	–
Median	**57.1**	**50.2**	**21.8**	**36.8**	**68.4**	**68.6**	**67.4**	**20-**	**...**

[1]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 3-14. Repairs, Improvements, and Alterations—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**61 512**	**47 536**	**212**	**186**	**13 578**	**11 167**	**2 273**	**132**	**6**
Repairs, Improvements, Alterations in Last 2 Years									
Roof replaced (all or part)	9 901	8 986	44	48	823	541	270	11	1
Mostly done by household	2 343	2 031	8	17	286	138	137	10	–
Mostly done by others	7 267	6 691	34	28	514	381	131	1	1
Workers not reported	292	264	3	2	23	21	2	–	–
Costing $500 or more	6 760	6 321	28	37	374	230	143	–	1
Costing less than $500	1 978	1 620	8	9	341	228	102	11	–
Cost not reported	1 163	1 045	8	2	108	83	25	–	–
Roof replacement not reported	841	625	11	–	205	169	23	12	1
Additions built	2 707	1 902	15	10	781	587	188	5	1
Mostly done by household	1 294	824	9	7	453	305	148	–	–
Mostly done by others	1 336	1 018	5	2	311	267	37	5	1
Workers not reported	78	60	–	1	17	15	2	–	–
Costing $500 or more	2 102	1 470	13	8	610	475	129	5	1
Costing less than $500	252	158	–	–	94	64	30	–	–
Cost not reported	354	274	2	1	78	49	29	–	–
Additions not reported	743	566	11	–	167	134	20	12	1
Kitchen remodeled or added	5 152	4 555	22	26	549	376	146	28	–
Mostly done by household	2 661	2 313	15	16	316	193	99	24	–
Mostly done by others	2 410	2 177	6	9	219	176	43	–	–
Workers not reported	81	66	–	1	15	7	4	3	–
Costing $500 or more	3 552	3 238	17	19	277	231	39	6	–
Costing less than $500	1 071	860	2	2	207	108	77	21	–
Cost not reported	530	457	2	4	66	37	29	–	–
Kitchen remodeled or added not reported	747	557	9	–	180	142	25	12	1
Bathroom remodeled or added	6 044	5 346	32	32	633	441	189	4	–
Mostly done by household	3 349	2 884	21	14	430	281	146	4	–
Mostly done by others	2 564	2 341	11	17	195	152	43	–	–
Workers not reported	131	122	–	1	8	8	–	–	–
Costing $500 or more	3 460	3 131	20	28	281	208	72	–	–
Costing less than $500	1 867	1 579	10	2	275	176	99	–	–
Cost not reported	717	636	2	1	78	56	18	3	–
Bathroom remodeled or added not reported	755	561	9	–	185	152	20	12	1
Siding replaced or added	3 535	3 159	11	8	357	283	68	6	–
Mostly done by household	1 013	874	5	4	130	82	42	6	–
Mostly done by others	2 387	2 173	6	3	205	183	22	–	–
Workers not reported	135	112	–	1	23	19	4	–	–
Costing $500 or more	2 186	2 011	8	4	163	137	19	6	–
Costing less than $500	794	662	1	1	130	95	35	–	–
Cost not reported	556	486	1	3	65	51	14	–	–
Siding replaced or added not reported	808	586	9	–	213	158	43	12	1
Storm doors/windows bought and installed	7 877	6 866	33	35	943	678	262	3	–
Mostly done by household	3 480	2 904	12	13	551	393	155	3	–
Mostly done by others	4 193	3 797	19	20	358	257	100	–	–
Workers not reported	205	166	3	2	34	28	7	–	–
Costing $500 or more	3 157	2 905	15	21	216	172	44	–	–
Costing less than $500	3 811	3 154	14	11	633	456	174	3	–
Cost not reported	909	808	5	2	94	50	44	–	–
Storm doors/windows bought and installed not reported	826	614	9	–	204	158	33	12	1
Major equipment replaced or added	6 454	5 601	25	20	809	600	205	3	–
Mostly done by household	1 169	934	3	1	231	149	82	–	–
Mostly done by others	5 125	4 541	16	17	552	437	112	3	–
Workers not reported	160	126	6	2	26	14	12	–	–
Costing $500 or more	4 895	4 371	18	12	494	396	94	3	–
Costing less than $500	1 024	776	5	4	240	159	81	–	–
Cost not reported	535	454	2	4	75	45	30	–	–
Major equipment replaced or added not reported	817	606	9	–	202	167	23	12	1
Insulation added	4 274	3 619	16	18	622	421	195	6	–
Mostly done by household	2 270	1 815	13	11	432	269	157	6	–
Mostly done by others	1 822	1 647	4	5	166	135	30	–	–
Workers not reported	182	157	–	2	24	16	7	–	–
Costing $500 or more	844	769	6	6	63	60	3	–	–
Costing less than $500	2 425	2 014	5	8	399	245	151	3	–
Cost not reported	1 005	836	5	4	160	115	41	3	–
Insulation added not reported	885	666	9	1	209	161	35	12	1
Other major work[1]	11 983	9 696	44	52	2 191	1 890	287	14	–
Mostly done by household	4 041	3 103	21	25	892	732	153	7	–
Mostly done by others	7 508	6 231	22	26	1 230	1 098	124	7	–
Workers not reported	434	362	2	1	70	60	10	–	–
Other major work not reported	845	637	9	1	197	144	41	12	1
Government Subsidy for Repairs									
Units with major repairs the last 2 years	31 076	25 988	118	128	4 842	3 831	962	48	1
Received low-interest loan or grant	746	654	1	2	90	49	41	–	–
No low-interest loan or grant	29 646	24 795	115	123	4 613	3 677	887	48	1
Not reported	683	540	1	3	139	106	34	–	–

[1]Includes other major repairs, alterations, or improvements totaling over $500 each.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 4-1. Introductory Characteristics—Renter Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**31 463**	**24 204**	**607**	**97**	**6 555**	**5 427**	**793**	**234**	**100**
Tenure									
Owner occupied	...	...	...	...	...	...	...	...	...
Percent of all occupied	...	...	...	...	...	...	...	...	...
Renter occupied	31 463	24 204	607	97	6 555	5 427	793	234	100
Race and Origin									
White	24 390	18 433	461	68	5 428	4 425	729	188	87
Non-Hispanic	21 363	15 970	411	61	4 921	4 029	686	134	72
Hispanic	3 027	2 463	50	6	508	396	43	54	15
Black	5 321	4 369	115	27	810	712	52	33	13
Other	1 752	1 402	31	2	317	290	13	14	–
Total Hispanic	3 580	2 940	64	7	568	443	49	61	15
Units in Structure									
1, detached	8 280	7 491	–	44	746	601	15	91	39
1, attached	2 589	1 920	–	4	665	640	6	10	9
2 to 4	6 967	5 530	523	31	883	821	10	43	9
5 to 9	3 845	2 734	77	8	1 027	1 005	–	21	–
10 to 19	3 298	2 224	2	4	1 067	1 045	–	11	11
20 to 49	2 617	1 897	5	4	711	639	7	38	27
50 or more	2 726	2 208	–	2	516	490	–	20	6
Mobile home or trailer	1 141	200	–	–	941	185	756	–	–
Cooperatives and Condominiums									
Cooperatives	225	202	–	–	22	20	2	–	–
Condominiums	1 002	596	1	–	405	404	–	–	1
Year Structure Built[1]									
1990 to 1994	470	–	–	–	470	470	–	–	–
1985 to 1989	2 580	–	–	–	2 580	2 580	–	–	–
1980 to 1984	2 488	105	–	–	2 383	2 376	2	–	4
1975 to 1979	3 353	2 974	19	6	355	–	258	63	33
1970 to 1974	3 734	3 426	21	2	286	–	259	8	19
1960 to 1969	4 736	4 442	41	12	241	–	187	27	28
1950 to 1959	3 440	3 266	98	12	64	–	46	18	1
1940 to 1949	2 815	2 654	77	12	72	–	29	33	10
1930 to 1939	2 739	2 355	319	48	17	–	3	11	3
1920 to 1929	1 960	1 911	10	–	39	–	4	35	–
1919 or earlier	3 147	3 072	22	4	49	–	7	40	2
Median	**1963**	**1956**	**1939**	**1939**	**1984**	**1985**	**1972**	**1949**	**1972**
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	26 216	20 286	497	84	5 349	4 746	383	159	62
In central cities	14 103	11 566	252	53	2 232	2 060	56	91	24
Suburbs	12 113	8 720	245	31	3 118	2 686	326	68	38
Outside metropolitan statistical areas	5 247	3 918	110	14	1 206	681	411	76	39
Regions									
Northeast	6 752	5 820	237	22	673	473	100	84	16
Midwest	6 585	5 493	132	26	934	813	81	18	22
South	10 249	7 031	134	29	3 056	2 463	493	84	16
West	7 877	5 859	105	20	1 892	1 678	120	48	46
Urbanized Areas									
Inside urbanized areas	23 175	18 477	409	77	4 212	3 882	147	130	54
In central cities of (P)MSA's	13 883	11 432	246	53	2 152	1 982	54	91	24
Urban fringe	9 292	7 045	163	24	2 061	1 900	92	38	30
Outside urbanized areas	8 288	5 727	198	21	2 343	1 545	647	105	46
Other urban	3 854	2 908	111	18	817	688	67	36	26
Rural	4 433	2 819	87	3	1 525	857	580	69	20
Place Size[2]									
Less than 2,500 persons	1 162	934	34	–	193	98	76	12	7
2,500 to 9,999 persons	2 689	2 169	95	12	412	323	72	17	1
10,000 to 19,999 persons	2 797	2 245	45	12	496	427	39	16	13
20,000 to 49,999 persons	4 624	3 623	127	11	862	795	20	31	17
50,000 to 99,999 persons	3 272	2 671	40	6	554	485	25	20	24
100,000 to 249,999 persons	3 324	2 597	58	10	660	635	20	3	2
250,000 to 499,999 persons	2 448	1 955	38	14	441	408	11	10	12
500,000 to 999,999 persons	2 082	1 673	40	12	357	353	–	4	–
1,000,000 persons or more	3 739	3 359	56	13	311	239	7	56	10

[1]For mobile home, oldest category is 1939 or earlier.
[2]Figures will not add to total, because all units are not in Places.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 4-2. Height and Condition of Building—Renter Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**31 463**	**24 204**	**607**	**97**	**6 555**	**5 427**	**793**	**234**	**100**
Stories in Structure									
1	2 117	1 515	109	13	480	455	–	11	14
2	7 413	5 028	191	10	2 184	2 134	10	25	16
3	5 174	3 944	212	14	1 005	962	–	37	6
4 to 6	3 018	2 602	95	7	315	283	–	16	17
7 or more	1 729	1 505	–	5	219	168	7	45	–
Not reported	1	–	1	–	–	–	–	–	–
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	17 335	13 078	497	36	3 723	3 547	16	122	38
None (on same floor)	5 884	4 246	249	16	1 374	1 343	3	28	–
1 (up or down)	4 979	3 758	158	9	1 054	994	7	31	22
2 or more (up or down)	4 793	3 795	53	10	935	863	7	50	16
Not reported	1 679	1 280	38	1	360	347	–	13	–
Common Stairways									
Multiunits, 2 or more floors	17 335	13 078	497	36	3 723	3 547	16	122	38
No common stairways	3 173	2 250	241	11	671	650	–	21	–
With common stairways	12 556	9 605	216	24	2 710	2 567	16	88	38
No loose steps	11 731	8 932	197	22	2 580	2 447	16	88	30
Railings not loose	10 709	8 120	170	21	2 399	2 269	16	83	30
Railings loose	382	290	8	1	83	82	–	1	–
No railings	491	412	18	–	61	58	–	4	–
Status of railings not reported	148	110	1	–	38	38	–	–	–
Loose steps	782	637	20	2	124	114	–	1	9
Railings not loose	564	442	8	1	113	105	–	–	9
Railings loose	160	143	9	1	6	6	–	–	–
No railings	51	46	1	–	4	3	–	1	–
Status of railings not reported	8	6	1	–	–	–	–	–	–
Status of steps not reported	43	37	–	–	6	6	–	–	–
Status of stairways not reported	1 606	1 223	40	1	342	330	–	12	–
Light Fixtures in Public Halls									
2 or more units in structure	19 452	14 593	606	49	4 203	4 001	17	133	52
No public halls	6 852	4 781	382	24	1 666	1 611	–	43	12
No light fixtures in public halls	52	44	–	–	7	7	–	–	–
All in working order	7 376	5 828	99	13	1 436	1 339	7	56	34
Some in working order	569	485	35	3	47	31	10	–	6
None in working order	35	29	5	–	–	–	–	–	–
Unable to determine if working	2 612	1 962	27	8	615	596	–	19	–
Not reported	1 956	1 464	59	1	432	417	–	15	–
Elevator on Floor									
Multiunits, 2 or more floors	17 335	13 078	497	36	3 723	3 547	16	122	38
With 1 or more elevators working	2 615	2 089	1	5	520	451	7	46	17
With elevator, none in working condition	120	99	1	–	20	20	–	–	–
No elevator	12 971	9 653	455	30	2 832	2 737	10	64	22
Units 3 or more floors from main entrance	761	625	18	1	117	109	–	8	–
Not reported	1 629	1 237	40	1	352	339	–	12	–
Foundation									
1 unit bldg. excl. mobile homes	10 870	9 411	–	48	1 411	1 241	21	101	48
With basement under all of building	2 583	2 378	–	20	185	172	–	1	11
With basement under part of building	931	887	–	5	39	35	–	4	–
With crawl space	3 448	3 136	–	12	300	240	15	34	11
On concrete slab	3 506	2 676	–	9	822	768	6	45	2
Other	369	332	–	2	35	21	–	14	–
Not reported	33	2	–	–	31	4	–	3	24
External Building Conditions[1]									
Sagging roof	77	72	1	3	1	–	–	1	–
Missing roofing material	82	70	5	–	7	7	–	–	–
Hole in roof	19	19	–	–	–	–	–	–	–
Could not see roof	1 920	1 658	58	6	198	181	–	17	–
Missing bricks, siding, other outside wall material	293	255	13	6	20	20	–	–	–
Sloping outside walls	41	38	–	2	1	–	–	1	–
Boarded up windows	180	169	6	1	5	5	–	–	–
Broken windows	232	218	8	3	2	2	–	–	–
Bars on windows	389	368	13	1	8	5	–	3	–
Foundation crumbling or has open crack or hole	254	235	6	2	11	10	–	1	–
Could not see foundation	723	645	26	1	51	46	–	5	–
None of the above	14 504	10 597	451	36	3 421	3 265	17	97	42
Could not observe or not reported	2 333	1 716	70	1	547	519	–	18	10
Site Placement									
Mobile homes	1 141	200	–	–	941	185	756	–	–
First site	352	86	–	–	266	87	179	–	–
Moved from another site	300	31	–	–	269	48	221	–	–
Don't know	463	83	–	–	380	43	337	–	–
Not reported	26	–	–	–	26	7	19	–	–
Previous Occupancy									
Unit built 1980 or later	5 538	105	–	–	5 433	5 427	2	–	4
Not previously occupied	831	–	–	–	831	819	–	12	–
Not reported	1 180	77	2	–	1 100	1 090	–	7	4

[1]Figures may not add to total because more than one category may apply.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 4-3. Size of Unit and Lot—Renter Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**31 463**	**24 204**	**607**	**97**	**6 555**	**5 427**	**793**	**234**	**100**
Rooms									
1 room	486	348	54	–	84	37	–	11	36
2 rooms	866	712	51	–	103	74	9	16	4
3 rooms	6 569	5 048	168	13	1 340	1 177	67	65	32
4 rooms	10 253	7 330	170	24	2 728	2 187	445	82	15
5 rooms	7 168	5 566	93	20	1 488	1 232	207	49	–
6 rooms	3 693	3 128	43	20	502	443	46	7	7
7 rooms	1 462	1 270	12	8	172	164	8	–	–
8 rooms	612	530	8	8	67	67	–	–	–
9 rooms	221	166	2	1	52	33	12	5	2
10 rooms or more	133	106	5	4	18	14	–	–	4
Median	**4.3**	**4.3**	**3.7**	**5.1**	**4.1**	**4.2**	**4.2**	**3.8**	**2.8**
Bedrooms									
None	994	795	65	1	134	74	4	20	36
1	8 953	6 817	263	21	1 852	1 645	85	85	38
2	13 474	9 951	193	29	3 301	2 697	505	84	15
3	6 558	5 362	69	29	1 097	861	183	46	7
4 or more	1 484	1 278	17	18	171	150	17	–	4
Median	**1.9**	**2.0**	**1.4**	**2.4**	**1.9**	**1.9**	**2.1**	**1.6**	**.9**
Complete Bathrooms									
None	317	223	47	1	47	18	9	10	10
1	22 758	18 572	509	54	3 623	2 775	571	202	75
1 and one-half	3 359	2 577	25	2	756	615	130	7	4
2 or more	5 029	2 832	27	41	2 129	2 018	84	16	12
Square Footage of Unit									
Single detached and mobile homes	9 421	7 691	–	44	1 687	786	770	91	39
Less than 500	347	231	–	2	114	4	102	8	–
500 to 749	979	667	–	–	312	23	272	17	–
750 to 999	1 518	1 133	–	4	381	147	219	15	–
1,000 to 1,499	2 516	2 158	–	3	355	255	91	8	–
1,500 to 1,999	1 470	1 279	–	8	183	176	8	–	–
2,000 to 2,499	713	643	–	5	64	57	–	–	7
2,500 to 2,999	343	318	–	–	25	25	–	–	–
3,000 to 3,999	197	192	–	2	3	3	–	–	–
4,000 or more	189	170	–	2	18	4	6	6	2
Not reported	1 149	899	–	18	232	91	73	38	30
Median	**1 257**	**1 316**	**...**	**...**	**948**	**1 338**	**727**	**788**	**...**
Lot Size									
Less than one-eighth acre	1 002	796	–	5	200	93	102	–	4
One-eighth up to one-quarter acre	1 294	1 099	–	2	192	124	45	23	–
One-quarter up to one-half acre	782	660	–	4	118	81	37	–	–
One-half up to one acre	793	622	–	4	167	98	60	7	2
1 to 4 acres	936	740	–	5	192	86	106	–	–
5 to 9 acres	155	121	–	–	33	11	15	–	7
10 acres or more	503	383	–	–	121	48	64	9	–
Don't know	6 343	5 080	–	27	1 236	835	331	59	11
Not reported	203	109	–	–	93	50	17	3	24
Median	**.39**	**.37**	**...**	**...**	**.50**	**.42**	**.75**	**.23**	**...**
Persons Per Room									
0.50 or less	18 918	14 305	345	51	4 217	3 599	445	124	49
0.51 to 1.00	10 971	8 664	239	40	2 028	1 649	282	75	22
1.01 to 1.50	1 195	924	21	6	245	152	58	35	–
1.51 or more	379	311	2	1	65	28	7	1	29
Square Feet Per Person									
Single detached and mobile homes	9 421	7 691	–	44	1 687	786	770	91	39
Less than 200	752	530	–	1	221	45	162	14	–
200 to 299	1 329	1 059	–	2	268	84	171	13	–
300 to 399	1 299	1 057	–	3	239	129	110	–	–
400 to 499	1 059	862	–	9	188	122	57	10	–
500 to 599	765	647	–	3	115	65	50	–	–
600 to 699	664	551	–	3	110	59	40	4	7
700 to 799	446	356	–	1	89	39	48	–	2
800 to 899	347	285	–	1	60	38	23	–	–
900 to 999	328	260	–	–	68	44	20	4	–
1,000 to 1,499	754	690	–	–	64	47	8	9	–
1,500 or more	529	495	–	2	32	24	8	–	–
Not reported	1 149	899	–	18	232	91	73	38	30
Median	**471**	**487**	**...**	**...**	**400**	**473**	**314**	**405**	**...**

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 4-4. Selected Equipment and Plumbing—Renter Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**31 463**	**24 204**	**607**	**97**	**6 555**	**5 427**	**793**	**234**	**100**
Equipment[1]									
Lacking complete kitchen facilities	508	377	45	1	85	37	2	10	36
With complete kitchen (sink, refrigerator and burners)	30 955	23 827	562	96	6 470	5 390	791	224	64
Kitchen Sink	31 182	24 017	572	97	6 496	5 408	793	228	66
Refrigerator	31 305	24 105	581	97	6 521	5 422	791	232	76
Less than 5 years old	11 027	7 749	214	37	3 026	2 727	198	84	18
Age not reported	1 417	949	36	1	430	394	20	16	–
Burners and oven	31 119	23 963	566	96	6 494	5 412	793	224	64
Less than 5 years old	8 067	5 164	180	33	2 691	2 454	166	60	11
Age not reported	1 562	1 042	31	1	488	450	31	7	1
Burners only	50	37	2	–	10	5	–	4	2
Less than 5 years old	24	18	–	–	6	2	–	4	–
Age not reported	4	4	–	–	–	–	–	–	–
Oven only	48	37	5	–	6	6	–	1	–
Less than 5 years old	21	16	2	–	3	2	–	1	–
Age not reported	7	7	–	–	–	–	–	–	–
Neither burners nor oven	246	167	34	1	44	4	–	6	34
Dishwasher	11 045	6 735	95	22	4 193	4 054	87	38	14
Less than 5 years old	3 890	1 907	34	12	1 937	1 906	10	21	–
Age not reported	830	429	10	1	391	386	5	–	–
Washing machine	14 474	10 750	188	62	3 473	2 981	403	78	11
Less than 5 years old	6 047	4 103	99	30	1 814	1 633	131	50	–
Age not reported	352	204	2	–	146	131	3	12	–
Clothes dryer	12 119	8 625	159	48	3 287	2 883	326	65	11
Less than 5 years old	4 895	3 105	61	27	1 702	1 571	108	21	2
Age not reported	299	161	7	–	131	120	11	–	–
Disposal in kitchen sink	12 403	8 197	57	16	4 133	4 043	44	36	11
Less than 5 years old	4 237	2 196	25	11	2 005	1 955	28	19	3
Age not reported	1 260	832	7	1	420	413	3	4	–
Air conditioning:									
Central	10 519	6 297	61	17	4 144	3 928	149	32	34
1 room unit	7 353	6 237	147	24	945	565	282	88	10
2 room units	2 035	1 821	35	8	171	95	46	15	15
3 room units or more	415	391	10	3	11	11	–	–	–
Main Heating Equipment									
Warm-air furnace	13 830	9 974	268	36	3 552	2 942	516	63	31
Steam or hot water system	5 974	5 405	175	23	370	260	21	64	24
Electric heat pump	2 070	1 076	7	2	985	945	28	5	6
Built-in electric units	3 536	2 517	27	1	991	929	25	26	11
Floor, wall, or other built-in hot air units without ducts	2 238	1 986	33	9	210	148	33	20	10
Room heaters with flue	1 115	992	18	6	99	33	33	24	9
Room heaters without flue	847	754	7	6	79	13	53	13	–
Portable electric heaters	311	240	17	6	48	11	30	8	–
Stoves	578	485	25	1	67	18	41	8	–
Fireplaces with inserts	60	37	4	–	19	19	–	–	–
Fireplaces without inserts	118	82	–	5	32	27	5	–	–
Other	320	268	11	4	37	33	4	–	–
None	467	388	14	–	65	49	3	3	10
Other Heating Equipment									
With other heating equipment[1]	5 145	3 843	107	19	1 176	991	153	19	12
Warm-air furnace	213	147	6	1	58	19	39	–	–
Steam or hot water system	26	19	–	–	7	3	5	–	–
Electric heat pump	51	40	–	–	11	9	2	–	–
Built-in electric units	442	336	17	4	85	78	2	–	5
Floor, wall, or other built-in hot-air units without ducts	98	91	1	1	4	4	–	–	–
Room heaters with flue	180	159	5	–	16	11	5	–	–
Room heaters without flue	445	378	7	3	57	27	28	1	–
Portable electric heaters	1 681	1 480	43	5	153	104	40	9	–
Stoves	398	311	14	1	72	43	24	6	–
Fireplaces with inserts	286	155	–	2	128	116	2	3	7
Fireplaces with no inserts	1 563	929	21	5	609	598	11	–	–
Other	146	123	3	–	19	19	–	–	–
Plumbing[2]									
With all plumbing facilities	30 673	23 619	537	95	6 421	5 339	774	226	83
Lacking some plumbing facilities[1]	133	82	26	–	24	8	4	3	10
No hot piped water	13	10	–	–	3	–	–	3	–
No bathtub nor shower	120	76	26	–	18	5	–	3	10
No flush toilet	87	51	20	–	16	3	4	–	10
No plumbing facilities for exclusive use	658	503	43	2	110	80	16	6	7
Source of Water									
Public system or private company	29 343	22 653	566	93	6 030	5 178	558	206	89
Well serving 1 to 5 units	1 591	1 161	30	3	398	163	203	25	7
Drilled	1 233	893	21	–	319	140	160	19	–
Dug	202	141	3	–	58	16	35	–	7
Not reported	156	127	6	3	21	7	8	6	–
Other	529	390	11	1	127	86	33	4	4
Means of Sewage Disposal									
Public sewer	28 271	21 971	510	94	5 696	5 108	317	183	88
Septic tank, cesspool, chemical toilet	3 138	2 187	96	3	852	319	472	48	12
Other	54	46	–	–	7	–	4	4	–

[1]Figures may not add to total because more than one category may apply to a unit.
[2]Data not up to publication standards; see "Qualifications of the Data" section in the Introduction.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 4-5. Fuels—Renter Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**31 463**	**24 204**	**607**	**97**	**6 555**	**5 427**	**793**	**234**	**100**
Main House Heating Fuel									
Housing units with heating fuel	30 996	23 816	593	97	6 490	5 378	790	231	90
Electricity	9 880	6 046	93	14	3 726	3 487	167	50	23
Piped gas	15 054	12 680	327	58	1 989	1 558	253	122	56
Bottled gas	751	482	3	–	266	93	149	15	9
Fuel oil	3 857	3 477	126	13	242	141	75	23	2
Kerosene or other liquid fuel	353	223	2	4	124	18	96	10	–
Coal or coke	62	51	5	–	6	–	4	1	–
Wood	817	661	31	5	119	71	42	6	–
Solar energy	1	–	–	–	1	1	–	–	–
Other	220	195	5	3	17	10	4	3	–
Other House Heating Fuels									
With other heating fuels[1]	3 233	2 468	54	12	699	538	131	18	12
Electricity	1 310	1 094	28	6	181	109	58	9	5
Piped gas	213	161	3	3	46	38	8	–	–
Bottled gas	73	59	4	–	11	2	8	–	–
Fuel oil	133	126	3	–	3	2	–	1	–
Kerosene or other liquid fuel	353	299	8	–	46	23	22	–	–
Coal or coke	25	23	–	–	2	2	–	–	–
Wood	1 152	737	7	2	406	357	34	8	7
Solar energy	21	19	–	–	2	2	–	–	–
Other	57	42	1	–	14	14	–	–	–
Not reported	240	187	4	–	49	23	25	–	–
Cooking Fuel									
With cooking fuel	31 208	24 028	573	96	6 511	5 423	793	228	66
Electricity	16 969	11 815	282	44	4 828	4 409	263	111	45
Piped gas	13 223	11 593	270	48	1 313	934	255	106	18
Bottled gas	913	556	21	4	331	75	241	11	4
Kerosene or other liquid fuel	54	29	–	–	25	–	25	–	–
Coal or coke	–	–	–	–	–	–	–	–	–
Wood	10	10	–	–	–	–	–	–	–
Other	38	25	–	–	13	5	9	–	–
Water Heating Fuel									
With hot piped water	31 364	24 131	587	97	6 548	5 427	793	228	100
Electricity	11 903	7 757	154	27	3 965	3 415	451	84	16
Piped gas	16 208	13 556	350	61	2 242	1 842	203	122	75
Bottled gas	574	370	13	–	191	69	100	13	9
Fuel oil	2 287	2 156	67	7	58	43	5	10	–
Kerosene or other liquid fuel	59	33	–	–	26	3	23	–	–
Coal or coke	8	8	–	–	–	–	–	–	–
Wood	10	9	–	–	–	–	–	–	–
Solar energy	49	30	2	–	16	16	–	–	–
Other	266	212	1	3	50	38	12	–	–
Central Air Conditioning Fuel									
With central air conditioning	10 519	6 297	61	17	4 144	3 928	149	32	34
Electricity	9 978	5 908	61	14	3 995	3 784	145	32	34
Piped gas	486	348	–	3	136	136	–	–	–
Other	54	42	–	–	13	9	4	–	–
Clothes Dryer Fuel									
With clothes dryer	12 119	8 625	159	48	3 287	2 883	326	65	11
Electricity	10 068	6 929	122	37	2 980	2 609	306	63	2
Piped gas	1 938	1 598	37	11	292	267	13	3	9
Other	113	98	–	–	15	8	7	–	–
Units Using Each Fuel[1]									
Electricity	31 446	24 191	607	97	6 551	5 427	793	234	96
All-electric units	7 666	4 484	54	8	3 119	2 995	77	37	11
Piped gas	20 247	17 036	436	74	2 702	2 140	331	153	78
Bottled gas	1 416	918	29	5	464	130	303	22	9
Fuel oil	4 743	4 255	139	15	335	185	94	39	17
Kerosene or other liquid fuel	740	545	10	4	181	41	130	10	–
Coal or coke	89	76	5	–	8	2	4	1	–
Wood	1 974	1 402	38	8	525	428	76	15	7
Solar energy	68	47	2	–	18	18	–	–	–
Other	481	395	7	3	77	62	12	3	–

[1]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 4-6. Failures in Equipment—Renter Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**31 463**	**24 204**	**607**	**97**	**6 555**	**5 427**	**793**	**234**	**100**
Water Supply Stoppage									
With hot and cold piped water	31 364	24 131	587	97	6 548	5 427	793	228	100
No stoppage in last 3 months	29 246	22 442	548	89	6 167	5 169	704	205	89
With stoppage in last 3 months	1 717	1 389	34	9	286	214	48	13	11
No stoppage lasting 6 hours or more	667	557	15	1	94	75	11	8	–
1 time lasting 6 hours or more	632	476	9	7	141	100	24	5	11
2 times	155	134	6	–	15	13	2	–	–
3 times	76	59	1	–	16	8	8	–	–
4 times or more	85	81	–	–	4	2	2	–	–
Number of times not reported	103	83	2	1	16	16	–	–	–
Stoppage not reported	401	300	5	–	96	44	42	10	–
Flush Toilet Breakdowns									
With one or more flush toilets	31 289	24 090	567	97	6 535	5 424	790	231	90
With at least one working toilet at all times in last 3 months	28 905	22 195	528	88	6 094	5 102	699	219	74
None working some time in last 3 months	2 222	1 766	33	8	415	301	88	10	16
No breakdowns lasting 6 hours or more	683	528	10	–	145	101	26	8	10
1 time lasting 6 hours or more	962	770	12	6	174	128	46	–	–
2 times	237	187	4	1	46	33	7	–	6
3 times	87	71	2	1	14	9	5	–	–
4 times or more	116	99	1	–	15	10	4	2	–
Number of times not reported	137	110	4	1	22	20	2	–	–
Breakdowns not reported	162	129	6	1	26	21	2	2	–
Sewage Disposal Breakdowns									
With public sewer	28 271	21 971	510	94	5 696	5 108	317	183	88
No breakdowns in last 3 months	27 730	21 525	507	94	5 605	5 035	299	183	88
With breakdowns in last 3 months	541	446	4	1	91	73	18	–	–
No breakdowns lasting 6 hours or more	164	128	2	–	34	28	6	–	–
1 time lasting 6 hours or more	252	207	–	1	44	34	10	–	–
2 times	56	45	–	–	11	11	–	–	–
3 times	28	26	–	–	2	–	2	–	–
4 times or more	41	39	1	–	–	–	–	–	–
With septic tank or cesspool	3 138	2 187	96	3	852	319	472	48	12
No breakdowns in last 3 months	3 009	2 078	95	2	835	316	458	48	12
With breakdowns in last 3 months	129	109	1	1	17	3	14	–	–
No breakdowns lasting 6 hours or more	30	25	1	–	4	–	4	–	–
1 time lasting 6 hours or more	76	66	–	1	10	1	8	–	–
2 times	14	12	–	–	2	2	–	–	–
3 times	2	–	–	–	2	–	2	–	–
4 times or more	7	7	–	–	–	–	–	–	–
Heating Problems									
With heating equipment and occupied last winter	23 797	18 882	451	72	4 392	3 625	537	163	66
Not uncomfortably cold for 24 hours or more last winter	21 152	16 590	392	60	4 110	3 435	476	141	58
Uncomfortably cold for 24 hours or more last winter[1]	2 568	2 225	59	13	272	186	58	20	7
Equipment breakdowns	913	805	13	4	92	56	24	11	–
No breakdowns lasting 6 hours or more	48	38	4	–	7	–	7	–	–
1 time lasting 6 hours or more	443	380	2	3	58	39	7	11	–
2 times	136	121	3	–	12	7	5	–	–
3 times	78	74	–	1	4	3	1	–	–
4 times or more	136	130	4	–	2	2	–	–	–
Number of times not reported	72	63	–	–	9	6	3	–	–
Other causes	1 827	1 573	48	10	196	135	39	14	7
Utility interruption	291	220	8	1	61	30	17	7	7
Inadequate heating capacity	519	475	15	–	28	25	2	2	–
Inadequate insulation	308	273	7	6	22	22	–	–	–
Other	627	543	13	3	68	48	21	–	–
Not reported	82	62	4	–	16	12	–	4	–
Reason for discomfort not reported	5	4	–	–	–	–	–	–	–
Discomfort not reported	76	67	–	–	9	4	3	2	–
Electric Fuses and Circuit Breakers									
With electrical wiring	31 457	24 198	607	97	6 555	5 427	793	234	100
No fuses or breakers blown in last 3 mo.	27 071	20 645	503	72	5 850	4 891	659	201	100
With fuses or breakers blown in last 3 mo.	3 908	3 209	99	20	580	430	126	24	–
1 time	1 652	1 341	40	3	268	209	53	6	–
2 times	829	673	18	11	129	96	23	10	–
3 times	418	344	15	3	56	36	13	7	–
4 times or more	682	585	14	3	79	45	33	1	–
Number of times not reported	327	266	12	–	48	45	4	–	–
Problem not reported or don't know	479	345	5	5	125	107	9	9	–

[1]Other causes and equipment breakdowns may not add to total as both may be reported.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 4-7. Additional Indicators of Housing Quality—Renter Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**31 463**	**24 204**	**607**	**97**	**6 555**	**5 427**	**793**	**234**	**100**
Selected Amenities[1]									
Porch, deck, balcony, or patio	19 720	14 537	325	66	4 792	4 176	504	82	31
Not reported	76	58	1	–	16	7	3	–	6
Telephone available	27 681	21 241	451	85	5 904	5 026	598	181	99
Usable fireplace	4 020	2 505	58	14	1 443	1 405	21	8	9
Separate dining room	9 422	7 603	117	43	1 659	1 524	90	33	11
With 2 or more living rooms or recreation rooms, etc.	3 167	2 643	60	19	446	408	31	–	6
Garage or carport included with home	9 983	7 740	106	22	2 114	1 991	76	30	18
Not included	21 355	16 346	498	76	4 434	3 430	717	205	82
Offstreet parking included	15 479	11 057	319	51	4 053	3 173	676	134	70
Offstreet parking not reported	300	233	5	–	62	49	8	3	2
Garage or carport not reported	125	117	2	–	6	6	–	–	–
Cars and Trucks Available[1]									
No cars, trucks, or vans	6 806	5 728	181	31	865	577	156	72	60
Other households without cars	1 684	1 220	38	4	421	291	101	26	3
1 car with or without trucks or vans	16 045	12 122	298	36	3 589	3 056	408	96	29
2 cars	6 007	4 430	81	19	1 478	1 310	122	37	8
3 or more cars	921	704	8	7	203	193	7	3	–
With cars, no trucks or vans	18 674	13 985	330	49	4 309	3 786	384	105	34
1 truck or van with or without cars	5 254	3 921	89	16	1 228	971	206	48	3
2 or more trucks or vans	729	569	6	1	152	93	47	10	3
Owner or Manager on Property									
Rental, multiunit[2]	19 453	14 593	607	49	4 203	4 001	17	133	52
Owner or manager lives on property	7 303	5 238	172	9	1 884	1 821	–	45	17
Neither owner nor manager lives on property	12 109	9 351	399	40	2 319	2 180	16	89	35
Not reported	41	4	36	–	–	–	–	–	–
Selected Deficiencies[1]									
Signs of rats in last 3 months	1 702	1 448	45	13	196	76	86	28	5
Holes in floors	588	502	16	5	65	29	32	4	–
Open cracks or holes (interior)	2 457	2 169	42	15	232	161	54	17	–
Broken plaster or peeling paint (interior)	1 893	1 738	26	7	122	81	19	22	–
No electrical wiring	5	5	–	–	–	–	–	–	–
Exposed wiring	752	595	29	6	122	88	23	7	4
Rooms without electric outlets	766	677	17	4	68	39	17	12	–
Water Leakage During Last 12 Months									
No leakage from inside structure	26 231	19 969	528	83	5 650	4 708	669	182	91
With leakage from inside structure[1]	5 152	4 169	78	14	891	707	124	50	10
Fixtures backed up or overflowed	1 591	1 268	30	2	291	234	46	11	–
Pipes leaked	2 752	2 292	45	11	403	282	77	35	10
Other or unknown (includes not reported)	1 022	794	3	2	223	202	16	5	–
Interior leakage not reported	80	67	–	–	13	11	–	2	–
No leakage from outside structure	27 432	20 902	512	72	5 946	4 991	654	212	89
With leakage from outside structure[1]	3 908	3 202	90	25	590	421	137	20	12
Roof	1 946	1 597	49	16	284	158	101	16	9
Basement	778	717	15	6	41	32	–	1	7
Walls, closed windows, or doors	930	700	21	2	207	157	40	–	9
Other or unknown (includes not reported)	491	373	8	3	107	95	8	4	–
Exterior leakage not reported	123	100	4	–	19	15	2	2	–
Overall Opinion of Structure									
1 (worst)	411	374	7	3	27	23	4	–	–
2	270	224	7	1	38	20	18	–	–
3	407	337	10	–	59	35	24	–	–
4	723	600	15	3	105	63	34	4	4
5	3 404	2 825	73	13	493	311	136	36	9
6	2 440	2 052	40	9	339	244	65	19	11
7	4 860	3 897	98	13	851	711	101	33	5
8	7 844	5 860	162	23	1 799	1 560	173	31	36
9	3 647	2 592	64	12	978	894	46	31	8
10 (best)	7 158	5 177	123	20	1 838	1 548	185	77	27
Not reported	299	264	7	–	27	18	7	2	–
Selected Physical Problems									
Severe physical problems[1]	1 131	901	77	5	148	92	25	9	21
Plumbing	790	585	70	2	134	87	20	9	18
Heating	215	204	4	1	6	4	1	–	–
Electric	27	23	–	–	4	–	–	–	4
Upkeep	133	123	3	3	4	–	4	–	–
Hallways	–	–	–	–	–	–	–	–	–
Moderate physical problems[1]	2 213	1 947	36	14	215	80	85	26	24
Plumbing	183	151	2	1	29	19	8	2	–
Heating	795	704	7	6	77	13	52	13	–
Upkeep	1 018	937	14	8	59	23	25	11	–
Hallways	42	36	4	–	2	2	–	–	–
Kitchen	314	247	10	1	56	30	2	1	24

[1]Figures may not add to total because more than one category may apply to a unit.
[2]Two or more units of any tenure in the structure.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 4-8. Neighborhood—Renter Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**31 463**	**24 204**	**607**	**97**	**6 555**	**5 427**	**793**	**234**	**100**
Overall Opinion of Neighborhood									
1 (worst)	871	764	24	6	77	62	4	1	10
2	534	437	8	2	88	51	26	5	6
3	771	610	13	3	145	116	15	14	–
4	876	708	24	4	139	128	7	4	–
5	3 279	2 670	47	7	555	438	66	32	19
6	2 227	1 759	51	6	412	365	32	7	8
7	4 000	3 098	83	6	813	710	55	38	9
8	6 626	4 961	127	25	1 513	1 308	147	35	22
9	3 613	2 692	83	8	831	741	70	17	2
10 (best)	8 046	5 975	133	28	1 909	1 464	347	74	24
No neighborhood	184	139	6	–	40	16	18	6	–
Not reported	437	392	8	2	35	26	7	2	–
Neighborhood Conditions									
With neighborhood	30 841	23 674	592	95	6 480	5 385	769	226	100
No problems	17 919	13 556	360	56	3 948	3 200	545	151	53
With problems[1]	12 816	10 041	230	39	2 506	2 163	220	76	47
Crime	3 719	3 039	81	21	579	502	38	19	20
Noise	3 449	2 772	72	10	595	533	32	22	8
Traffic	2 415	1 979	54	2	379	328	25	14	12
Litter or housing deterioration	1 257	1 046	28	4	179	150	12	1	15
Poor city or county services	455	399	6	1	51	35	10	–	6
Undesirable commercial, institutional, industrial	509	415	11	1	83	66	5	5	6
People	4 791	3 753	71	13	954	775	107	37	35
Other	2 362	1 725	31	5	601	518	73	7	4
Type of problem not reported	176	125	–	–	50	48	–	2	–
Presence of problems not reported	106	77	3	1	26	22	4	–	–
Description of Area Within 300 Feet[1]									
Single-family detached houses	6 576	5 177	421	20	957	892	3	32	30
Only single-family detached	–	–	–	–	–	–	–	–	–
Single-family attached or 1 to 3 story multiunit	13 100	9 693	265	31	3 112	3 026	10	46	30
4 to 6 story multiunit	3 071	2 663	58	10	341	266	13	47	14
7 stories or more multiunit	1 589	1 411	19	5	153	104	7	42	–
Mobile homes	206	140	18	–	48	43	–	5	–
Commercial, institutional, or industrial	5 858	4 718	220	24	896	808	–	54	33
Residential parking lots	4 982	3 506	37	17	1 422	1 368	7	22	25
Body of water	617	420	16	–	181	177	–	4	–
Open space, park, farm, or ranch	3 517	2 363	102	10	1 042	968	7	65	3
4+ lane highway, railroad, or airport	2 232	1 685	52	7	488	432	13	33	10
Other	927	705	56	3	162	152	3	7	–
Not observed or not reported	1 898	1 405	66	1	426	410	–	15	–
Age of Other Residential Buildings Within 300 Feet									
Older	1 197	716	4	–	477	456	3	9	9
About the same	12 724	9 611	409	33	2 671	2 598	–	53	21
Newer	366	307	25	1	33	33	–	1	–
Very mixed	2 651	2 111	84	14	441	353	13	53	22
No other residential buildings	548	380	20	1	148	144	–	4	–
Not reported	1 966	1 468	64	1	433	418	–	15	–
Mobile Homes in Group									
Mobile homes	1 141	200	–	–	941	185	756	–	–
1 to 6	787	123	–	–	664	126	538	–	–
7 to 20	133	20	–	–	114	22	91	–	–
21 or more	220	58	–	–	163	36	126	–	–
Not reported	–	–	–	–	–	–	–	–	–
Other Buildings Vandalized or With Interior Exposed									
None	16 135	12 072	484	44	3 536	3 369	17	115	35
1 building	319	276	12	1	31	24	–	–	7
More than 1 building	529	457	21	3	48	37	–	1	10
No buildings within 300 feet	279	167	12	1	99	96	–	2	–
Not reported	2 190	1 621	78	1	490	475	–	15	–
Bars on Windows of Buildings									
With other buildings within 300 feet	16 984	12 806	516	48	3 614	3 430	17	116	52
No bars on windows	14 100	10 309	438	36	3 316	3 202	10	68	36
1 building with bars	534	418	20	4	91	56	7	29	–
2 or more buildings with bars	2 237	1 998	56	7	176	144	–	16	16
Not reported	113	80	3	–	30	28	–	2	–
Condition of Streets									
No repairs needed	13 088	9 517	389	34	3 147	2 996	13	95	43
Minor repairs needed	3 821	3 200	142	12	467	439	4	20	4
Major repairs needed	360	302	9	1	47	41	–	1	5
No streets within 300 feet	237	142	2	–	93	93	–	–	–
Not reported	1 946	1 432	64	2	449	432	–	17	–
Trash, Litter, or Junk on Streets or any Properties									
None	12 266	8 698	359	34	3 175	3 049	16	83	27
Minor accumulation	4 798	4 087	170	10	532	492	–	29	11
Major accumulation	460	385	14	2	58	39	–	4	14
Not reported	1 928	1 423	64	3	438	421	–	17	–

[1]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 4-9. Household Composition—Renter Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Population in housing units	**76 123**	**59 579**	**1 263**	**309**	**14 971**	**12 135**	**2 049**	**590**	**198**
Total	**31 463**	**24 204**	**607**	**97**	**6 555**	**5 427**	**793**	**234**	**100**
Persons									
1 person	10 700	8 142	270	26	2 261	1 892	231	91	47
2 persons	8 680	6 387	161	15	2 117	1 808	225	56	29
3 persons	5 397	4 227	98	21	1 052	881	142	22	7
4 persons	3 645	2 946	50	13	636	475	109	38	14
5 persons	1 875	1 559	9	8	298	245	40	12	–
6 persons	643	524	9	6	104	80	18	5	2
7 persons or more	523	418	9	9	86	47	28	12	–
Median	**2.1**	**2.1**	**1.7**	**2.9**	**2.0**	**2.0**	**2.2**	**2.0**	**1.6**
Number of Single Children Under 18 Years Old									
None	19 367	14 662	410	49	4 246	3 605	417	134	90
1	5 253	4 040	92	18	1 102	890	169	43	–
2	4 032	3 221	71	9	731	586	112	24	8
3	1 853	1 505	21	13	313	237	46	29	–
4	636	505	3	1	127	81	39	5	2
5	201	163	7	6	25	19	5	–	–
6 or more	122	106	3	1	12	8	4	–	–
Median	**.5-**	**.5-**	**.5-**	**.5-**	**.5-**	**.5-**	**.5-**	**.5-**	**.5-**
Persons 65 Years Old and Over									
None	26 482	20 193	541	76	5 673	4 691	703	205	75
1 person	4 124	3 313	50	17	744	612	77	30	25
2 persons or more	856	698	16	4	138	124	14	–	–
Age of Householder									
Under 25 years	3 656	2 650	92	16	898	756	96	38	7
25 to 29	5 088	3 604	124	10	1 350	1 138	170	35	6
30 to 34	5 130	3 873	119	6	1 133	939	144	39	11
35 to 44	7 058	5 596	108	31	1 323	1 071	156	73	22
45 to 54	3 596	2 838	62	13	683	553	102	14	12
55 to 64	2 308	1 913	41	5	348	283	44	4	17
65 to 74	2 214	1 776	24	5	408	332	50	22	4
75 years and over	2 413	1 953	37	11	412	354	31	8	20
Median	**38**	**39**	**34**	**40**	**35**	**34**	**35**	**36**	**48**
Household Composition by Age of Householder									
2-or-more person households	20 763	16 062	337	71	4 294	3 535	562	144	53
Married-couple families, no nonrelatives	10 206	7 927	126	36	2 117	1 738	284	74	20
Under 25 years	955	682	18	4	251	203	31	17	–
25 to 29 years	1 840	1 283	22	5	530	437	86	7	–
30 to 34 years	1 993	1 569	28	2	394	326	50	12	6
35 to 44 years	2 513	2 048	26	14	425	344	53	26	2
45 to 64 years	2 008	1 626	21	7	354	288	44	9	12
65 years and over	897	719	12	4	163	139	19	4	–
Other male householder	3 405	2 563	77	11	755	620	98	21	16
Under 45 years	2 789	2 058	68	11	651	534	87	19	10
45 to 64 years	471	378	4	–	88	69	11	1	6
65 years and over	146	126	4	–	16	16	–	–	–
Other female householder	7 152	5 572	134	24	1 422	1 177	180	49	16
Under 45 years	5 500	4 193	113	16	1 178	980	141	46	11
45 to 64 years	1 213	996	14	6	197	155	37	–	5
65 years and over	438	383	6	2	47	42	2	2	–
1-person households	10 700	8 142	270	26	2 261	1 892	231	91	47
Male householder	4 827	3 645	155	6	1 021	832	122	51	16
Under 45 years	3 082	2 245	107	4	725	597	88	37	4
45 to 64 years	1 046	796	37	1	212	168	31	8	6
65 years and over	700	605	10	1	83	67	4	6	6
Female householder	5 872	4 496	115	20	1 241	1 060	109	40	31
Under 45 years	2 260	1 645	61	7	548	483	29	22	13
45 to 64 years	1 166	955	26	4	181	156	24	1	–
65 years and over	2 446	1 897	28	9	512	421	56	17	18
Adults and Single Children Under 18 Years Old									
Total households with children	12 096	9 542	197	49	2 309	1 822	376	100	11
Married couples	6 073	4 816	89	23	1 145	905	184	46	11
One child under 6 only	1 446	1 107	33	5	301	252	42	7	–
One under 6, one or more 6 to 17	1 169	926	14	3	225	154	46	21	4
Two or more under 6 only	738	582	13	2	141	118	23	–	–
Two or more under 6, one or more 6 to 17	441	343	5	3	90	78	10	2	–
One or more 6 to 17 only	2 279	1 858	24	9	388	303	63	16	6
Other households with two or more adults	2 290	1 861	27	17	385	302	54	29	–
One child under 6 only	532	426	6	2	98	84	11	3	–
One under 6, one or more 6 to 17	330	273	7	3	47	34	12	–	–
Two or more under 6 only	203	153	8	–	42	34	–	9	–
Two or more under 6, one or more 6 to 17	177	147	1	2	26	22	4	–	–
One or more 6 to 17 only	1 049	861	4	10	173	128	27	18	–
Households with one adult or none	3 732	2 865	81	8	778	615	138	26	–
One child under 6 only	601	447	19	1	135	101	30	4	–
One under 6, one or more 6 to 17	638	507	18	2	111	91	19	1	–
Two or more under 6 only	343	259	6	–	78	53	20	6	–
Two or more under 6, one or more 6 to 17	223	189	5	1	28	16	11	–	–
One or more 6 to 17 only	1 928	1 465	32	4	427	354	57	16	–
Total households with no children	19 367	14 662	410	49	4 246	3 605	417	134	90
Married couples	4 269	3 213	37	13	1 006	865	103	29	10
Other households with two or more adults	4 405	3 312	103	9	981	851	83	15	32
Households with one adult	10 692	8 137	270	26	2 259	1 889	231	91	47

SECTION A. **1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS**

Table 4-9. **Household Composition—Renter Occupied Units**—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Own Never Married Children Under 18 Years Old									
No own children under 18 years	20 386	15 488	416	54	4 427	3 747	444	146	90
With own children under 18 years	11 077	8 716	190	43	2 127	1 679	349	88	11
Under 6 years only	3 496	2 675	85	10	726	584	123	19	–
1	2 308	1 757	59	7	485	394	79	12	–
2	961	753	21	1	186	153	30	2	–
3 or more	228	165	6	2	55	37	13	6	–
6 to 17 years only	5 047	4 019	67	20	941	735	154	46	6
1	2 536	1 955	40	9	532	428	78	26	–
2	1 700	1 386	24	6	283	215	46	17	6
3 or more	811	678	3	5	125	92	31	3	–
Both age groups	2 533	2 022	38	13	460	360	73	23	4
2	1 091	854	21	3	213	180	27	4	2
3 or more	1 442	1 168	17	10	247	180	46	19	2
Persons Other Than Spouse or Children[1]									
With other relatives	5 096	4 195	63	28	809	660	92	44	12
Single adult offspring 18 to 29	2 430	2 004	27	12	387	308	44	27	7
Single adult offspring 30 years of age or over	543	464	5	2	72	65	4	3	–
Households with three generations	708	601	5	5	96	79	17	–	–
Households with 1 subfamily	717	600	7	3	107	77	23	7	–
Subfamily hd	508	411	6	1	89	60	23	7	–
30 to 64	196	176	1	2	18	18	–	–	–
65 and over	13	13	–	–	–	–	–	–	–
Households with 2 or more subfamilies	36	30	1	–	5	5	–	–	–
Households with other types of relatives	2 271	1 879	30	16	347	304	30	8	5
With non-relatives	3 920	2 882	93	9	936	786	104	18	27
Co-owners or co-renters	2 326	1 702	52	7	565	494	26	18	27
Lodgers	492	374	11	–	107	96	11	–	–
Unrelated children, under 18 years old	445	342	4	2	98	67	28	3	–
Other non-relatives	1 125	831	28	2	264	199	65	1	–
One or more secondary families	367	294	–	2	72	46	23	3	–
2-person households, none related to each other	2 190	1 547	64	1	578	500	45	11	21
3-8 person households, none related to each other	472	363	11	4	94	82	3	3	6
Years of School Completed by Householder									
No school years completed	178	150	2	1	25	20	–	–	5
Elementary:									
less than 8 years	1 886	1 581	31	9	265	156	86	12	11
8 years	1 202	998	14	6	184	121	52	8	2
High School:									
1 to 3 years	4 192	3 388	84	13	707	451	181	45	30
4 years	11 160	8 573	278	33	2 276	1 815	331	107	23
College:									
1 to 3 years	6 464	4 865	113	17	1 468	1 311	116	24	17
4 years or more	6 381	4 650	85	17	1 628	1 552	26	38	12
Median	**12.7**	**12.7**	**12.6**	**12.6**	**12.9**	**13.4**	**12.2**	**12.5**	**12.1**
Year Householder Moved Into Unit									
1990 to 1994	15 525	11 153	261	29	4 082	3 518	418	117	28
1985 to 1989	9 846	7 639	146	26	2 036	1 661	269	68	38
1980 to 1984	2 680	2 301	34	6	338	245	61	22	10
1975 to 1979	1 329	1 266	15	3	44	–	18	27	–
1970 to 1974	803	752	13	3	35	–	16	1	19
1960 to 1969	682	644	18	11	9	–	4	–	5
1950 to 1959	341	259	66	10	6	–	6	–	–
1940 to 1949	188	127	52	7	1	–	1	–	–
1939 or earlier	68	63	1	1	2	2	–	–	–
Median	**1986**	**1986**	**1981**	**1977**	**1987**	**1987**	**1986**	**1986**	**1985**
Household Moves and Formation in Last Year									
Total with a move in last year	12 524	8 929	257	36	3 302	2 833	337	97	35
Household all moved here from one unit	9 186	6 390	200	26	2 570	2 201	271	79	19
Householder of previous unit did not move here	2 231	1 603	73	5	550	464	59	19	8
Householder of previous unit moved here	6 633	4 578	122	20	1 913	1 641	200	60	11
Householder of previous unit not reported	322	210	4	1	108	96	12	–	–
Household moved here from two or more units	1 773	1 244	38	5	485	426	30	18	11
No previous householder moved here	495	357	13	1	124	105	8	5	6
1 previous householder moved here	361	226	12	1	122	104	6	7	5
2 or more previous householders moved here	753	543	14	2	195	172	16	6	–
Previous householder(s) not reported	164	118	–	1	45	45	–	–	–
Some already here, rest moved in	1 546	1 275	19	5	247	206	36	–	5
No previous householder moved here	657	531	6	1	120	91	24	–	5
1 or more previous householders moved here	668	565	12	2	90	77	12	–	–
Previous householder(s) not reported	221	180	2	2	38	38	–	–	–
Number of previous units not reported	19	19	–	–	–	–	–	–	–

[1]Figures may not add to total because more than one category may apply.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 4-10. Income Characteristics—Renter Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**31 463**	**24 204**	**607**	**97**	**6 555**	**5 427**	**793**	**234**	**100**
Household Income									
Less than $5,000	3 029	2 398	61	10	559	373	133	42	11
$5,000 to $9,999	4 931	3 928	101	21	880	660	153	37	31
$10,000 to $14,999	3 789	2 966	109	12	703	509	155	22	17
$15,000 to $19,999	3 483	2 707	72	12	692	541	116	29	6
$20,000 to $24,999	3 277	2 584	61	11	621	516	87	16	2
$25,000 to $29,999	3 260	2 442	64	11	742	607	69	45	20
$30,000 to $34,999	2 322	1 784	23	7	508	465	32	11	–
$35,000 to $39,999	1 559	1 175	20	5	360	341	16	1	1
$40,000 to $49,999	2 454	1 801	43	2	608	567	18	17	5
$50,000 to $59,999	1 378	1 027	20	–	332	323	4	3	2
$60,000 to $79,999	1 153	815	16	2	319	304	4	6	5
$80,000 to $99,999	410	266	11	1	132	125	3	4	–
$100,000 to $119,999	154	112	–	1	41	38	–	3	–
$120,000 or more	264	196	7	2	58	56	2	–	–
Median	**20 763**	**20 197**	**17 262**	**17 460**	**23 569**	**25 945**	**13 582**	**17 869**	**12 503**
As percent of poverty level:									
Less than 50 percent	2 793	2 249	52	17	475	335	103	37	1
50 to 99	4 448	3 520	88	15	824	539	217	41	27
100 to 149	4 399	3 472	121	11	795	587	140	39	29
150 to 199	3 675	2 945	67	17	645	528	91	21	5
200 percent or more	16 148	12 017	279	36	3 816	3 438	244	96	38
Income of Families and Primary Individuals									
Less than $5,000	3 436	2 694	67	10	664	444	161	44	16
$5,000 to $9,999	5 256	4 171	117	25	944	690	165	42	47
$10,000 to $14,999	4 048	3 180	109	12	746	578	132	20	17
$15,000 to $19,999	3 636	2 814	71	12	739	598	117	25	–
$20,000 to $24,999	3 363	2 630	63	10	661	557	82	20	2
$25,000 to $29,999	3 268	2 450	63	10	745	620	65	44	17
$30,000 to $34,999	2 187	1 666	30	7	483	440	32	11	–
$35,000 to $39,999	1 370	1 031	16	4	318	305	12	1	–
$40,000 to $49,999	2 129	1 593	26	–	509	480	16	13	–
$50,000 to $59,999	1 136	838	16	–	282	275	2	3	2
$60,000 to $79,999	925	650	15	2	258	242	8	8	–
$80,000 to $99,999	343	224	7	1	112	107	–	4	–
$100,000 to $119,999	130	89	–	1	40	40	–	–	–
$120,000 or more	236	173	7	2	54	52	2	–	–
Median	**19 113**	**18 654**	**15 764**	**15 387**	**21 388**	**23 630**	**12 682**	**17 248**	**8 643**
Income Sources of Families and Primary Individuals									
Wages and salaries	23 596	17 911	458	66	5 161	4 354	580	184	43
Wages and salaries were majority of income	21 867	16 543	416	64	4 844	4 103	530	169	42
2 or more people each earned over 20% of wages and salaries	5 865	4 562	60	20	1 224	1 070	114	32	8
Business, farm, or ranch	1 668	1 269	41	9	349	308	34	3	4
Social security or pensions	6 441	5 171	98	19	1 154	962	108	31	52
Interest or dividend(s)	2 936	2 187	26	7	716	675	17	9	15
Rental income	1 134	886	21	1	226	209	14	–	2
With lodger(s)	492	374	11	–	107	96	11	–	–
Welfare or SSI	4 371	3 520	106	26	719	464	195	28	32
Alimony or child support	1 690	1 284	23	3	379	301	70	8	1
Other	3 368	2 654	70	5	638	518	104	13	4
Amount of Savings and Investments									
Income of $25,000 or less	20 517	16 061	444	73	3 938	3 004	675	165	94
No savings or investments	12 791	10 115	284	44	2 348	1 682	514	103	49
$25,000 or less	5 359	4 146	118	23	1 073	876	115	56	26
More than $25,000	679	523	9	3	144	129	4	1	10
Not reported	1 688	1 277	33	4	373	317	42	5	9
Food Stamps									
Income of $25,000 or less	20 517	16 061	444	73	3 938	3 004	675	165	94
Family members received food stamps	4 826	3 913	112	23	778	505	233	41	–
Did not receive food stamps	14 517	11 291	313	47	2 866	2 250	415	115	85
Not reported	1 174	858	20	2	294	250	27	8	9
Rent Reductions									
No subsidy or income reporting	26 608	20 423	539	81	5 567	4 597	730	173	66
Rent control	1 059	997	7	2	53	42	4	7	–
No rent control	25 518	19 399	532	78	5 509	4 551	727	166	66
Reduced by owner	1 703	1 385	59	9	250	133	65	38	13
Not reduced by owner	23 619	17 857	462	70	5 231	4 394	657	127	52
Owner reduction not reported	196	157	11	–	29	23	5	–	1
Rent control not reported	31	26	–	–	4	4	–	–	–
Owned by public housing authority	1 993	1 592	22	8	371	340	9	12	9
Other, Federal subsidy	1 512	1 100	15	5	392	338	24	29	1
Other, State or local subsidy	550	432	18	3	97	48	10	16	24
Other, income verification	432	358	7	–	68	68	–	–	–
Subsidy or income verification not reported	367	300	7	–	60	36	20	4	–

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 4-11. Selected Housing Costs—Renter Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**31 463**	**24 204**	**607**	**97**	**6 555**	**5 427**	**793**	**234**	**100**
Monthly Housing Costs									
Less than $100	523	413	6	1	104	94	5	6	–
$100 to $199	2 052	1 664	28	4	355	257	62	21	15
$200 to $249	1 320	1 090	46	2	181	86	73	12	10
$250 to $299	1 825	1 509	39	6	270	139	101	30	–
$300 to $349	2 412	1 968	45	12	387	206	151	27	2
$350 to $399	2 636	2 109	47	12	468	333	120	8	7
$400 to $449	2 844	2 271	52	12	509	424	59	26	–
$450 to $499	2 662	2 067	42	6	547	487	38	19	2
$500 to $599	4 412	3 347	94	8	964	912	33	15	3
$600 to $699	3 152	2 236	42	10	863	804	17	10	32
$700 to $799	2 033	1 461	42	8	522	511	1	8	2
$800 to $999	1 938	1 365	48	2	523	519	1	2	–
$1,000 to $1,249	790	534	4	6	245	227	9	6	4
$1,250 to $1,499	310	213	9	1	86	86	–	–	–
$1,500 or more	241	162	2	1	76	76	–	–	–
No cash rent	2 314	1 794	60	7	454	264	123	45	22
Mortgage payment not reported	...	...	...	...	...	...	...	...	...
Median (excludes no cash rent)	**468**	**454**	**461**	**436**	**524**	**561**	**331**	**348**	**574**
Monthly Housing Costs as Percent of Current Income									
Less than 5 percent	198	150	4	3	41	34	4	3	–
5 to 9 percent	943	732	18	1	191	142	28	21	–
10 to 14 percent	2 631	2 007	42	7	575	478	71	24	2
15 to 19 percent	4 083	3 075	53	12	943	819	97	20	7
20 to 24 percent	3 988	3 005	77	7	900	775	81	36	6
25 to 29 percent	3 740	2 859	68	7	806	739	45	17	5
30 to 34 percent	2 710	2 066	59	11	574	503	43	15	13
35 to 39 percent	1 897	1 459	44	4	391	332	45	10	4
40 to 49 percent	2 513	1 949	48	12	504	421	77	1	4
50 to 59 percent	1 596	1 294	40	3	258	226	27	1	5
60 to 69 percent	1 004	798	19	3	183	148	21	10	5
70 to 99 percent	1 519	1 199	27	6	286	196	62	11	17
100 percent or more[1]	1 830	1 423	33	13	361	281	56	16	9
Zero or negative income	497	394	16	–	87	70	12	6	–
No cash rent	2 314	1 794	60	7	454	264	123	45	22
Mortgage payment not reported	...	...	...	...	...	...	...	...	...
Median (excludes 3 previous lines)	**28**	**29**	**30**	**33**	**27**	**27**	**30**	**23**	**43**
Median (excludes 4 lines before medians)	**27**	**27**	**29**	**30**	**26**	**26**	**27**	**22**	**36**
Rent Paid by Lodgers									
Lodgers in housing units	492	374	11	–	107	96	11	–	–
Less than $100 per month	26	20	–	–	6	5	1	–	–
$100 to $199	130	108	4	–	17	15	2	–	–
$200 to $299	131	106	4	–	21	21	–	–	–
$300 to $399	76	43	–	–	32	28	4	–	–
$400 or more per month	70	53	2	–	14	11	3	–	–
Not reported	60	44	–	–	16	16	–	–	–
Median	**246**	**235**	**...**	**...**	**304**	**296**	**...**	**...**	**...**
Monthly Cost Paid for Electricity									
Electricity used	31 446	24 191	607	97	6 551	5 427	793	234	96
Less than $25	5 508	4 545	74	8	881	755	71	49	6
$25 to $49	9 931	7 690	139	27	2 075	1 735	243	83	14
$50 to $74	5 383	3 749	76	15	1 542	1 337	180	22	2
$75 to $99	2 324	1 583	35	11	695	602	76	17	–
$100 to $149	1 590	1 130	9	8	444	403	41	–	–
$150 to $199	331	254	4	–	73	54	14	5	–
$200 or more	166	121	4	3	38	28	10	1	–
Median	**43**	**41**	**42**	**52**	**49**	**50**	**50**	**37**	**34**
Included in rent, other fee, or obtained free	6 214	5 119	266	26	803	513	159	57	75
Monthly Cost Paid for Piped Gas									
Piped gas used	20 247	17 036	436	74	2 702	2 140	331	153	78
Less than $25	6 337	5 162	79	11	1 086	923	107	42	13
$25 to $49	4 771	4 026	77	10	658	557	92	9	–
$50 to $74	1 814	1 580	30	11	193	143	31	19	–
$75 to $99	576	515	2	3	56	39	11	2	4
$100 to $149	273	236	2	5	29	22	6	–	–
$150 to $199	70	61	5	3	2	2	–	–	–
$200 or more	63	55	5	1	2	2	–	–	–
Median	**28**	**29**	**32**	**53**	**25-**	**25-**	**29**	**25-**	**25-**
Included in rent, other fee, or obtained free	6 344	5 402	236	30	676	450	84	80	61
Average Monthly Cost Paid for Fuel Oil									
Fuel oil used	4 743	4 255	139	15	335	185	94	39	17
Less than $25	408	343	10	–	54	28	25	1	–
$25 to $49	653	546	21	–	86	39	42	4	–
$50 to $74	469	414	5	–	51	30	11	10	–
$75 to $99	208	183	11	1	13	6	5	–	2
$100 to $149	160	146	5	1	8	8	–	–	–
$150 to $199	21	19	–	1	–	–	–	–	–
$200 or more	29	23	2	2	3	3	–	–	–
Median	**47**	**48**	**45**	**...**	**40**	**44**	**35**	**...**	**...**
Included in rent, other fee, or obtained free	2 796	2 581	85	10	120	71	11	23	14
Property Insurance									
Property insurance paid	8 668	6 478	97	24	2 069	1 845	149	48	28
Median per month	**15**	**15**	**14**	**...**	**17**	**17**	**17**	**...**	**...**

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 4-11. Selected Housing Costs—Renter Occupied Units—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Monthly Costs Paid for Selected Utilities and Fuels									
Water paid separately	6 593	5 211	114	32	1 237	993	196	36	12
Median	**20**	**20**	**20**	**...**	**20**	**20**	**20**	**...**	**...**
Trash paid separately	4 859	3 878	72	21	888	697	160	22	9
Median	**11**	**10**	**10**	**...**	**12**	**12**	**12**	**...**	**...**
Bottled gas paid separately	1 285	832	20	5	429	122	283	20	4
Median	**39**	**40**	**...**	**...**	**38**	**44**	**32**	**...**	**...**
Other fuel paid separately	2 521	1 800	41	15	666	485	162	12	7
Median	**10-**	**10-**	**...**	**...**	**10-**	**10-**	**16**	**...**	**...**

[1]May reflect a temporary situation, living off savings, or response error.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 5-1. Introductory Characteristics—In Central Cities—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**28 768**	**24 274**	**321**	**146**	**4 027**	**3 746**	**159**	**97**	**25**
Tenure									
Owner occupied	14 665	12 708	69	93	1 795	1 685	103	6	1
Percent of all occupied	51.0	52.4	21.5	63.7	44.6	45.0	64.7	6.3	2.8
Renter occupied	14 103	11 566	252	53	2 232	2 060	56	91	24
Race and Origin									
White	21 572	17 940	197	97	3 339	3 114	140	72	13
Non-Hispanic	18 915	15 676	165	89	2 984	2 815	123	42	3
Hispanic	2 658	2 263	31	8	355	299	17	29	10
Black	5 675	5 068	97	44	467	423	11	21	12
Other	1 521	1 267	27	5	222	208	9	5	–
Total Hispanic	3 125	2 675	45	10	395	325	24	36	10
Units in Structure									
1, detached	14 053	12 573	–	81	1 399	1 376	8	13	3
1, attached	2 329	1 896	–	12	421	412	–	2	6
2 to 4	4 520	3 858	244	33	385	358	10	18	–
5 to 9	2 057	1 523	70	6	458	447	–	10	–
10 to 19	1 668	1 154	2	2	509	503	–	6	–
20 to 49	1 664	1 299	5	4	356	307	7	33	10
50 or more	2 140	1 847	–	7	287	266	–	15	6
Mobile home or trailer	338	125	–	–	212	77	135	–	–
Cooperatives and Condominiums									
Cooperatives	405	390	–	4	11	11	–	–	–
Condominiums	1 143	745	2	3	392	388	–	4	–
Year Structure Built[1]									
1990 to 1994	356	–	–	–	356	356	–	–	–
1985 to 1989	1 679	–	–	–	1 679	1 679	–	–	–
1980 to 1984	1 809	98	–	–	1 711	1 711	–	–	–
1975 to 1979	2 253	2 167	7	4	75	–	53	16	6
1970 to 1974	2 527	2 459	14	1	53	–	51	1	1
1960 to 1969	4 252	4 174	19	16	43	–	30	7	6
1950 to 1959	4 263	4 186	32	25	21	–	15	6	–
1940 to 1949	3 141	3 035	49	15	42	–	4	27	10
1930 to 1939	2 908	2 635	187	80	6	–	–	4	2
1920 to 1929	2 427	2 410	1	1	15	–	–	15	–
1919 or earlier	3 154	3 110	11	6	27	–	7	20	–
Median	**1956**	**1952**	**1938**	**1938**	**1985**	**1985**	**1972**	**1943**	**...**
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	28 768	24 274	321	146	4 027	3 746	159	97	25
In central cities	28 768	24 274	321	146	4 027	3 746	159	97	25
Suburbs	...	...	...	...	...	...	...	...	...
Outside metropolitan statistical areas	...	...	...	...	...	...	...	...	...
Regions									
Northeast	6 031	5 525	146	50	310	243	17	50	–
Midwest	6 471	5 816	48	41	565	537	21	5	2
South	9 289	7 400	66	33	1 789	1 694	59	24	13
West	6 977	5 533	60	22	1 362	1 272	62	18	10
Urbanized Areas									
Inside urbanized areas	28 257	23 939	314	146	3 857	3 578	157	97	25
In central cities of (P)MSA's	28 257	23 939	314	146	3 857	3 578	157	97	25
Urban fringe	...	...	...	...	...	...	...	...	...
Outside urbanized areas	511	335	7	–	170	168	2	–	–
Other urban	417	315	7	–	95	95	–	–	–
Rural	95	20	–	–	75	73	2	–	–
Place Size[2]									
Less than 2,500 persons	–	–	–	–	–	–	–	–	–
2,500 to 9,999 persons	–	–	–	–	–	–	–	–	–
10,000 to 19,999 persons	136	90	5	–	40	40	–	–	–
20,000 to 49,999 persons	2 818	2 262	49	7	499	474	15	9	1
50,000 to 99,999 persons	4 086	3 437	26	14	609	562	36	10	–
100,000 to 249,999 persons	6 173	4 985	64	19	1 105	1 057	44	2	2
250,000 to 499,999 persons	4 937	4 172	50	26	688	633	28	15	12
500,000 to 999,999 persons	4 325	3 602	51	28	643	627	13	4	–
1,000,000 persons or more	6 294	5 725	74	52	443	353	23	57	10

[1]For mobile home, oldest category is 1939 or earlier.
[2]Figures will not add to total, because all units are not in Places.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 5-2. Height and Condition of Building—In Central Cities—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**28 768**	**24 274**	**321**	**146**	**4 027**	**3 746**	**159**	**97**	**25**
Stories in Structure									
1	922	710	42	4	166	166	–	–	–
2	3 939	2 837	91	8	1 004	974	10	10	10
3	3 041	2 444	104	18	475	450	–	19	6
4 to 6	2 421	2 155	82	13	171	166	–	5	–
7 or more	1 724	1 535	–	11	179	124	7	49	–
Not reported	2	–	2	–	–	–	–	–	–
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	11 125	8 970	277	49	1 829	1 714	16	82	16
None (on same floor)	3 515	2 778	132	19	585	567	3	15	–
1 (up or down)	2 925	2 291	86	12	535	487	7	26	16
2 or more (up or down)	3 704	3 107	51	16	530	492	7	31	–
Not reported	982	793	8	2	179	168	–	11	–
Common Stairways									
Multiunits, 2 or more floors	11 125	8 970	277	49	1 829	1 714	16	82	16
No common stairways	1 903	1 449	124	10	320	306	–	14	–
With common stairways	8 301	6 776	143	37	1 345	1 255	16	58	16
No loose steps	7 736	6 293	138	34	1 271	1 185	16	58	11
Railings not loose	7 054	5 719	128	32	1 175	1 093	16	55	11
Railings loose	230	186	5	1	37	37	–	1	–
No railings	341	299	3	1	38	35	–	2	–
Status of railings not reported	110	89	1	–	21	21	–	–	–
Loose steps	527	451	6	2	69	64	–	–	5
Railings not loose	373	309	2	1	61	56	–	–	5
Railings loose	124	115	3	1	5	5	–	–	–
No railings	31	28	–	–	3	3	–	–	–
Status of railings not reported	–	–	–	–	–	–	–	–	–
Status of steps not reported	38	32	–	–	6	6	–	–	–
Status of stairways not reported	921	745	10	2	164	153	–	11	–
Light Fixtures in Public Halls									
2 or more units in structure	12 047	9 681	319	53	1 995	1 880	16	82	16
No public halls	3 662	2 761	169	16	716	702	–	14	–
No light fixtures in public halls	26	19	2	–	5	5	–	–	–
All in working order	5 048	4 244	83	27	695	634	7	44	10
Some in working order	463	389	31	2	41	25	10	–	6
None in working order	24	23	–	1	–	–	–	–	–
Unable to determine if working	1 675	1 336	8	6	325	311	–	14	–
Not reported	1 148	908	25	2	213	202	–	11	–
Elevator on Floor									
Multiunits, 2 or more floors	11 125	8 970	277	49	1 829	1 714	16	82	16
With 1 or more elevators working	2 215	1 874	1	10	330	281	7	42	–
With elevator, none in working condition	91	83	1	–	7	7	–	–	–
No elevator	7 883	6 258	265	37	1 322	1 266	10	30	16
Units 3 or more floors from main entrance	593	516	18	2	57	54	–	4	–
Not reported	937	755	10	2	170	159	–	11	–
Foundation									
1 unit bldg. excl. mobile homes	16 382	14 469	–	93	1 820	1 788	8	15	9
With basement under all of building	5 754	5 395	–	57	303	297	4	–	2
With basement under part of building	1 371	1 250	–	11	110	110	–	–	–
With crawl space	3 906	3 595	–	12	298	292	–	–	6
On concrete slab	5 057	3 967	–	10	1 079	1 066	–	14	–
Other	292	260	–	2	30	23	4	1	1
Not reported	2	2	–	–	–	–	–	–	–
External Building Conditions[1]									
Sagging roof	49	49	–	–	–	–	–	–	–
Missing roofing material	53	50	1	–	2	2	–	–	–
Hole in roof	18	18	–	–	–	–	–	–	–
Could not see roof	1 477	1 292	47	11	127	119	–	8	–
Missing bricks, siding, other outside wall material	214	189	9	2	14	14	–	–	–
Sloping outside walls	26	25	–	1	–	–	–	–	–
Boarded up windows	166	155	5	1	5	5	–	–	–
Broken windows	189	180	6	1	2	2	–	–	–
Bars on windows	404	386	10	1	6	3	–	3	–
Foundation crumbling or has open crack or hole	178	164	5	2	8	8	–	–	–
Could not see foundation	548	501	21	2	24	24	–	1	–
None of the above	8 660	6 849	222	39	1 549	1 463	16	63	6
Could not observe or not reported	1 382	1 054	37	2	291	270	–	11	10
Site Placement									
Mobile homes	338	125	–	–	212	77	135	–	–
First site	188	78	–	–	110	56	54	–	–
Moved from another site	65	22	–	–	43	15	28	–	–
Don't know	67	21	–	–	46	6	40	–	–
Not reported	17	4	–	–	13	–	13	–	–
Previous Occupancy									
Unit built 1980 or later	3 844	98	–	–	3 746	3 746	–	–	–
Not previously occupied	1 337	5	–	–	1 333	1 333	–	–	–
Not reported	632	65	2	–	565	558	–	7	–

[1]Figures may not add to total because more than one category may apply.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 5-3. Size of Unit and Lot—In Central Cities—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**28 768**	**24 274**	**321**	**146**	**4 027**	**3 746**	**159**	**97**	**25**
Rooms									
1 room	347	257	41	–	49	30	–	7	11
2 rooms	543	471	32	–	40	39	–	1	–
3 rooms	3 752	3 096	70	10	576	514	21	35	6
4 rooms	5 887	4 666	77	18	1 126	1 021	61	38	6
5 rooms	6 440	5 503	49	20	867	788	63	16	–
6 rooms	5 667	5 054	22	27	563	556	7	–	–
7 rooms	3 178	2 781	11	22	365	358	7	–	–
8 rooms	1 682	1 436	14	20	213	213	–	–	–
9 rooms	783	600	5	14	164	162	–	–	2
10 rooms or more	490	410	–	15	65	65	–	–	–
Median	**5.1**	**5.2**	**3.7**	**6.4**	**4.8**	**4.8**	**4.5**	**3.6**	**...**
Bedrooms									
None	694	570	47	1	76	56	–	9	11
1	5 311	4 349	121	17	824	758	25	35	6
2	9 506	7 943	85	30	1 448	1 316	86	41	6
3	9 933	8 624	55	55	1 198	1 140	44	13	–
4 or more	3 325	2 788	11	44	481	476	4	–	2
Median	**2.4**	**2.4**	**1.4**	**3.0**	**2.3**	**2.3**	**2.1**	**1.6**	**...**
Complete Bathrooms									
None	189	134	38	–	18	4	–	3	10
1	16 306	14 541	238	50	1 477	1 293	90	81	13
1 and one-half	4 237	3 787	24	11	414	374	32	7	2
2 or more	8 036	5 812	21	85	2 118	2 074	37	7	–
Square Footage of Unit									
Single detached and mobile homes	14 391	12 698	–	82	1 611	1 453	143	13	3
Less than 500	166	133	–	2	30	1	25	4	1
500 to 749	459	427	–	5	27	12	15	–	–
750 to 999	1 227	1 096	–	2	129	76	53	–	–
1,000 to 1,499	3 545	3 227	–	8	310	287	24	–	–
1,500 to 1,999	3 250	2 851	–	9	391	388	3	–	–
2,000 to 2,499	2 156	1 889	–	9	257	253	4	–	–
2,500 to 2,999	1 021	896	–	3	123	123	–	–	–
3,000 to 3,999	891	760	–	4	126	126	–	–	–
4,000 or more	554	474	–	7	73	73	–	–	–
Not reported	1 122	945	–	32	145	115	19	9	2
Median	**1 690**	**1 674**	**...**	**1 923**	**1 802**	**1 879**	**850**	**...**	**...**
Lot Size									
Less than one-eighth acre	2 555	2 281	–	27	247	198	49	–	1
One-eighth up to one-quarter acre	4 026	3 583	–	16	427	412	11	4	–
One-quarter up to one-half acre	1 999	1 701	–	4	295	285	10	–	–
One-half up to one acre	921	756	–	5	160	156	4	–	–
1 to 4 acres	536	474	–	1	61	53	8	–	–
5 to 9 acres	20	12	–	–	8	8	–	–	–
10 acres or more	51	41	–	–	10	7	3	–	–
Don't know	6 231	5 484	–	40	708	630	59	11	8
Not reported	380	262	–	–	118	118	–	–	–
Median	**.20**	**.20**	**...**	**.13-**	**.23**	**.24**	**.13-**	**...**	**...**
Persons Per Room									
0.50 or less	18 915	15 956	187	92	2 680	2 532	96	44	8
0.51 to 1.00	8 713	7 324	126	47	1 216	1 107	51	47	12
1.01 to 1.50	875	762	6	7	101	86	8	7	–
1.51 or more	265	232	2	1	30	22	4	–	5
Square Feet Per Person									
Single detached and mobile homes	14 391	12 698	–	82	1 611	1 453	143	13	3
Less than 200	448	403	–	4	41	23	17	–	1
200 to 299	1 019	913	–	1	106	82	24	–	–
300 to 399	1 420	1 243	–	4	173	163	10	–	–
400 to 499	1 483	1 264	–	12	206	187	16	4	–
500 to 599	1 258	1 094	–	6	158	145	13	–	–
600 to 699	1 177	1 044	–	5	128	122	6	–	–
700 to 799	973	843	–	4	126	115	11	–	–
800 to 899	770	671	–	–	99	92	7	–	–
900 to 999	780	686	–	1	94	83	11	–	–
1,000 to 1,499	2 086	1 872	–	9	205	197	9	–	–
1,500 or more	1 854	1 721	–	3	130	130	–	–	–
Not reported	1 122	945	–	32	145	115	19	9	2
Median	**685**	**692**	**...**	**559**	**638**	**657**	**464**	**...**	**...**

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 5-4. Selected Equipment and Plumbing—In Central Cities—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**28 768**	**24 274**	**321**	**146**	**4 027**	**3 746**	**159**	**97**	**25**
Equipment[1]									
Lacking complete kitchen facilities	354	284	33	1	36	17	3	6	10
With complete kitchen (sink, refrigerator and burners)	28 414	23 990	287	145	3 991	3 729	156	92	15
Kitchen sink	28 583	24 141	294	146	4 002	3 736	156	95	15
Refrigerator	28 660	24 198	298	146	4 018	3 739	159	95	25
Less than 5 years old	10 000	7 859	111	55	1 975	1 894	42	33	7
Age not reported	800	590	27	1	182	170	4	9	–
Burners and oven	28 538	24 093	288	145	4 011	3 746	159	92	15
Less than 5 years old	7 353	5 407	97	43	1 806	1 742	40	24	–
Age not reported	856	638	20	–	199	188	7	5	–
Burners only	27	21	2	–	4	–	–	4	–
Less than 5 years old	6	2	–	–	4	–	–	4	–
Age not reported	2	2	–	–	–	–	–	–	–
Oven only	34	34	–	–	–	–	–	–	–
Less than 5 years old	18	18	–	–	–	–	–	–	–
Age not reported	5	5	–	–	–	–	–	–	–
Neither burners nor oven	170	126	30	1	12	–	–	2	10
Dishwasher	12 693	9 301	67	55	3 271	3 216	48	5	2
Less than 5 years old	4 449	2 832	28	29	1 560	1 547	13	1	–
Age not reported	478	286	6	3	183	177	7	–	–
Washing machine	18 616	15 652	98	112	2 754	2 648	90	14	2
Less than 5 years old	6 755	5 416	34	41	1 264	1 240	18	6	–
Age not reported	261	186	–	1	74	67	4	4	–
Clothes dryer	16 140	13 268	82	91	2 699	2 594	91	13	2
Less than 5 years old	5 393	4 100	20	37	1 236	1 203	24	6	2
Age not reported	221	152	4	–	65	60	4	–	–
Disposal in kitchen sink	12 352	9 096	37	34	3 185	3 129	42	12	2
Less than 5 years old	4 674	2 968	20	20	1 666	1 641	17	8	–
Age not reported	743	536	5	2	200	197	–	4	–
Air conditioning:									
Central	11 272	8 224	34	28	2 985	2 923	50	4	8
1 room unit	5 520	5 111	60	23	326	244	34	48	1
2 room units	2 319	2 184	23	21	91	63	13	14	–
3 room units or more	913	872	5	16	20	12	8	–	–
Main Heating Equipment									
Warm-air furnace	14 730	12 230	140	49	2 312	2 190	99	15	9
Steam or hot water system	5 977	5 580	109	61	226	160	16	50	–
Electric heat pump	1 863	1 092	4	4	762	749	7	–	6
Built-in electric units	1 850	1 368	10	1	472	455	7	10	–
Floor, wall, or other built-in hot air units without ducts	1 751	1 615	14	10	112	87	11	14	–
Room heaters with flue	690	661	6	5	18	7	6	4	–
Room heaters without flue	627	610	5	3	9	6	3	–	–
Portable electric heaters	232	204	11	6	11	8	3	–	–
Stoves	201	195	5	2	–	–	–	–	–
Fireplaces with inserts	74	53	2	–	19	19	–	–	–
Fireplaces without inserts	118	93	–	–	25	25	–	–	–
Other	245	215	7	4	18	18	–	–	–
None	410	358	7	2	43	22	7	4	10
Other Heating Equipment									
With other heating equipment[1]	6 629	5 374	72	33	1 150	1 127	18	5	–
Warm-air furnace	158	127	–	1	30	27	3	–	–
Steam or hot water system	30	26	–	1	3	3	–	–	–
Electric heat pump	76	60	–	–	16	15	–	–	–
Built-in electric units	493	432	11	3	47	47	–	–	–
Floor, wall, or other built-in hot-air units without ducts	118	117	1	1	–	–	–	–	–
Room heaters with flue	208	203	2	1	2	2	–	–	–
Room heaters without flue	394	359	1	4	30	30	–	–	–
Portable electric heaters	1 837	1 679	37	8	113	102	6	4	–
Stoves	396	330	9	2	54	52	3	–	–
Fireplaces with inserts	735	550	3	5	177	177	–	–	–
Fireplaces with no inserts	2 748	1 973	18	10	747	742	6	–	–
Other	187	157	–	–	29	29	–	–	–
Plumbing[2]									
With all plumbing facilities	28 152	23 768	273	144	3 967	3 704	154	95	15
Lacking some plumbing facilities[1]	87	56	20	–	10	–	–	–	10
No hot piped water	5	5	–	–	–	–	–	–	–
No bathtub nor shower	82	51	20	–	10	–	–	–	10
No flush toilet	67	37	20	–	10	–	–	–	10
No plumbing facilities for exclusive use	530	451	27	2	50	42	6	2	–
Source of Water									
Public system or private company	28 265	23 872	321	143	3 930	3 655	153	97	25
Well serving 1 to 5 units	174	134	–	2	38	35	3	–	–
Drilled	155	121	–	1	33	30	3	–	–
Dug	8	6	–	–	1	1	–	–	–
Not reported	11	7	–	1	3	3	–	–	–
Other	329	269	–	1	59	55	4	–	–

SECTION A. **1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS**

Table 5-4. **Selected Equipment and Plumbing—In Central Cities—Occupied Units**—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Means of Sewage Disposal									
Public sewer	28 202	23 832	313	144	3 912	3 642	151	95	25
Septic tank, cesspool, chemical toilet	562	440	7	2	113	104	9	–	–
Other	5	3	–	–	2	–	–	2	–

[1]Figures may not add to total because more than one category may apply to a unit.
[2]Data not up to publication standards; see "Qualifications of the Data" section in the Introduction.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 5-5. Fuels—In Central Cities—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**28 768**	**24 274**	**321**	**146**	**4 027**	**3 746**	**159**	**97**	**25**
Main House Heating Fuel									
Housing units with heating fuel	28 358	23 917	313	144	3 984	3 723	153	93	15
Electricity	6 721	4 410	50	17	2 245	2 189	33	10	12
Piped gas	17 330	15 486	200	103	1 542	1 374	93	73	2
Bottled gas	143	113	–	–	30	23	7	–	1
Fuel oil	3 460	3 283	55	20	102	76	16	10	–
Kerosene or other liquid fuel	113	100	2	–	11	8	3	–	–
Coal or coke	20	20	–	–	–	–	–	–	–
Wood	396	347	7	2	41	41	–	–	–
Solar energy	5	–	–	–	5	5	–	–	–
Other	169	158	–	3	8	8	–	1	–
Other House Heating Fuels									
With other heating fuels[1]	3 629	3 002	25	19	583	561	17	4	–
Electricity	1 306	1 206	19	9	72	63	5	4	–
Piped gas	263	218	2	3	41	41	–	–	–
Bottled gas	19	16	–	–	3	–	3	–	–
Fuel oil	88	84	2	–	2	2	–	–	–
Kerosene or other liquid fuel	270	249	1	–	20	20	–	–	–
Coal or coke	11	11	1	–	–	–	–	–	–
Wood	1 687	1 247	3	5	431	422	8	–	–
Solar energy	39	28	–	–	11	11	–	–	–
Other	59	48	1	2	8	8	–	–	–
Not reported	189	162	2	–	25	25	–	–	–
Cooking Fuel									
With cooking fuel	28 590	24 140	290	145	4 015	3 746	159	95	15
Electricity	13 834	10 628	101	46	3 058	2 965	64	28	2
Piped gas	14 546	13 336	190	98	922	764	78	67	12
Bottled gas	172	146	–	–	26	14	11	–	1
Kerosene or other liquid fuel	13	7	–	–	7	–	7	–	–
Coal or coke	–	–	–	–	–	–	–	–	–
Wood	–	–	–	–	–	–	–	–	–
Other	25	23	–	–	2	2	–	–	–
Water Heating Fuel									
With hot piped water	28 726	24 251	304	146	4 025	3 746	159	95	25
Electricity	7 492	5 319	40	17	2 116	2 035	66	15	–
Piped gas	18 556	16 426	221	113	1 795	1 620	79	72	24
Bottled gas	124	102	–	–	21	14	7	–	1
Fuel oil	2 263	2 172	37	12	41	33	–	8	–
Kerosene or other liquid fuel	20	13	–	–	7	–	7	–	–
Coal or coke	9	9	–	–	–	–	–	–	–
Wood	3	2	–	–	–	–	–	–	–
Solar energy	92	61	5	–	26	26	–	–	–
Other	168	146	1	3	18	18	–	–	–
Central Air Conditioning Fuel									
With central air conditioning	11 272	8 224	34	28	2 985	2 923	50	4	8
Electricity	10 402	7 475	34	27	2 866	2 807	48	4	8
Piped gas	801	681	–	–	119	116	3	–	–
Other	69	67	–	1	–	–	–	–	–
Clothes Dryer Fuel									
With clothes dryer	16 140	13 268	82	91	2 699	2 594	91	13	2
Electricity	11 397	8 978	48	48	2 322	2 233	79	10	–
Piped gas	4 696	4 248	34	43	372	356	12	3	2
Other	47	42	–	–	5	5	–	–	–
Units Using Each Fuel[1]									
Electricity	28 764	24 270	321	146	4 027	3 746	159	97	25
All-electric units	4 900	3 015	15	6	1 864	1 828	27	10	–
Piped gas	22 343	19 911	282	132	2 018	1 809	102	83	24
Bottled gas	283	228	–	1	54	38	15	–	1
Fuel oil	4 153	3 919	64	25	145	103	19	17	6
Kerosene or other liquid fuel	395	358	3	–	34	27	7	–	–
Coal or coke	31	30	1	–	–	–	–	–	–
Wood	2 086	1 597	10	7	472	464	8	–	–
Solar energy	124	80	5	–	39	39	–	–	–
Other	366	323	2	5	36	36	–	1	–

[1]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 5-6. Failures in Equipment—In Central Cities—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**28 768**	**24 274**	**321**	**146**	**4 027**	**3 746**	**159**	**97**	**25**
Water Supply Stoppage									
With hot and cold piped water	28 726	24 251	304	146	4 025	3 746	159	95	25
No stoppage in last 3 months	27 186	22 909	284	138	3 856	3 606	145	79	25
With stoppage in last 3 months	1 242	1 080	15	8	138	118	11	9	–
No stoppage lasting 6 hours or more	498	420	4	2	72	63	4	4	–
1 time lasting 6 hours or more	441	388	5	4	45	33	7	5	–
2 times	130	110	5	1	15	15	–	–	–
3 times	46	46	–	–	–	–	–	–	–
4 times or more	60	60	–	–	–	–	–	–	–
Number of times not reported	68	57	2	2	7	7	–	–	–
Stoppage not reported	297	262	5	–	31	21	3	7	–
Flush Toilet Breakdowns									
With one or more flush toilets	28 663	24 218	284	146	4 015	3 746	159	95	15
With at least one working toilet at all times in last 3 months	26 921	22 694	272	137	3 817	3 564	150	95	9
None working some time in last 3 months	1 619	1 415	7	9	187	171	10	–	6
No breakdowns lasting 6 hours or more	500	439	–	2	59	56	3	–	–
1 time lasting 6 hours or more	687	602	2	6	76	69	7	–	–
2 times	190	165	–	1	24	18	–	–	6
3 times	73	68	1	1	4	4	–	–	–
4 times or more	76	68	–	–	8	8	–	–	–
Number of times not reported	94	74	4	–	16	16	–	–	–
Breakdowns not reported	123	109	4	–	10	10	–	–	–
Sewage Disposal Breakdowns									
With public sewer	28 202	23 832	313	144	3 912	3 642	151	95	25
No breakdowns in last 3 months	27 668	23 351	313	142	3 862	3 594	149	95	25
With breakdowns in last 3 months	533	481	–	3	50	48	2	–	–
No breakdowns lasting 6 hours or more	169	152	–	–	17	15	2	–	–
1 time lasting 6 hours or more	249	221	–	3	25	25	–	–	–
2 times	57	50	–	–	7	7	–	–	–
3 times	27	27	–	–	–	–	–	–	–
4 times or more	31	31	–	–	–	–	–	–	–
With septic tank or cesspool	562	440	7	2	113	104	9	–	–
No breakdowns in last 3 months	539	423	7	2	106	99	7	–	–
With breakdowns in last 3 months	23	16	–	–	7	5	2	–	–
No breakdowns lasting 6 hours or more	4	–	–	–	4	2	2	–	–
1 time lasting 6 hours or more	14	12	–	–	2	2	–	–	–
2 times	2	2	–	–	–	–	–	–	–
3 times	–	–	–	–	–	–	–	–	–
4 times or more	2	2	–	–	–	–	–	–	–
Heating Problems									
With heating equipment and occupied last winter	24 662	21 203	252	123	3 084	2 877	128	79	1
Not uncomfortably cold for 24 hours or more last winter	22 552	19 249	223	112	2 968	2 783	121	64	1
Uncomfortably cold for 24 hours or more last winter[1]	2 043	1 887	29	11	116	94	7	15	–
Equipment breakdowns	775	720	11	3	41	29	5	7	–
No breakdowns lasting 6 hours or more	29	27	2	–	–	–	–	–	–
1 time lasting 6 hours or more	370	345	2	2	21	9	5	7	–
2 times	113	108	3	–	2	2	–	–	–
3 times	80	69	–	1	10	10	–	–	–
4 times or more	128	122	4	–	2	2	–	–	–
Number of times not reported	55	49	–	–	6	6	–	–	–
Other causes	1 400	1 293	20	8	80	69	2	9	–
Utility interruption	208	183	5	3	18	15	–	2	–
Inadequate heating capacity	406	388	4	1	12	10	–	2	–
Inadequate insulation	227	213	2	2	10	9	–	–	–
Other	505	463	8	3	31	29	2	–	–
Not reported	54	45	–	–	9	5	–	4	–
Reason for discomfort not reported	5	5	–	–	–	–	–	–	–
Discomfort not reported	67	67	–	–	–	–	–	–	–
Electric Fuses and Circuit Breakers									
With electrical wiring	28 768	24 274	321	146	4 027	3 746	159	97	25
No fuses or breakers blown in last 3 mo.	24 628	20 697	272	111	3 548	3 301	142	81	25
With fuses or breakers blown in last 3 mo.	3 806	3 305	45	32	424	396	11	17	–
1 time	1 754	1 509	15	15	215	212	2	1	–
2 times	802	681	7	8	106	89	8	9	–
3 times	421	374	9	3	34	28	–	7	–
4 times or more	549	502	7	5	36	33	2	–	–
Number of times not reported	280	238	8	1	34	34	–	–	–
Problem not reported or don't know	335	273	4	3	55	48	6	–	–

[1]Other causes and equipment breakdowns may not add to total as both may be reported.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 5-7. Additional Indicators of Housing Quality—In Central Cities—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**28 768**	**24 274**	**321**	**146**	**4 027**	**3 746**	**159**	**97**	**25**
Selected Amenities[1]									
Porch, deck, balcony, or patio	19 833	16 388	151	105	3 189	3 064	94	28	3
Not reported	74	64	–	–	11	5	–	–	6
Telephone available	26 561	22 414	237	141	3 769	3 537	138	70	25
Usable fireplace	7 447	5 562	45	28	1 812	1 796	9	4	2
Separate dining room	12 845	11 049	77	100	1 619	1 582	25	10	2
With 2 or more living rooms or recreation rooms, etc.	7 278	6 264	38	57	919	898	19	–	2
Garage or carport included with home	14 603	12 280	73	57	2 193	2 141	45	5	2
Not included	14 094	11 930	243	89	1 832	1 603	114	92	23
Offstreet parking included	8 436	6 706	119	42	1 568	1 420	99	37	13
Offstreet parking not reported	168	142	2	–	24	24	–	–	–
Garage or carport not reported	71	64	4	–	2	2	–	–	–
Cars and Trucks Available[1]									
No cars, trucks, or vans	5 666	5 116	139	37	373	275	23	53	22
Other households without cars	1 160	964	10	6	179	161	13	5	–
1 car with or without trucks or vans	13 499	11 304	106	54	2 036	1 916	81	38	1
2 cars	6 877	5 569	52	38	1 218	1 176	40	–	2
3 or more cars	1 568	1 322	14	12	220	217	3	–	–
With cars, no trucks or vans	16 972	14 128	150	71	2 623	2 485	97	38	3
1 truck or van with or without cars	5 306	4 350	32	30	895	855	34	6	–
2 or more trucks or vans	824	681	–	8	136	131	5	–	–
Owner or Manager on Property									
Rental, multiunit[2]	12 049	9 681	321	53	1 995	1 880	16	82	16
Owner or manager lives on property	3 776	2 878	48	4	845	822	–	13	10
Neither owner nor manager lives on property	6 597	5 408	190	23	975	889	16	64	6
Not reported	1 676	1 394	82	26	174	168	–	6	–
Selected Deficiencies[1]									
Signs of rats in last 3 months	1 484	1 321	35	19	109	67	11	26	5
Holes in floors	415	383	6	2	24	15	5	4	–
Open cracks or holes (interior)	1 909	1 772	24	16	97	88	2	6	–
Broken plaster or peeling paint (interior)	1 650	1 559	6	11	73	60	–	13	–
No electrical wiring	–	–	–	–	–	–	–	–	–
Exposed wiring	575	480	16	10	69	60	8	–	–
Rooms without electric outlets	520	483	9	2	26	23	–	4	–
Water Leakage During Last 12 Months									
No leakage from inside structure	24 691	20 794	267	121	3 509	3 289	136	59	25
With leakage from inside structure[1]	4 029	3 437	54	25	514	452	24	38	–
Fixtures backed up or overflowed	1 246	1 033	25	6	182	170	5	7	–
Pipes leaked	2 070	1 818	25	16	211	169	16	26	–
Other or unknown (includes not reported)	860	727	4	4	126	117	3	5	–
Interior leakage not reported	48	44	–	–	5	5	–	–	–
No leakage from outside structure	24 374	20 405	268	114	3 586	3 340	136	85	25
With leakage from outside structure[1]	4 310	3 790	50	32	438	403	23	12	–
Roof	1 920	1 685	33	14	188	160	16	11	–
Basement	1 261	1 200	5	15	41	41	–	–	–
Walls, closed windows, or doors	768	631	12	3	122	121	–	1	–
Other or unknown (includes not reported)	564	467	4	1	92	85	7	–	–
Exterior leakage not reported	85	80	2	–	2	2	–	–	–
Overall Opinion of Structure									
1 (worst)	262	244	4	1	13	13	–	–	–
2	150	145	–	–	5	5	–	–	–
3	242	210	7	–	25	15	10	–	–
4	428	385	11	4	28	21	3	4	–
5	2 216	2 016	30	9	161	120	23	13	5
6	1 667	1 497	18	6	146	116	14	5	11
7	3 726	3 204	43	23	457	418	20	19	–
8	7 142	5 958	104	44	1 036	992	29	9	6
9	4 041	3 267	36	24	714	680	15	18	–
10 (best)	8 641	7 109	64	35	1 434	1 358	45	29	3
Not reported	253	240	4	–	8	8	–	–	–
Selected Physical Problems									
Severe physical problems[1]	919	791	53	3	72	54	6	2	10
Plumbing	616	507	48	2	60	42	6	2	10
Heating	208	191	4	1	12	12	–	–	–
Electric	12	12	–	–	–	–	–	–	–
Upkeep	102	101	1	1	–	–	–	–	–
Hallways	–	–	–	–	–	–	–	–	–
Moderate physical problems[1]	1 731	1 624	14	14	80	61	8	11	–
Plumbing	125	113	–	1	12	12	–	–	–
Heating	594	577	5	3	9	6	3	–	–
Upkeep	856	803	5	9	39	26	2	11	–
Hallways	29	27	–	–	2	2	–	–	–
Kitchen	216	191	6	1	18	15	3	–	–

[1]Figures may not add to total because more than one category may apply to a unit.
[2]Two or more units of any tenure in the structure.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 5-8. Neighborhood—In Central Cities—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**28 768**	**24 274**	**321**	**146**	**4 027**	**3 746**	**159**	**97**	**25**
Overall Opinion of Neighborhood									
1 (worst)	782	719	14	5	45	38	6	–	–
2	428	365	5	3	54	26	13	9	6
3	679	611	10	3	55	52	4	–	–
4	779	668	15	5	90	76	10	4	–
5	3 001	2 656	23	11	312	274	14	14	11
6	2 046	1 749	30	19	247	236	6	–	5
7	3 719	3 155	44	20	499	464	14	19	2
8	6 370	5 288	75	34	973	931	29	14	–
9	3 513	2 891	48	14	560	548	10	1	–
10 (best)	7 068	5 802	51	29	1 185	1 094	54	37	1
No neighborhood	51	44	2	–	4	4	–	–	–
Not reported	333	325	3	2	3	2	–	–	–
Neighborhood Conditions									
With neighborhood	28 385	23 905	315	144	4 020	3 739	159	97	25
No problems	15 199	12 616	175	59	2 350	2 196	82	61	11
With problems[1]	13 114	11 234	140	85	1 654	1 528	77	36	14
Crime	4 189	3 683	55	37	414	363	25	15	12
Noise	3 112	2 678	51	16	367	347	7	13	–
Traffic	2 329	2 025	26	10	269	247	7	8	6
Litter or housing deterioration	1 738	1 568	13	8	148	132	10	–	6
Poor city or county services	625	552	3	2	67	58	3	–	6
Undesirable commercial, institutional, industrial	601	517	10	6	68	50	8	4	6
People	4 506	3 851	41	33	580	506	51	12	12
Other	2 553	2 105	14	15	420	390	28	1	2
Type of problem not reported	158	121	2	1	34	34	–	–	–
Presence of problems not reported	72	55	–	–	16	16	–	–	–
Description of Area Within 300 Feet[1]									
Single-family detached houses	3 970	3 311	200	19	440	425	3	6	6
Only single-family detached	–	–	–	–	–	–	–	–	–
Single-family attached or 1 to 3 story multiunit	8 098	6 411	177	35	1 475	1 422	10	27	16
4 to 6 story multiunit	2 757	2 453	68	18	218	165	13	40	–
7 stories or more multiunit	1 652	1 497	21	8	126	78	7	42	–
Mobile homes	58	42	2	–	13	13	–	–	–
Commercial, institutional, or industrial	4 015	3 391	125	20	479	432	–	31	16
Residential parking lots	2 675	2 014	19	11	631	610	7	9	6
Body of water	339	245	8	1	86	85	–	1	–
Open space, park, farm, or ranch	1 946	1 435	26	7	478	418	7	53	–
4+ lane highway, railroad, or airport	1 468	1 140	28	8	292	238	13	31	10
Other	602	486	26	4	87	81	3	3	–
Not observed or not reported	1 082	838	31	2	212	201	–	11	–
Age of Other Residential Buildings Within 300 Feet									
Older	726	458	8	3	257	253	3	1	–
About the same	7 923	6 520	235	33	1 135	1 097	–	28	10
Newer	186	156	10	2	19	19	–	–	–
Very mixed	1 863	1 524	33	13	293	231	13	43	6
No other residential buildings	233	159	4	1	70	69	–	1	–
Not reported	1 115	864	28	2	221	211	–	11	–
Mobile Homes in Group									
Mobile homes	338	125	–	–	212	77	135	–	–
1 to 6	84	30	–	–	54	16	38	–	–
7 to 20	19	8	–	–	11	–	11	–	–
21 or more	235	87	–	–	147	61	86	–	–
Not reported	–	–	–	–	–	–	–	–	–
Other Buildings Vandalized or With Interior Exposed									
None	9 885	7 940	248	46	1 651	1 557	16	72	6
1 building	285	250	15	1	19	19	–	–	–
More than 1 building	511	460	19	4	29	18	–	–	10
No buildings within 300 feet	117	67	3	1	47	47	–	–	–
Not reported	1 249	963	35	2	249	239	–	11	–
Bars on Windows of Buildings									
With other buildings within 300 feet	10 681	8 650	281	50	1 699	1 594	16	72	16
No bars on windows	7 933	6 234	213	27	1 458	1 422	10	26	–
1 building with bars	435	357	9	5	65	29	7	29	–
2 or more buildings with bars	2 225	1 988	55	17	164	132	–	16	16
Not reported	88	71	5	1	12	12	–	–	–
Condition of Streets									
No repairs needed	7 774	6 101	207	35	1 430	1 339	13	61	16
Minor repairs needed	2 717	2 365	82	13	257	243	3	10	–
Major repairs needed	305	271	1	2	31	31	–	–	–
No streets within 300 feet	135	88	–	–	46	46	–	–	–
Not reported	1 117	856	28	2	231	220	–	11	–
Trash, Litter, or Junk on Streets or any Properties									
None	6 976	5 325	170	32	1 449	1 382	16	50	–
Minor accumulation	3 610	3 181	109	17	302	274	–	22	6
Major accumulation	387	342	11	2	32	22	–	–	10
Not reported	1 074	832	28	2	212	202	–	11	–

[1]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 5-9. Household Composition—In Central Cities—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Population in housing units	**72 864**	**61 665**	**620**	**483**	**10 095**	**9 434**	**381**	**228**	**53**
Total	**28 768**	**24 274**	**321**	**146**	**4 027**	**3 746**	**159**	**97**	**25**
Persons									
1 person	8 438	7 089	149	29	1 170	1 063	57	40	12
2 persons	8 779	7 395	95	31	1 257	1 186	43	23	5
3 persons	4 753	4 048	37	21	646	623	20	3	–
4 persons	3 699	3 052	31	31	584	527	25	25	8
5 persons	1 803	1 573	5	14	211	195	10	7	–
6 persons	746	635	4	10	98	93	5	–	–
7 persons or more	551	482	–	10	59	59	–	–	–
Median	**2.2**	**2.2**	**1.6**	**3.1**	**2.2**	**2.2**	**2.0**	**1.9**	**...**
Number of Single Children Under 18 Years Old									
None	18 651	15 808	241	80	2 523	2 334	111	56	23
1	4 272	3 555	42	18	656	621	19	16	–
2	3 506	2 927	28	22	528	489	18	19	2
3	1 529	1 282	9	17	221	205	9	7	–
4	530	451	1	5	72	72	–	–	–
5	186	165	–	2	19	17	2	–	–
6 or more	95	86	–	1	8	8	–	–	–
Median	**.5-**	**.5-**	**.5-**	**.5-**	**.5-**	**.5-**	**.5-**	**.5-**	**...**
Persons 65 Years Old and Over									
None	21 962	18 007	277	117	3 562	3 331	126	80	24
1 person	4 770	4 371	34	18	348	311	19	17	1
2 persons or more	2 036	1 896	10	12	117	103	14	–	–
Age of Householder									
Under 25 years	1 812	1 412	33	9	358	332	12	7	6
25 to 29	2 913	2 157	60	6	689	660	13	10	6
30 to 34	3 708	2 936	54	17	701	655	25	18	2
35 to 44	6 344	5 197	57	45	1 044	967	31	35	10
45 to 54	4 129	3 533	49	31	517	495	20	1	–
55 to 64	3 604	3 258	28	15	303	270	25	7	–
65 to 74	3 455	3 201	21	9	223	196	13	13	1
75 years and over	2 804	2 579	19	12	193	170	20	4	–
Median	**44**	**46**	**37**	**44**	**38**	**37**	**45**	**39**	**...**
Household Composition by Age of Householder									
2-or-more person households	20 331	17 185	171	118	2 856	2 683	103	58	13
Married-couple families, no nonrelatives	12 301	10 386	69	79	1 767	1 702	45	18	2
Under 25 years	361	279	2	1	79	68	6	5	–
25 to 29 years	1 123	809	11	2	301	296	–	5	–
30 to 34 years	1 682	1 338	10	10	324	319	3	–	2
35 to 44 years	3 027	2 441	12	27	547	533	8	5	–
45 to 64 years	3 879	3 432	21	25	402	387	14	1	–
65 years and over	2 229	2 088	12	14	115	99	14	1	–
Other male householder	2 594	2 118	39	14	423	397	18	9	–
Under 45 years	1 780	1 391	30	12	347	323	15	9	–
45 to 64 years	542	475	9	1	58	55	3	–	–
65 years and over	272	252	–	1	19	19	–	–	–
Other female householder	5 435	4 680	64	25	666	584	40	31	11
Under 45 years	3 396	2 802	53	15	526	462	24	28	11
45 to 64 years	1 333	1 202	11	10	111	101	10	–	–
65 years and over	706	676	–	–	30	21	6	2	–
1-person households	8 438	7 089	149	29	1 170	1 063	57	40	12
Male householder	3 502	2 856	92	13	542	498	18	27	–
Under 45 years	1 901	1 490	52	7	352	323	13	15	–
45 to 64 years	859	687	28	6	139	128	5	7	–
65 years and over	743	679	12	–	51	47	–	4	–
Female householder	4 935	4 233	58	16	628	565	39	13	12
Under 45 years	1 508	1 152	34	5	317	291	12	3	11
45 to 64 years	1 119	995	9	5	110	95	14	1	–
65 years and over	2 308	2 085	16	6	201	179	13	9	1
Adults and Single Children Under 18 Years Old									
Total households with children	10 117	8 467	80	66	1 504	1 412	49	42	2
Married couples	6 049	4 952	32	45	1 020	990	21	7	2
One child under 6 only	1 067	809	13	6	240	234	4	1	–
One under 6, one or more 6 to 17	1 277	1 010	2	11	255	245	4	4	2
Two or more under 6 only	625	499	6	7	113	112	1	–	–
Two or more under 6, one or more 6 to 17	410	337	–	5	68	65	3	–	–
One or more 6 to 17 only	2 670	2 298	12	15	344	334	9	1	–
Other households with two or more adults	1 785	1 571	13	13	189	158	12	20	–
One child under 6 only	376	319	2	2	52	49	4	–	–
One under 6, one or more 6 to 17	251	234	5	3	10	10	–	–	–
Two or more under 6 only	128	103	2	–	22	16	–	7	–
Two or more under 6, one or more 6 to 17	126	112	1	1	12	12	–	–	–
One or more 6 to 17 only	905	803	2	7	92	71	8	13	–
Households with one adult or none	2 283	1 944	36	8	295	264	16	15	–
One child under 6 only	329	281	12	1	36	36	–	–	–
One under 6, one or more 6 to 17	384	329	8	1	47	37	9	–	–
Two or more under 6 only	190	168	2	–	20	20	–	–	–
Two or more under 6, one or more 6 to 17	142	132	2	2	5	5	–	–	–
One or more 6 to 17 only	1 238	1 034	12	4	188	166	6	15	–
Total households with no children	18 651	15 808	241	80	2 523	2 334	111	56	23
Married couples	6 399	5 548	40	35	776	739	26	11	–
Other households with two or more adults	3 822	3 175	52	17	579	535	28	5	11
Households with one adult	8 430	7 085	149	29	1 168	1 060	57	40	12

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 5-9. Household Composition—In Central Cities—Occupied Units—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Own Never Married Children Under 18 Years Old									
No own children under 18 years	19 700	16 753	248	88	2 611	2 407	120	62	23
With own children under 18 years	9 068	7 521	73	59	1 415	1 339	40	35	2
Under 6 years only	2 365	1 877	37	13	439	433	4	1	–
1	1 515	1 190	27	5	294	288	4	1	–
2	721	583	8	4	125	125	–	–	–
3 or more	129	104	2	4	19	19	–	–	–
6 to 17 years only	4 514	3 852	30	26	607	555	22	30	–
1	2 321	1 972	18	10	321	298	8	15	–
2	1 529	1 313	9	10	196	173	8	15	–
3 or more	664	566	3	6	90	84	6	–	–
Both age groups	2 189	1 793	6	20	370	350	13	4	2
2	959	760	5	6	188	175	7	4	2
3 or more	1 230	1 034	1	14	181	175	6	–	–
Persons Other Than Spouse or Children[1]									
With other relatives	6 566	5 797	48	50	671	599	37	30	5
Single adult offspring 18 to 29	3 446	3 052	25	30	339	314	11	14	–
Single adult offspring 30 years of age or over	1 101	1 029	5	8	60	43	15	2	–
Households with three generations	824	742	7	9	66	64	2	–	–
Households with 1 subfamily	856	768	7	6	75	66	2	7	–
Subfamily householder age under 30	511	448	7	3	53	44	2	7	–
30 to 64	313	292	–	3	18	18	–	–	–
65 and over	32	28	–	–	5	5	–	–	–
Households with 2 or more subfamilies	44	41	–	–	2	2	–	–	–
Households with other types of relatives	2 478	2 164	16	18	280	260	9	7	5
With non-relatives	2 537	2 001	46	10	480	453	19	2	6
Co-owners or co-renters	1 304	1 016	24	7	258	247	2	2	6
Lodgers	403	317	9	1	77	70	7	–	–
Unrelated children, under 18 years old	285	237	5	1	42	34	8	–	–
Other non-relatives	823	660	8	3	152	138	14	–	–
One or more secondary families	197	168	–	1	27	22	5	–	–
2-person households, none related to each other	1 419	1 096	28	3	291	283	5	2	–
3-8 person households, none related to each other	299	237	7	5	51	42	3	–	6
Years of School Completed by Householder									
No school years completed	145	117	–	1	26	21	1	–	5
Elementary:									
less than 8 years	1 663	1 522	20	12	109	94	10	–	5
8 years	1 121	1 040	11	7	62	47	7	8	–
High School:									
1 to 3 years	3 296	2 966	36	15	278	230	26	22	–
4 years	9 330	8 002	125	35	1 167	1 062	67	37	1
College:									
1 to 3 years	5 737	4 765	61	29	883	829	29	18	8
4 years or more	7 477	5 862	66	47	1 502	1 463	21	13	6
Median	**12.9**	**12.8**	**12.7**	**13.5**	**14.3**	**14.5**	**12.5**	**12.5**	**...**
Year Householder Moved Into Unit									
1990 to 1994	8 546	6 427	134	27	1 958	1 837	66	37	19
1985 to 1989	8 125	6 417	66	35	1 606	1 519	46	36	6
1980 to 1984	3 009	2 550	20	19	421	390	22	9	–
1975 to 1979	2 622	2 574	11	11	26	–	11	15	–
1970 to 1974	1 658	1 627	15	9	7	–	6	1	–
1960 to 1969	2 472	2 440	13	15	4	–	4	–	–
1950 to 1959	1 540	1 493	22	20	4	–	4	–	–
1940 to 1949	563	511	40	11	–	–	–	–	–
1939 or earlier	233	233	–	–	–	–	–	–	–
Median	**1982**	**1980**	**1977**	**1977**	**1986**	**1986**	**1985**	**1986**	**...**
Household Moves and Formation in Last Year									
Total with a move in last year	7 038	5 305	119	28	1 585	1 478	59	30	19
Household all moved here from one unit	4 753	3 477	93	17	1 166	1 085	48	20	13
Householder of previous unit did not move here	1 076	796	35	5	240	215	10	8	7
Householder of previous unit moved here	3 513	2 599	57	13	844	788	38	12	6
Householder of previous unit not reported	164	82	–	–	81	81	–	–	–
Household moved here from two or more units	915	655	17	4	239	217	7	10	6
No previous householder moved here	263	206	5	–	52	42	–	5	6
1 previous householder moved here	194	111	8	1	73	65	3	5	–
2 or more previous householders moved here	385	292	5	2	86	83	4	–	–
Previous householder(s) not reported	74	46	–	1	28	28	–	–	–
Some already here, rest moved in	1 351	1 155	9	7	180	176	4	–	–
No previous householder moved here	517	447	5	1	64	64	–	–	–
1 or more previous householders moved here	643	551	2	4	86	82	4	–	–
Previous householder(s) not reported	191	157	2	2	29	29	–	–	–
Number of previous units not reported	19	19	–	–	–	–	–	–	–

[1]Figures may not add to total because more than one category may apply.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 5-10. Income Characteristics—In Central Cities—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**28 768**	**24 274**	**321**	**146**	**4 027**	**3 746**	**159**	**97**	**25**
Household Income									
Less than $5,000	2 060	1 775	43	10	232	185	16	21	10
$5,000 to $9,999	3 346	2 943	61	18	324	275	22	21	7
$10,000 to $14,999	2 922	2 640	51	16	217	190	16	11	–
$15,000 to $19,999	2 603	2 249	34	13	307	275	18	8	6
$20,000 to $24,999	2 592	2 243	23	10	316	297	10	7	2
$25,000 to $29,999	2 765	2 347	25	8	384	353	16	16	–
$30,000 to $34,999	2 085	1 726	13	8	339	325	7	6	–
$35,000 to $39,999	1 543	1 288	16	4	236	226	9	–	–
$40,000 to $49,999	2 584	2 105	20	17	443	419	23	–	–
$50,000 to $59,999	1 986	1 568	13	12	393	385	6	2	–
$60,000 to $79,999	2 144	1 735	7	16	386	374	6	6	–
$80,000 to $99,999	829	622	3	2	203	197	6	–	–
$100,000 to $119,999	491	399	4	4	84	81	3	–	–
$120,000 or more	816	637	7	7	165	165	–	1	–
Median	**26 557**	**25 615**	**15 886**	**28 615**	**33 451**	**34 598**	**23 560**	**13 133**	**...**
As percent of poverty level:									
Less than 50 percent	1 875	1 639	35	11	191	159	16	16	–
50 to 99	2 907	2 558	40	18	291	240	12	29	10
100 to 149	3 222	2 854	66	20	282	239	21	10	13
150 to 199	2 792	2 463	35	18	276	245	23	6	2
200 percent or more	17 972	14 761	144	80	2 987	2 863	87	37	–
Income of Families and Primary Individuals									
Less than $5,000	2 269	1 952	46	10	261	214	16	21	10
$5,000 to $9,999	3 540	3 100	68	21	351	296	22	21	13
$10,000 to $14,999	3 092	2 780	51	16	245	216	18	11	–
$15,000 to $19,999	2 721	2 336	32	14	339	309	22	8	–
$20,000 to $24,999	2 637	2 263	24	9	342	319	15	7	2
$25,000 to $29,999	2 780	2 351	30	9	390	362	12	16	–
$30,000 to $34,999	2 007	1 661	11	8	327	311	10	6	–
$35,000 to $39,999	1 446	1 212	16	5	213	207	6	–	–
$40,000 to $49,999	2 442	2 012	14	15	401	383	18	–	–
$50,000 to $59,999	1 839	1 453	11	12	363	355	6	2	–
$60,000 to $79,999	1 992	1 595	7	15	376	361	10	6	–
$80,000 to $99,999	771	579	5	2	185	182	3	–	–
$100,000 to $119,999	452	376	–	3	72	70	3	–	–
$120,000 or more	779	605	7	7	160	160	–	1	–
Median	**25 224**	**24 351**	**14 632**	**26 739**	**31 295**	**32 518**	**20 594**	**13 133**	**...**
Income Sources of Families and Primary Individuals									
Wages and salaries	21 069	17 361	218	108	3 382	3 160	124	73	25
Wages and salaries were majority of income	19 065	15 617	196	99	3 153	2 942	118	69	24
2 or more people each earned over 20% of wages and salaries	6 460	5 374	32	44	1 010	958	35	12	5
Business, farm, or ranch	2 304	1 853	25	17	409	403	4	1	–
Social security or pensions	8 398	7 670	55	28	645	580	41	24	1
Interest or dividend(s)	5 993	5 096	38	20	839	797	36	6	–
Rental income	2 471	2 120	49	30	271	257	13	1	1
With lodger(s)	403	317	9	1	77	70	7	–	–
Welfare or SSI	2 767	2 455	60	22	231	205	6	20	–
Alimony or child support	1 152	936	3	3	210	199	6	5	–
Other	2 582	2 147	31	16	388	360	20	7	–
Amount of Savings and Investments									
Income of $25,000 or less	14 915	13 005	233	71	1 606	1 410	96	76	25
No savings or investments	8 096	7 062	145	41	848	723	55	51	19
$25,000 or less	4 366	3 809	61	26	469	405	35	22	6
More than $25,000	1 025	923	10	2	90	89	1	–	–
Not reported	1 429	1 211	16	2	200	193	5	2	–
Food Stamps									
Income of $25,000 or less	14 915	13 005	233	71	1 606	1 410	96	76	25
Family members received food stamps	2 904	2 580	56	17	250	208	17	25	–
Did not receive food stamps	11 057	9 627	165	52	1 212	1 065	74	49	25
Not reported	954	797	11	3	143	136	5	2	–
Rent Reductions									
No subsidy or income reporting	11 584	9 440	202	39	1 903	1 784	47	48	24
Rent control	853	817	2	2	31	24	–	7	–
No rent control	10 717	8 609	200	36	1 872	1 760	47	41	24
Reduced by owner	558	497	16	2	43	33	–	4	6
Not reduced by owner	10 055	8 028	176	34	1 817	1 717	44	38	18
Owner reduction not reported	104	83	7	–	13	10	3	–	–
Rent control not reported	14	14	–	–	–	–	–	–	–
Owned by public housing authority	1 147	1 012	20	8	106	106	–	1	–
Other, Federal subsidy	697	524	9	4	159	130	–	29	–
Other, State or local subsidy	292	240	12	2	38	19	7	13	–
Other, income verification	219	201	2	–	15	15	–	–	–
Subsidy or income verification not reported	164	149	5	–	9	7	3	–	–

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 5-11. Selected Housing Costs—In Central Cities—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**28 768**	**24 274**	**321**	**146**	**4 027**	**3 746**	**159**	**97**	**25**
Monthly Housing Costs									
Less than $100	475	433	2	1	39	30	4	5	1
$100 to $199	3 112	2 858	16	15	223	178	33	6	6
$200 to $249	1 753	1 591	24	5	133	105	11	7	10
$250 to $299	1 769	1 617	26	4	123	99	10	14	–
$300 to $349	1 957	1 766	17	12	162	114	30	18	–
$350 to $399	1 956	1 765	18	7	167	157	3	7	–
$400 to $449	1 934	1 634	22	9	270	243	22	4	–
$450 to $499	1 851	1 551	21	9	270	252	11	7	–
$500 to $599	3 142	2 637	57	11	437	431	6	–	–
$600 to $699	2 327	1 892	6	11	418	399	11	5	2
$700 to $799	1 741	1 394	26	8	313	306	–	7	–
$800 to $999	2 004	1 562	26	10	405	395	9	1	–
$1,000 to $1,249	1 208	820	7	10	371	362	3	6	–
$1,250 to $1,499	604	427	5	8	165	161	4	–	–
$1,500 or more	949	642	4	12	291	291	–	–	–
No cash rent	641	543	28	4	67	50	–	11	6
Mortgage payment not reported	1 346	1 142	17	12	175	173	3	–	–
Median (excludes no cash rent)	**462**	**439**	**482**	**554**	**617**	**638**	**335**	**333**	**...**
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	**497**	**453**	**...**	**672**	**901**	**945**	**328**	**...**	**...**
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	**221**	**188**	**...**	**366**	**590**	**623**	**100-**	**...**	**...**
Monthly Housing Costs as Percent of Current Income									
Less than 5 percent	701	615	2	5	79	72	6	1	–
5 to 9 percent	2 461	2 232	8	8	213	192	19	1	–
10 to 14 percent	3 281	2 908	13	8	352	326	20	6	1
15 to 19 percent	4 028	3 402	29	21	575	545	24	6	–
20 to 24 percent	3 532	2 829	31	17	655	615	16	24	–
25 to 29 percent	3 079	2 495	27	12	545	514	14	16	–
30 to 34 percent	2 052	1 641	28	16	367	339	12	11	6
35 to 39 percent	1 416	1 140	23	5	248	242	3	1	2
40 to 49 percent	1 775	1 506	27	12	230	224	6	–	–
50 to 59 percent	1 124	972	18	6	127	112	9	1	5
60 to 69 percent	673	573	14	3	83	66	7	4	5
70 to 99 percent	1 048	930	18	5	95	79	9	8	–
100 percent or more[1]	1 254	1 053	24	9	168	151	7	9	–
Zero or negative income	358	294	14	2	48	45	3	–	–
No cash rent	641	543	28	4	67	50	–	11	6
Mortgage payment not reported	1 346	1 142	17	12	175	173	3	–	–
Median (excludes 3 previous lines)	**24**	**24**	**34**	**27**	**25**	**25**	**22**	**27**	**...**
Median (excludes 4 lines before medians)	**23**	**23**	**32**	**25**	**24**	**24**	**21**	**25**	**...**
Rent Paid by Lodgers									
Lodgers in housing units	403	317	9	1	77	70	7	–	–
Less than $100 per month	20	15	–	–	5	5	–	–	–
$100 to $199	98	78	4	–	15	15	–	–	–
$200 to $299	115	108	–	1	6	6	–	–	–
$300 to $399	52	32	–	–	20	20	–	–	–
$400 or more per month	78	56	4	–	18	15	3	–	–
Not reported	40	27	–	–	13	9	4	–	–
Median	**255**	**248**	**...**	**...**	**328**	**319**	**...**	**...**	**...**
Monthly Cost Paid for Electricity									
Electricity used	28 764	24 270	321	146	4 027	3 746	159	97	25
Less than $25	3 798	3 340	45	8	405	376	11	13	6
$25 to $49	8 911	7 613	83	50	1 165	1 042	70	50	3
$50 to $74	5 707	4 665	32	24	987	959	15	12	–
$75 to $99	2 798	2 242	19	22	517	487	27	3	–
$100 to $149	2 090	1 677	5	9	399	390	9	–	–
$150 to $199	546	445	5	3	93	93	–	–	–
$200 or more	244	174	6	2	62	58	3	1	–
Median	**48**	**47**	**41**	**50**	**56**	**57**	**45**	**38**	**...**
Included in rent, other fee, or obtained free	4 669	4 113	127	29	399	340	24	20	16
Monthly Cost Paid for Piped Gas									
Piped gas used	22 343	19 911	282	132	2 018	1 809	102	83	24
Less than $25	6 066	5 307	62	19	679	624	26	23	6
$25 to $49	6 272	5 573	37	23	639	598	37	4	–
$50 to $74	3 065	2 833	14	18	199	197	3	–	–
$75 to $99	1 168	1 079	10	13	66	62	–	2	2
$100 to $149	684	616	12	18	37	37	–	–	–
$150 to $199	230	215	9	6	–	–	–	–	–
$200 or more	156	142	5	4	4	4	–	–	–
Median	**36**	**37**	**34**	**62**	**30**	**31**	**30**	**25-**	**...**
Included in rent, other fee, or obtained free	4 702	4 145	133	31	393	287	37	53	16

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 5-11. Selected Housing Costs—In Central Cities—Occupied Units—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Average Monthly Cost Paid for Fuel Oil									
Fuel oil used	4 153	3 919	64	25	145	103	19	17	6
Less than $25	308	291	7	–	11	7	3	1	–
$25 to $49	457	417	3	2	35	30	5	1	–
$50 to $74	456	424	9	4	19	11	7	–	–
$75 to $99	257	243	4	1	9	9	–	–	–
$100 to $149	276	264	1	3	8	8	–	–	–
$150 to $199	76	73	2	1	–	–	–	–	–
$200 or more	106	97	2	5	3	3	–	–	–
Median	**61**	**62**	**62**	**...**	**47**	**48**	**...**	**...**	**...**
Included in rent, other fee, or obtained free	2 217	2 111	36	10	60	35	3	16	6
Property Insurance									
Property insurance paid	16 944	14 420	75	98	2 350	2 258	66	24	2
Median per month	**26**	**26**	**39**	**30**	**26**	**27**	**18**	**...**	**...**
Monthly Costs Paid for Selected Utilities and Fuels									
Water paid separately	10 520	9 299	53	59	1 108	1 090	18	–	–
Median	**22**	**21**	**...**	**...**	**25**	**25**	**...**	**...**	**...**
Trash paid separately	5 435	4 662	26	18	729	717	12	–	–
Median	**12**	**11**	**...**	**...**	**14**	**14**	**...**	**...**	**...**
Bottled gas paid separately	189	158	–	–	32	27	4	–	1
Median	**34**	**35**	**...**	**...**	**...**	**...**	**...**	**...**	**...**
Other fuel paid separately	1 622	1 264	3	5	350	343	7	–	–
Median	**10-**	**10-**	**...**	**...**	**10-**	**10-**	**...**	**...**	**...**
OWNER OCCUPIED UNITS									
Total	**14 665**	**12 708**	**69**	**93**	**1 795**	**1 685**	**103**	**6**	**1**
Cost and Ownership Sharing									
Ownership shared by person not living here	617	549	5	2	62	62	–	–	–
Costs shared by person not living here	118	100	5	–	13	13	–	–	–
Costs not shared	500	449	–	2	49	49	–	–	–
Cost sharing not reported	–	–	–	–	–	–	–	–	–
Ownership not shared	13 722	11 860	60	92	1 711	1 603	103	5	1
Costs shared by person not living here	87	78	3	–	7	7	–	–	–
Costs not shared	13 595	11 746	57	91	1 701	1 592	103	5	1
Cost sharing not reported	40	35	–	1	4	4	–	–	–
Ownership sharing not reported	326	299	4	–	22	21	–	1	–
Monthly Payment for Principal and Interest									
Less than $100	245	233	–	2	10	10	–	–	–
$100 to $199	760	725	–	6	28	25	3	–	–
$200 to $249	454	429	–	6	19	13	7	–	–
$250 to $299	547	501	2	2	41	37	4	–	–
$300 to $349	500	459	–	5	36	36	–	–	–
$350 to $399	538	495	–	5	38	38	–	–	–
$400 to $449	495	428	2	4	60	55	5	–	–
$450 to $499	473	409	–	2	62	59	3	–	–
$500 to $599	828	664	3	5	156	152	–	4	–
$600 to $699	638	490	7	6	136	133	3	–	–
$700 to $799	502	354	2	2	143	143	–	–	–
$800 to $999	527	322	2	2	201	201	–	–	–
$1,000 to $1,249	411	266	–	6	139	135	4	–	–
$1,250 to $1,499	221	144	2	2	74	74	–	–	–
$1,500 or more	420	291	2	6	121	121	–	–	–
Not reported	1 346	1 142	17	12	175	173	3	–	–
Median	**475**	**431**	**...**	**461**	**732**	**740**	**...**	**...**	**...**
Average Monthly Cost Paid for Real Estate Taxes									
Less than $25	2 379	2 095	2	9	272	200	67	4	1
$25 to $49	2 896	2 626	7	12	251	238	13	1	–
$50 to $74	2 599	2 314	5	22	259	245	14	–	–
$75 to $99	1 828	1 565	12	14	237	235	2	–	–
$100 to $149	2 456	2 064	17	8	368	361	6	–	–
$150 to $199	1 075	910	11	5	149	148	–	1	–
$200 or more	1 432	1 135	15	23	259	259	–	–	–
Median	**70**	**68**	**127**	**81**	**87**	**92**	**25-**	**...**	**...**
Annual Taxes Paid Per $1,000 Value									
Less than $5	2 584	2 279	9	13	282	251	26	4	1
$5 to $9	4 321	3 644	14	23	640	618	22	1	–
$10 to $14	3 244	2 747	16	21	459	439	18	2	–
$15 to $19	1 706	1 525	20	11	150	142	8	–	–
$20 to $24	1 094	949	–	12	133	129	4	–	–
$25 or more	1 717	1 564	8	14	131	106	24	–	–
Median	**11**	**11**	**13**	**13**	**10**	**10**	**11**	**...**	**...**
Routine Maintenance in Last Year									
Less than $25 per month	9 122	7 787	27	48	1 259	1 167	86	5	1
$25 to $49	2 595	2 280	17	19	279	268	11	–	–
$50 to $74	576	525	3	6	41	41	–	–	–
$75 to $99	729	656	2	7	64	64	–	–	–
$100 to $149	294	266	2	2	24	24	–	–	–
$150 to $199	321	289	7	3	22	22	–	–	–
$200 or more per month	394	344	–	2	47	47	–	–	–
Not reported	634	559	11	4	59	53	5	1	–
Median	**25-**	**25-**	**27**	**25-**	**25-**	**25-**	**25-**	**...**	**...**

SECTION A. **1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS**

Table 5-11. **Selected Housing Costs—In Central Cities—Occupied Units**—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
OWNER OCCUPIED UNITS—Con.									
Condominium and Cooperative Fee									
Fee paid by owners	803	570	2	6	226	222	–	4	–
Less than $25 per month	7	7	–	–	–	–	–	–	–
$25 to $49	19	14	1	–	4	4	–	–	–
$50 to $74	72	28	–	–	44	44	–	–	–
$75 to $99	73	40	–	–	33	33	–	–	–
$100 to $149	201	124	1	–	76	76	–	–	–
$150 to $199	117	85	–	1	32	32	–	–	–
$200 or more per month	278	243	–	5	30	26	–	4	–
Not reported	35	28	–	–	7	7	–	–	–
Median	**155**	**184**	**...**	**...**	**118**	**117**	**...**	**...**	**...**
Other Housing Costs Per Month									
Homeowner association fee paid	643	422	2	3	217	213	–	4	–
Median	**140**	**155**	**...**	**...**	**118**	**117**	**...**	**...**	**...**
Mobile home park fee paid	27	21	–	–	6	–	6	–	–
Median	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**
Land rent fee paid	26	26	–	–	–	–	–	–	–
Median	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**

[1]May reflect a temporary situation, living off savings, or response error.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 5-12. Value, Purchase Price, and Source of Down Payment—In Central Cities—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**14 665**	**12 708**	**69**	**93**	**1 795**	**1 685**	**103**	**6**	**1**
Value									
Less than $10,000	249	196	2	–	51	15	36	–	–
$10,000 to $19,999	397	322	2	4	69	40	29	–	–
$20,000 to $29,999	690	641	1	3	45	33	12	–	1
$30,000 to $39,999	1 009	966	2	5	36	33	3	–	–
$40,000 to $49,999	1 283	1 212	7	5	59	57	3	–	–
$50,000 to $59,999	1 343	1 247	–	7	89	88	–	1	–
$60,000 to $69,999	1 448	1 321	–	11	116	110	6	–	–
$70,000 to $79,999	1 160	1 025	7	13	115	115	–	–	–
$80,000 to $99,999	1 929	1 632	5	10	282	275	7	–	–
$100,000 to $119,999	984	820	2	2	160	160	–	–	–
$120,000 to $149,999	1 045	804	9	8	224	220	–	4	–
$150,000 to $199,999	1 258	1 012	5	6	235	230	4	1	–
$200,000 to $249,999	702	570	7	5	120	120	–	–	–
$250,000 to $299,999	414	336	7	5	67	67	–	–	–
$300,000 or more	753	604	13	8	128	123	4	–	–
Median	**77 866**	**74 383**	**138 852**	**78 269**	**104 489**	**109 670**	**15 426**	**...**	**...**
Value-Income Ratio									
Less than 1.5	4 240	3 697	15	25	504	430	73	1	–
1.5 to 1.9	1 903	1 612	5	18	268	262	6	–	–
2.0 to 2.4	1 648	1 369	3	9	267	260	7	–	–
2.5 to 2.9	1 270	1 043	7	7	213	204	9	–	1
3.0 to 3.9	1 645	1 387	14	11	232	232	–	–	–
4.0 to 4.9	993	886	5	3	99	99	–	–	–
5.0 or more	2 814	2 571	21	18	204	190	9	5	–
Zero or negative income	152	143	–	2	8	8	–	–	–
Median	**2.3**	**2.4**	**3.4**	**2.1**	**2.2**	**2.3**	**1.5-**	**...**	**...**
Other Activities on Property[1]									
Commercial establishment	154	130	–	2	21	17	–	4	–
Medical or dental office	100	92	–	1	7	7	–	–	–
Neither	14 452	12 519	69	90	1 774	1 668	103	2	1
Year Unit Acquired									
1990 to 1994	1 537	1 055	–	9	474	447	27	–	–
1985 to 1989	3 836	2 830	18	19	969	929	34	5	1
1980 to 1984	1 745	1 416	2	20	308	291	17	–	–
1975 to 1979	1 888	1 862	5	10	11	–	11	–	–
1970 to 1974	1 341	1 315	12	6	8	–	8	–	–
1960 to 1969	1 984	1 971	2	9	2	–	2	–	–
1950 to 1959	1 319	1 295	13	11	–	–	–	–	–
1940 to 1949	481	458	12	7	4	–	4	–	–
1939 or earlier	147	146	–	1	–	–	–	–	–
Not reported	389	360	7	2	20	19	–	1	–
Median	**1978**	**1976**	**1972**	**1979**	**1986**	**1986**	**1984**	**...**	**...**
First Time Owners									
First home ever owned	7 340	6 631	34	60	614	573	42	–	–
Not first home	6 783	5 599	28	30	1 126	1 066	55	5	1
Not reported	542	478	7	3	54	47	6	1	–
Purchase Price									
Home purchased or built	13 887	11 969	60	88	1 771	1 667	99	5	1
Less than $10,000	1 314	1 262	5	4	44	10	34	–	–
$10,000 to $19,999	2 402	2 316	14	13	60	41	19	–	–
$20,000 to $29,999	1 530	1 473	4	9	43	29	14	–	1
$30,000 to $39,999	1 314	1 245	2	11	56	52	4	–	–
$40,000 to $49,999	1 147	1 035	5	14	94	91	4	–	–
$50,000 to $59,999	947	840	–	10	97	95	3	–	–
$60,000 to $69,999	794	622	–	4	168	162	3	4	–
$70,000 to $79,999	614	452	5	4	153	153	–	–	–
$80,000 to $99,999	808	566	5	3	234	234	–	–	–
$100,000 to $119,999	498	302	5	1	191	187	4	–	–
$120,000 to $149,999	460	296	–	5	159	159	–	–	–
$150,000 to $199,999	464	294	3	2	165	165	–	–	–
$200,000 to $249,999	186	106	3	1	77	76	–	1	–
$250,000 to $299,999	112	74	4	2	32	32	–	–	–
$300,000 or more	207	131	–	3	74	74	–	–	–
Not reported	1 089	956	6	3	124	107	16	–	–
Median	**38 777**	**33 662**	**44 252**	**44 293**	**89 216**	**92 616**	**14 039**	**...**	**...**
Received as inheritance or gift	392	382	2	3	4	–	4	–	–
Not reported	386	358	7	2	20	19	–	1	–
Major Source of Down Payment									
Home purchased or built	13 887	11 969	60	88	1 771	1 667	99	5	1
Sale of previous home	3 637	2 936	20	10	671	649	17	5	–
Savings or cash on hand	7 582	6 699	28	62	793	729	63	–	1
Sale of other investment	94	81	–	1	12	12	–	–	–
Borrowing, other than mortgage on this property	425	381	–	5	39	39	–	–	–
Inheritance or gift	325	280	2	1	42	39	3	–	–
Land where building built used for financing	26	19	–	–	7	7	–	–	–
Other	571	504	1	2	63	62	2	–	–
No down payment	838	727	8	7	97	91	6	–	–
Not reported	390	342	–	1	47	38	8	–	–

[1]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 5-13. Mortgage Characteristics—In Central Cities—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**14 665**	**12 708**	**69**	**93**	**1 795**	**1 685**	**103**	**6**	**1**
Mortgages Currently on Property									
None, owned free and clear	5 762	5 357	30	20	355	279	73	2	1
With mortgage or land contract	8 904	7 351	39	73	1 440	1 406	30	4	–
One mortgage or land contract	7 420	6 059	30	63	1 269	1 239	30	–	–
Two mortgages	1 244	1 087	3	10	145	141	–	4	–
Three or more mortgages	28	18	–	–	9	9	–	–	–
Number of mortgages not reported	210	186	7	–	17	17	–	–	–
OWNERS WITH ONE OR MORE MORTGAGES									
Total	**8 904**	**7 351**	**39**	**73**	**1 440**	**1 406**	**30**	**4**	**–**
Type of Primary Mortgage									
FHA	1 935	1 620	–	6	309	302	6	–	–
VA	839	720	4	4	110	110	–	–	–
Farmers Home Administration	26	18	–	–	7	7	–	–	–
Other types	5 544	4 497	28	58	960	932	24	4	–
Don't know	235	209	–	4	22	22	–	–	–
Not reported	325	286	7	–	33	33	–	–	–
Lower Cost State and Local Mortgages									
State or local program used	998	845	–	8	144	144	–	–	–
Not used	7 583	6 217	35	64	1 268	1 233	30	4	–
Not reported	323	289	4	1	28	28	–	–	–
Mortgage Origination									
Placed new mortgage(s)	6 982	5 653	30	63	1 237	1 206	30	–	–
Primary obtained when property acquired	5 725	4 554	18	50	1 104	1 082	21	–	–
Obtained later	1 219	1 069	12	13	125	116	9	–	–
Date not reported	38	30	–	–	8	8	–	–	–
Assumed	578	510	–	1	67	67	–	–	–
Wrap-around	10	10	–	–	–	–	–	–	–
Combination of the above	1 031	906	3	9	113	109	–	4	–
Origin not reported	304	273	7	–	24	24	–	–	–
Payment Plan of Primary Mortgage									
Fixed payment, self amortizing	6 906	5 746	26	58	1 076	1 050	22	4	–
Adjustable rate mortgage	721	516	7	9	188	186	3	–	–
Adjustable term mortgage	14	14	–	–	–	–	–	–	–
Graduated payment mortgage	127	87	–	1	39	39	–	–	–
Balloon	63	47	–	–	15	15	–	–	–
Other	121	100	–	1	20	20	–	–	–
Combination of the above	51	44	–	–	7	7	–	–	–
Not reported	902	797	7	3	96	90	5	–	–
Payment Plan of Secondary Mortgage									
Units with two or more mortgages	1 273	1 106	3	10	154	150	–	4	–
Fixed payment, self amortizing	742	639	2	3	97	93	–	4	–
Adjustable rate mortgage	92	86	1	3	2	2	–	–	–
Adjustable term mortgage	20	18	–	–	2	2	–	–	–
Graduated payment mortgage	5	5	–	–	–	–	–	–	–
Balloon	11	11	–	–	–	–	–	–	–
Other	5	2	–	–	2	2	–	–	–
Combination of the above	45	37	–	2	5	5	–	–	–
Not reported	354	307	–	2	44	44	–	–	–
Lenders of Primary and Secondary Mortgages									
Only borrowed from firm(s)	7 644	6 216	32	66	1 330	1 304	21	4	–
Only borrowed from seller	231	213	–	4	15	10	5	–	–
Only borrowed from other individual(s)	97	72	–	–	25	21	4	–	–
Borrowed from a firm and seller	69	61	1	–	8	8	–	–	–
Borrowed from a firm and other individual	28	27	–	2	–	–	–	–	–
Borrowed from seller and other individual	–	–	–	–	–	–	–	–	–
One or both sources not reported	835	763	7	2	63	63	–	–	–
Items Included in Primary Mortgage Payment[1]									
Principal and interest only	2 221	1 874	15	17	315	294	20	–	–
Property taxes	5 957	4 841	18	50	1 048	1 034	10	4	–
Property insurance	5 158	4 198	13	34	912	903	10	–	–
Other	384	326	2	1	55	55	–	–	–
Not reported	510	450	7	6	48	48	–	–	–
Year Primary Mortgage Originated									
1990 to 1994	1 622	1 183	5	9	426	414	12	–	–
1985 to 1989	3 623	2 751	20	24	828	813	11	4	–
1980 to 1984	1 051	885	1	14	151	151	–	–	–
1975 to 1979	1 179	1 163	2	10	4	–	4	–	–
1970 to 1974	639	634	2	3	–	–	–	–	–
1960 to 1969	397	392	–	5	–	–	–	–	–
1950 to 1959	21	14	2	5	–	–	–	–	–
1949 or earlier	5	2	–	2	–	–	–	–	–
Not reported	367	328	7	1	31	28	4	–	–
Median	**1985**	**1984**	**...**	**1982**	**1987**	**1987**	**...**	**...**	**...**

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 5-13. Mortgage Characteristics—In Central Cities—Owner Occupied Units—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
OWNERS WITH ONE OR MORE MORTGAGES—Con.									
Term of Primary Mortgage at Origination or Assumption									
Less than 8 years	110	77	–	1	32	27	5	–	–
8 to 12 years	138	120	–	1	17	13	4	–	–
13 to 17 years	644	512	–	5	127	120	6	–	–
18 to 22 years	546	466	7	11	63	63	–	–	–
23 to 27 years	558	492	5	10	52	52	–	–	–
28 to 32 years	4 819	3 838	7	31	943	937	3	4	–
33 years or more	60	57	–	–	2	2	–	–	–
Variable	56	56	–	–	–	–	–	–	–
Not reported	1 973	1 733	21	14	204	192	13	–	–
Median	**29**	**29**	**...**	**28**	**30**	**30**	**...**	**...**	**...**
Remaining Years Mortgaged									
Less than 8 years	945	868	2	6	68	57	11	–	–
8 to 12	1 177	1 056	5	16	100	93	6	–	–
13 to 17	1 202	1 094	7	7	94	94	–	–	–
18 to 22	768	654	3	5	107	107	–	–	–
23 to 27	1 887	1 366	11	12	498	489	6	4	–
28 to 32	1 634	1 151	3	12	467	467	–	–	–
33 years or more	28	23	–	–	5	5	–	–	–
Variable	219	188	–	3	27	27	–	–	–
Not reported	1 043	950	9	10	74	66	7	–	–
Median	**21**	**19**	**...**	**18**	**26**	**26**	**...**	**...**	**...**
Current Interest Rate									
Less than 6 percent	224	196	–	1	27	27	–	–	–
6 to 7.9	351	328	2	4	17	17	–	–	–
8 to 9.9	2 251	1 770	4	14	463	459	4	–	–
10 to 11.9	1 543	1 183	5	13	342	336	6	–	–
12 to 13.9	207	158	2	3	44	41	3	–	–
14 to 15.9	43	33	–	1	9	9	–	–	–
16 to 17.9	15	12	–	1	2	2	–	–	–
18 to 19.9	8	5	–	1	2	2	–	–	–
20 percent or more	8	5	–	–	4	4	–	–	–
Not reported	4 253	3 662	26	35	530	508	18	4	–
Median	**9.1**	**9.0**	**...**	**9.6**	**9.3**	**9.3**	**...**	**...**	**...**
Total Outstanding Principal Amount									
Less than $10,000	475	442	2	7	23	20	3	–	–
$10,000 to $19,999	525	478	2	8	36	30	7	–	–
$20,000 to $29,999	578	543	2	5	28	28	–	–	–
$30,000 to $39,999	573	499	–	5	69	69	–	–	–
$40,000 to $49,999	514	422	2	2	88	88	–	–	–
$50,000 to $59,999	392	318	–	4	70	67	3	–	–
$60,000 to $69,999	340	240	2	1	97	97	–	–	–
$70,000 to $79,999	296	190	2	–	103	103	–	–	–
$80,000 to $99,999	322	201	–	–	122	122	–	–	–
$100,000 to $119,999	212	103	–	–	109	109	–	–	–
$120,000 to $149,999	168	116	–	2	50	50	–	–	–
$150,000 to $199,999	124	59	–	1	64	64	–	–	–
$200,000 to $249,999	50	27	–	1	22	22	–	–	–
$250,000 to $299,999	29	12	–	1	16	16	–	–	–
$300,000 or more	52	40	–	–	12	12	–	–	–
Not reported	4 253	3 662	26	35	530	508	18	4	–
Median	**43 402**	**37 650**	**...**	**27 084**	**74 176**	**74 779**	**...**	**...**	**...**
Current Total Loan as Percent of Value									
Less than 20 percent	760	710	4	7	39	39	–	–	–
20 to 39	673	613	5	13	43	43	–	–	–
40 to 59	826	662	–	7	158	155	3	–	–
60 to 79	1 166	832	2	2	330	326	3	–	–
80 to 89	611	432	–	2	177	174	3	–	–
90 to 99	411	292	–	2	118	118	–	–	–
100 percent or more	203	150	2	4	47	43	4	–	–
Not reported	4 253	3 662	26	35	530	508	18	4	–
Median	**61.1**	**55.8**	**...**	**38.6**	**73.1**	**73.0**	**...**	**...**	**...**

[1]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 5-14. Repairs, Improvements, and Alterations—In Central Cities—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	**14 665**	**12 708**	**69**	**93**	**1 795**	**1 685**	**103**	**6**	**1**
Repairs, Improvements, Alterations in Last 2 Years									
Roof replaced (all or part)	2 687	2 563	10	23	91	79	11	–	1
Mostly done by household	512	480	2	5	25	20	5	–	–
Mostly done by others	2 088	2 004	5	15	64	57	6	–	1
Workers not reported	87	80	3	2	2	2	–	–	–
Costing $500 or more	1 840	1 776	5	17	42	33	9	–	1
Costing less than $500	541	498	2	3	37	34	3	–	–
Cost not reported	306	289	3	2	13	13	–	–	–
Roof replacement not reported	277	238	7	–	32	30	–	1	–
Additions built	474	380	5	3	87	81	5	–	1
Mostly done by household	171	123	5	3	42	39	3	–	–
Mostly done by others	285	240	–	–	45	42	3	–	1
Workers not reported	17	17	–	–	–	–	–	–	–
Costing $500 or more	364	287	5	3	70	64	5	–	1
Costing less than $500	41	29	–	–	12	12	–	–	–
Cost not reported	68	63	–	–	5	5	–	–	–
Additions not reported	230	201	4	–	25	24	–	1	–
Kitchen remodeled or added	1 282	1 212	7	10	53	51	3	–	–
Mostly done by household	600	562	7	5	27	24	3	–	–
Mostly done by others	641	615	–	5	21	21	–	–	–
Workers not reported	40	35	–	–	5	5	–	–	–
Costing $500 or more	863	823	2	8	30	30	–	–	–
Costing less than $500	265	251	2	–	11	8	3	–	–
Cost not reported	154	138	2	2	12	12	–	–	–
Kitchen remodeled or added not reported	240	208	4	–	28	26	–	1	–
Bathroom remodeled or added	1 443	1 364	5	14	61	55	6	–	–
Mostly done by household	654	605	5	7	39	34	4	–	–
Mostly done by others	733	703	–	8	22	21	2	–	–
Workers not reported	56	56	–	–	–	–	–	–	–
Costing $500 or more	818	779	–	13	27	24	3	–	–
Costing less than $500	436	410	2	1	23	20	3	–	–
Cost not reported	189	175	2	1	11	11	–	–	–
Bathroom remodeled or added not reported	231	199	4	–	27	26	–	1	–
Siding replaced or added	795	734	5	5	52	48	4	–	–
Mostly done by household	211	189	2	4	16	12	4	–	–
Mostly done by others	543	510	2	1	29	29	–	–	–
Workers not reported	41	35	–	–	7	7	–	–	–
Costing $500 or more	482	461	5	2	14	12	2	–	–
Costing less than $500	201	178	–	1	22	19	3	–	–
Cost not reported	112	95	–	1	16	16	–	–	–
Siding replaced or added not reported	240	207	4	–	29	28	–	1	–
Storm doors/windows bought and installed	1 891	1 755	9	14	113	105	8	–	–
Mostly done by household	711	620	5	4	83	77	6	–	–
Mostly done by others	1 127	1 085	2	10	30	28	2	–	–
Workers not reported	53	50	3	–	–	–	–	–	–
Costing $500 or more	845	813	5	10	18	18	–	–	–
Costing less than $500	817	726	–	4	88	79	8	–	–
Cost not reported	229	216	5	1	7	7	–	–	–
Storm doors/windows bought and installed not reported	256	225	4	–	27	26	–	1	–
Major equipment replaced or added	1 599	1 486	7	9	97	81	15	–	–
Mostly done by household	277	253	–	–	24	20	4	–	–
Mostly done by others	1 285	1 205	2	8	70	59	11	–	–
Workers not reported	37	29	5	1	2	2	–	–	–
Costing $500 or more	1 174	1 104	5	6	59	44	15	–	–
Costing less than $500	300	270	–	1	30	30	–	–	–
Cost not reported	124	112	2	2	8	8	–	–	–
Major equipment replaced or added not reported	255	222	4	–	29	26	2	1	–
Insulation added	964	883	5	10	66	58	8	–	–
Mostly done by household	414	370	5	5	34	29	5	–	–
Mostly done by others	490	462	–	4	24	24	–	–	–
Workers not reported	60	51	–	1	8	5	3	–	–
Costing $500 or more	215	200	2	4	9	9	–	–	–
Costing less than $500	556	512	–	4	40	35	5	–	–
Cost not reported	192	170	2	2	17	14	3	–	–
Insulation added not reported	268	237	4	–	27	26	–	1	–
Other major work[1]	2 993	2 624	18	31	319	308	10	–	–
Mostly done by household	893	751	7	16	120	114	5	–	–
Mostly done by others	1 980	1 760	11	15	193	188	5	–	–
Workers not reported	119	113	–	–	6	6	–	–	–
Other major work not reported	247	215	4	–	27	26	–	1	–
Government Subsidy for Repairs									
Units with major repairs the last 2 years	7 636	6 910	33	60	633	593	40	–	1
Received low-interest loan or grant	230	215	–	2	13	13	–	–	–
No low-interest loan or grant	7 222	6 533	33	58	599	562	36	–	1
Not reported	184	163	–	–	21	18	4	–	–

[1]Includes other major repairs, alterations, or improvements totaling over $500 each.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 6-1. Introductory Characteristics—Suburbs—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**43 495**	**31 960**	**363**	**88**	**11 084**	**9 565**	**1 380**	**96**	**43**
Tenure									
Owner occupied	31 382	23 240	117	58	7 966	6 879	1 054	28	5
Percent of all occupied	72.2	72.7	32.4	65.4	71.9	71.9	76.3	29.4	11.9
Renter occupied	12 113	8 720	245	31	3 118	2 686	326	68	38
Race and Origin									
White	39 464	29 015	328	81	10 040	8 618	1 287	93	42
Non-Hispanic	37 286	27 352	301	74	9 560	8 201	1 234	83	42
Hispanic	2 177	1 662	28	7	480	417	52	11	–
Black	2 729	2 034	22	6	667	591	73	3	1
Other	1 302	911	13	1	377	356	21	–	–
Total Hispanic	2 359	1 810	28	7	514	451	53	11	–
Units in Structure									
1, detached	29 400	23 804	–	61	5 536	5 349	94	56	36
1, attached	2 574	1 590	–	1	982	970	6	6	–
2 to 4	3 048	2 188	356	16	488	467	–	19	2
5 to 9	1 759	1 197	7	5	550	541	–	8	–
10 to 19	1 748	1 077	–	2	669	664	–	1	4
20 to 49	1 106	741	–	–	365	364	–	2	–
50 or more	969	695	–	2	271	267	–	4	–
Mobile home or trailer	2 891	667	–	1	2 222	943	1 279	–	–
Cooperatives and Condominiums									
Cooperatives	186	149	–	–	37	27	11	–	–
Condominiums	2 068	1 194	2	2	870	870	–	–	–
Year Structure Built[1]									
1990 to 1994	1 254	–	–	–	1 254	1 254	–	–	–
1985 to 1989	4 847	–	–	–	4 847	4 847	–	–	–
1980 to 1984	3 692	196	–	–	3 496	3 464	28	–	4
1975 to 1979	5 528	4 951	17	7	553	–	510	29	15
1970 to 1974	5 124	4 631	21	9	463	–	442	3	19
1960 to 1969	7 803	7 435	39	9	320	–	307	8	5
1950 to 1959	6 491	6 299	110	11	71	–	59	11	–
1940 to 1949	3 010	2 934	40	14	22	–	19	3	–
1930 to 1939	1 944	1 777	119	33	14	–	3	11	–
1920 to 1929	1 409	1 390	10	–	9	–	2	7	–
1919 or earlier	2 393	2 347	7	4	34	–	11	23	–
Median	**1968**	**1962**	**1950**	**1945**	**1985**	**1986**	**1973**	**1952**	**...**
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	43 495	31 960	363	88	11 084	9 565	1 380	96	43
In central cities	...	...	...	...	...	...	...	...	...
Suburbs	43 495	31 960	363	88	11 084	9 565	1 380	96	43
Outside metropolitan statistical areas	...	...	...	...	...	...	...	...	...
Regions									
Northeast	10 409	8 549	151	41	1 669	1 438	196	28	7
Midwest	9 522	7 738	80	19	1 686	1 550	120	13	3
South	14 172	8 911	64	10	5 186	4 324	820	38	4
West	9 391	6 762	68	19	2 543	2 253	244	17	28
Urbanized Areas									
Inside urbanized areas	28 944	23 027	226	60	5 631	5 212	359	30	30
In central cities of (P)MSA's	...	...	...	...	...	...	...	...	...
Urban fringe	28 944	23 027	226	60	5 631	5 212	359	30	30
Outside urbanized areas	14 551	8 933	136	29	5 453	4 353	1 021	66	13
Other urban	3 473	2 515	47	16	894	826	58	11	–
Rural	11 078	6 419	89	12	4 559	3 527	964	55	13
Place Size[2]									
Less than 2,500 persons	1 654	1 389	25	3	237	158	69	10	–
2,500 to 9,999 persons	5 945	4 952	80	19	894	779	111	4	–
10,000 to 19,999 persons	5 808	4 914	52	21	821	729	78	9	4
20,000 to 49,999 persons	7 983	6 677	88	20	1 198	1 132	55	12	–
50,000 to 99,999 persons	4 081	3 501	18	5	557	487	36	10	24
100,000 to 249,999 persons	1 187	973	7	4	203	194	9	1	–
250,000 to 499,999 persons	6	2	–	–	5	5	–	–	–
500,000 to 999,999 persons	8	6	–	–	2	2	–	–	–
1,000,000 persons or more	–	–	–	–	–	–	–	–	–

[1]For mobile home, oldest category is 1939 or earlier.
[2]Figures will not add to total, because all units are not in Places.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 6-2. Height and Condition of Building—Suburbs—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**43 495**	**31 960**	**363**	**88**	**11 084**	**9 565**	**1 380**	**96**	**43**
Stories in Structure									
1	928	619	60	6	244	236	–	5	2
2	3 501	2 171	155	8	1 167	1 158	–	4	4
3	2 765	1 975	122	6	662	642	–	20	–
4 to 6	1 061	833	20	3	205	200	–	4	–
7 or more	367	298	–	2	67	67	–	–	–
Not reported	7	2	6	–	–	–	–	–	–
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	7 694	5 278	297	20	2 100	2 067	–	28	4
None (on same floor)	2 904	1 900	174	11	818	810	–	8	–
1 (up or down)	2 266	1 623	75	6	562	553	–	5	4
2 or more (up or down)	1 637	1 142	8	3	485	477	–	8	–
Not reported	888	612	40	–	235	228	–	7	–
Common Stairways									
Multiunits, 2 or more floors	7 694	5 278	297	20	2 100	2 067	–	28	4
No common stairways	1 594	1 014	158	8	414	407	–	7	–
With common stairways	5 251	3 682	98	12	1 460	1 440	–	15	4
No loose steps	4 975	3 480	83	12	1 399	1 381	–	14	4
Railings not loose	4 576	3 191	65	12	1 308	1 290	–	14	4
Railings loose	145	98	–	–	47	47	–	–	–
No railings	197	153	17	–	27	27	–	–	–
Status of railings not reported	57	38	2	–	17	17	–	–	–
Loose steps	265	192	15	–	58	57	–	1	–
Railings not loose	195	135	5	–	55	55	–	–	–
Railings loose	40	32	7	–	–	–	–	–	–
No railings	18	17	1	–	1	–	–	1	–
Status of railings not reported	12	9	1	–	2	2	–	–	–
Status of steps not reported	12	10	–	–	2	2	–	–	–
Status of stairways not reported	849	581	41	–	226	220	–	6	–
Light Fixtures in Public Halls									
2 or more units in structure	8 623	5 897	357	25	2 343	2 303	–	34	7
No public halls	3 341	2 097	260	14	971	949	–	15	7
No light fixtures in public halls	24	20	–	–	3	2	–	1	–
All in working order	2 961	2 147	27	5	782	777	–	5	–
Some in working order	107	96	4	1	6	6	–	–	–
None in working order	8	6	2	–	–	–	–	–	–
Unable to determine if working	1 194	846	20	6	323	316	–	7	–
Not reported	987	684	44	–	259	253	–	6	–
Elevator on Floor									
Multiunits, 2 or more floors	7 694	5 278	297	20	2 100	2 067	–	28	4
With 1 or more elevators working	921	644	–	2	275	275	–	–	–
With elevator, none in working condition	55	42	–	–	13	13	–	–	–
No elevator	5 855	3 993	257	17	1 588	1 561	–	22	4
Units 3 or more floors from main entrance	203	140	–	–	62	58	–	4	–
Not reported	864	599	40	–	224	219	–	6	–
Foundation									
1 unit bldg. excl. mobile homes	31 974	25 394	–	62	6 518	6 319	101	62	36
With basement under all of building	11 832	9 855	–	26	1 951	1 902	30	9	10
With basement under part of building	3 864	3 326	–	18	520	516	2	–	2
With crawl space	6 674	5 609	–	8	1 056	1 000	43	13	–
On concrete slab	8 999	6 128	–	9	2 862	2 803	25	33	–
Other	572	475	–	1	96	92	–	4	–
Not reported	33	–	–	–	33	7	–	2	24
External Building Conditions[1]									
Sagging roof	12	12	–	–	–	–	–	–	–
Missing roofing material	25	20	3	–	2	2	–	–	–
Hole in roof	5	5	–	–	–	–	–	–	–
Could not see roof	621	520	17	–	83	82	–	1	–
Missing bricks, siding, other outside wall material	52	43	6	–	2	2	–	–	–
Sloping outside walls	5	4	–	–	–	–	–	–	–
Boarded up windows	16	16	–	–	–	–	–	–	–
Broken windows	33	28	2	2	–	–	–	–	–
Bars on windows	39	29	5	–	5	5	–	–	–
Foundation crumbling or has open crack or hole	47	41	3	1	2	2	–	–	–
Could not see foundation	234	193	5	–	37	37	–	–	–
None of the above	6 663	4 440	274	22	1 927	1 894	–	27	7
Could not observe or not reported	1 181	808	52	–	321	314	–	7	–
Site Placement									
Mobile homes	2 891	667	–	1	2 222	943	1 279	–	–
First site	1 616	429	–	–	1 186	670	517	–	–
Moved from another site	753	110	–	–	642	196	447	–	–
Don't know	452	112	–	–	340	55	285	–	–
Not reported	70	16	–	–	53	22	31	–	–
Previous Occupancy									
Unit built 1980 or later	9 793	196	–	–	9 597	9 565	28	–	4
Not previously occupied	5 267	54	–	–	5 213	5 201	12	–	–
Not reported	980	66	–	–	914	908	3	–	4

[1]Figures may not add to total because more than one category may apply.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 6-3. Size of Unit and Lot—Suburbs—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**43 495**	**31 960**	**363**	**88**	**11 084**	**9 565**	**1 380**	**96**	**43**
Rooms									
1 room	140	93	13	–	34	7	–	3	24
2 rooms	248	178	20	–	50	33	6	11	–
3 rooms	2 665	1 906	82	4	673	578	62	25	9
4 rooms	7 201	4 620	90	15	2 476	1 808	643	25	–
5 rooms	9 511	6 953	71	5	2 482	2 051	425	3	3
6 rooms	9 344	7 195	48	19	2 082	1 896	164	15	7
7 rooms	6 574	5 220	22	12	1 319	1 276	43	–	–
8 rooms	4 453	3 340	10	16	1 086	1 061	18	7	–
9 rooms	1 960	1 446	4	4	506	489	17	–	–
10 rooms or more	1 399	1 008	4	12	375	366	1	7	–
Median	**5.7**	**5.8**	**4.2**	**6.6**	**5.4**	**5.7**	**4.5**	**3.9**	**...**
Bedrooms									
None	282	210	17	–	55	16	4	11	24
1	3 955	2 815	130	9	1 001	851	100	41	9
2	12 588	8 726	130	16	3 717	2 905	799	13	–
3	18 696	14 070	72	31	4 522	4 044	452	16	10
4 or more	7 974	6 139	14	32	1 789	1 749	25	15	–
Median	**2.8**	**2.8**	**1.8**	**3.1**	**2.7**	**2.7**	**2.2**	**1.4**	**...**
Complete Bathrooms									
None	138	107	5	1	26	12	7	7	–
1	16 577	13 445	290	25	2 816	1 936	785	63	33
1 and one-half	7 507	6 263	27	9	1 208	992	215	–	–
2 or more	19 273	12 144	42	53	7 034	6 625	373	26	10
Square Footage of Unit									
Single detached and mobile homes	32 291	24 471	–	62	7 758	6 292	1 373	56	36
Less than 500	353	186	–	–	167	33	127	4	2
500 to 749	1 165	747	–	–	418	53	359	6	–
750 to 999	2 534	1 600	–	3	931	485	439	7	–
1,000 to 1,499	7 011	5 414	–	8	1 589	1 337	236	13	3
1,500 to 1,999	6 883	5 507	–	8	1 368	1 322	46	–	–
2,000 to 2,499	5 124	4 069	–	3	1 052	1 008	37	–	7
2,500 to 2,999	2 845	2 220	–	3	622	607	5	10	–
3,000 to 3,999	2 685	2 046	–	5	634	623	12	–	–
4,000 or more	1 455	1 104	–	3	348	338	7	4	–
Not reported	2 237	1 578	–	29	629	488	106	12	24
Median	**1 788**	**1 818**	**...**	**1 859**	**1 668**	**1 876**	**834**	**...**	**...**
Lot Size									
Less than one-eighth acre	2 996	2 193	–	11	792	558	234	–	–
One-eighth up to one-quarter acre	6 587	5 356	–	11	1 220	1 124	93	3	–
One-quarter up to one-half acre	5 742	4 424	–	10	1 309	1 221	87	–	–
One-half up to one acre	4 097	3 111	–	6	980	830	140	10	–
1 to 4 acres	5 067	3 527	–	11	1 529	1 252	257	17	3
5 to 9 acres	824	499	–	1	325	228	90	–	7
10 acres or more	1 155	831	–	1	323	257	57	7	2
Don't know	7 474	5 644	–	13	1 817	1 412	385	20	–
Not reported	922	476	–	–	446	379	38	5	24
Median	**.41**	**.39**	**...**	**.34**	**.48**	**.47**	**.73**	**2.21**	**...**
Persons Per Room									
0.50 or less	29 731	22 092	245	57	7 337	6 420	849	54	15
0.51 to 1.00	12 831	9 190	111	28	3 503	3 008	456	31	7
1.01 to 1.50	777	561	7	3	205	124	72	10	–
1.51 or more	155	117	–	–	38	14	4	1	20
Square Feet Per Person									
Single detached and mobile homes	32 291	24 471	–	62	7 758	6 292	1 373	56	36
Less than 200	879	576	–	–	303	105	191	7	–
200 to 299	2 123	1 485	–	1	637	389	237	8	2
300 to 399	3 161	2 212	–	6	943	708	227	7	–
400 to 499	3 355	2 464	–	5	886	724	160	–	3
500 to 599	3 015	2 288	–	5	722	640	82	–	–
600 to 699	3 022	2 331	–	4	687	603	77	–	7
700 to 799	2 492	1 873	–	2	616	513	94	10	–
800 to 899	1 927	1 475	–	2	451	406	45	–	–
900 to 999	1 680	1 260	–	–	420	345	66	8	–
1,000 to 1,499	4 716	3 816	–	5	895	830	61	4	–
1,500 or more	3 684	3 112	–	3	570	541	29	–	–
Not reported	2 237	1 578	–	29	629	488	106	12	24
Median	**683**	**705**	**...**	**581**	**611**	**656**	**390**	**...**	**...**

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 6-4. Selected Equipment and Plumbing—Suburbs—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**43 495**	**31 960**	**363**	**88**	**11 084**	**9 565**	**1 380**	**96**	**43**
Equipment[1]									
Lacking complete kitchen facilities	292	177	16	–	99	62	6	5	26
With complete kitchen (sink, refrigerator and burners)	43 203	31 783	347	88	10 985	9 503	1 374	91	17
Kitchen sink	43 333	31 874	354	88	11 017	9 529	1 378	91	19
Refrigerator	43 414	31 919	358	88	11 049	9 557	1 378	95	19
Less than 5 years old	16 322	10 709	129	37	5 448	4 937	469	40	3
Age not reported	722	475	6	–	241	227	11	2	–
Burners and oven	43 336	31 864	352	88	11 032	9 546	1 378	91	17
Less than 5 years old	13 204	7 777	101	29	5 297	4 932	324	39	3
Age not reported	896	556	7	1	332	297	31	2	1
Burners only	36	32	–	–	5	5	–	–	–
Less than 5 years old	12	10	–	–	2	2	–	–	–
Age not reported	7	7	–	–	–	–	–	–	–
Oven only	37	19	5	–	13	8	2	1	2
Less than 5 years old	13	7	2	–	3	2	–	1	–
Age not reported	–	–	–	–	–	–	–	–	–
Neither burners nor oven	85	45	6	–	34	7	–	4	24
Dishwasher	26 575	18 032	108	40	8 395	8 012	334	37	13
Less than 5 years old	10 444	5 864	28	17	4 535	4 398	100	34	3
Age not reported	586	308	6	–	272	269	4	–	–
Washing machine	35 832	26 158	204	76	9 394	8 321	1 011	51	10
Less than 5 years old	13 654	8 932	96	26	4 599	4 177	389	31	3
Age not reported	343	224	–	–	120	111	9	–	–
Clothes dryer	33 782	24 459	184	64	9 075	8 147	867	51	10
Less than 5 years old	11 602	7 226	57	18	4 301	3 978	295	26	3
Age not reported	335	211	–	–	124	106	18	–	–
Disposal in kitchen sink	20 844	14 003	53	25	6 764	6 580	161	16	7
Less than 5 years old	8 704	4 772	15	14	3 902	3 826	61	16	–
Age not reported	782	507	2	–	273	269	3	–	–
Air conditioning:									
Central	21 523	13 608	52	16	7 846	7 310	481	29	26
1 room unit	6 849	5 692	92	17	1 049	597	415	37	–
2 room units	3 103	2 680	25	13	385	216	163	1	4
3 room units or more	1 233	1 167	16	6	44	30	13	–	–
Main Heating Equipment									
Warm-air furnace	24 849	18 033	163	37	6 617	5 702	873	19	24
Steam or hot water system	5 913	5 297	103	34	478	445	11	15	7
Electric heat pump	4 263	2 089	11	1	2 163	2 058	96	8	–
Built-in electric units	2 849	2 027	24	–	797	744	38	11	4
Floor, wall, or other built-in hot air units without ducts	1 716	1 566	20	1	130	87	36	4	2
Room heaters with flue	840	712	6	5	117	40	64	8	5
Room heaters without flue	523	429	2	2	90	22	61	7	–
Portable electric heaters	346	246	6	–	94	17	73	4	–
Stoves	892	607	9	2	274	186	70	17	–
Fireplaces with inserts	259	182	2	–	75	75	–	–	–
Fireplaces without inserts	238	173	–	3	62	55	7	–	–
Other	373	275	4	2	92	67	25	–	–
None	432	323	12	1	95	67	25	3	–
Other Heating Equipment									
With other heating equipment[1]	13 302	9 755	77	27	3 443	3 094	330	11	7
Warm-air furnace	627	386	4	3	234	158	66	10	–
Steam or hot water system	57	51	–	–	6	6	–	–	–
Electric heat pump	172	113	–	1	58	52	5	–	–
Built-in electric units	995	824	12	6	154	142	12	–	–
Floor, wall, or other built-in hot-air units without ducts	181	155	2	1	23	21	2	–	–
Room heaters with flue	375	287	9	–	79	58	22	–	–
Room heaters without flue	786	637	3	2	143	96	45	1	–
Portable electric heaters	2 566	2 143	18	6	399	304	96	–	–
Stoves	1 480	1 173	10	3	294	233	61	–	–
Fireplaces with inserts	2 072	1 450	4	5	613	589	17	–	7
Fireplaces with no inserts	5 325	3 648	23	7	1 647	1 624	23	–	–
Other	356	270	1	1	84	77	7	–	–
Plumbing[2]									
With all plumbing facilities	42 591	31 341	348	85	10 818	9 357	1 337	89	35
Lacking some plumbing facilities[1]	51	41	2	–	8	2	4	3	–
No hot piped water	9	6	–	–	3	–	–	3	–
No bathtub nor shower	42	36	2	–	4	2	–	3	–
No flush toilet	17	14	–	–	4	–	4	–	–
No plumbing facilities for exclusive use	853	578	13	3	258	207	40	4	7
Source of Water									
Public system or private company	37 171	27 582	307	79	9 203	8 166	928	74	34
Well serving 1 to 5 units	5 670	3 901	40	7	1 722	1 284	413	17	7
Drilled	4 996	3 404	35	5	1 552	1 178	357	17	–
Dug	449	323	5	1	121	74	39	–	7
Not reported	224	174	–	2	49	33	17	–	–
Other	654	477	16	3	159	115	39	4	1

SECTION A. **1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS**

Table 6-4. **Selected Equipment and Plumbing—Suburbs—Occupied Units**—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Means of Sewage Disposal									
Public sewer	32 587	24 472	244	75	7 797	7 165	554	48	30
Septic tank, cesspool, chemical toilet	10 870	7 459	119	13	3 279	2 397	823	47	13
Other	37	29	–	–	8	3	4	1	–

[1]Figures may not add to total because more than one category may apply to a unit.
[2]Data not up to publication standards; see "Qualifications of the Data" section in the Introduction.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 6-5. Fuels—Suburbs—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**43 495**	**31 960**	**363**	**88**	**11 084**	**9 565**	**1 380**	**96**	**43**
Main House Heating Fuel									
Housing units with heating fuel	43 063	31 637	350	87	10 989	9 498	1 355	93	43
Electricity	11 659	6 670	60	4	4 924	4 466	427	27	4
Piped gas	22 374	17 861	181	46	4 285	3 856	369	33	28
Bottled gas	1 359	760	4	3	592	352	229	1	10
Fuel oil	5 456	4 849	92	26	489	378	99	12	–
Kerosene or other liquid fuel	416	222	–	4	190	56	134	–	–
Coal or coke	137	108	–	–	30	20	9	1	–
Wood	1 526	1 080	13	4	429	334	79	16	–
Solar energy	13	8	–	–	5	5	–	–	–
Other	122	78	–	–	43	30	10	3	–
Other House Heating Fuels									
With other heating fuels[1]	8 358	6 255	49	23	2 031	1 725	288	11	7
Electricity	2 466	1 972	17	13	464	339	116	10	–
Piped gas	362	258	2	1	102	83	18	–	–
Bottled gas	174	114	2	–	58	40	19	–	–
Fuel oil	249	216	2	1	31	23	6	1	–
Kerosene or other liquid fuel	657	515	8	1	134	96	37	–	–
Coal or coke	121	99	2	–	21	19	2	–	–
Wood	4 488	3 235	15	8	1 230	1 135	87	–	7
Solar energy	109	83	2	–	23	14	10	–	–
Other	146	108	–	–	38	33	5	–	–
Not reported	373	228	2	–	143	109	35	–	–
Cooking Fuel									
With cooking fuel	43 410	31 915	357	88	11 049	9 559	1 380	92	19
Electricity	26 709	18 796	207	38	7 668	6 990	608	55	14
Piped gas	14 703	11 967	126	42	2 568	2 162	367	36	2
Bottled gas	1 826	1 044	23	8	750	382	366	–	2
Kerosene or other liquid fuel	84	60	–	–	24	7	17	–	–
Coal or coke	2	2	–	–	–	–	–	–	–
Wood	13	12	–	–	1	1	–	–	–
Other	71	33	–	–	37	16	21	–	–
Water Heating Fuel									
With hot piped water	43 450	31 926	360	88	11 077	9 562	1 380	91	43
Electricity	16 005	10 055	118	14	5 819	4 892	874	49	4
Piped gas	23 133	18 451	184	52	4 447	4 084	296	39	28
Bottled gas	1 146	691	8	4	443	276	155	1	10
Fuel oil	2 734	2 420	51	17	246	212	32	2	–
Kerosene or other liquid fuel	84	44	–	–	39	20	19	–	–
Coal or coke	16	10	–	–	6	6	–	–	–
Wood	22	18	–	1	3	3	–	–	–
Solar energy	170	144	–	1	26	26	–	–	–
Other	141	93	–	–	48	43	4	–	–
Central Air Conditioning Fuel									
With central air conditioning	21 523	13 608	52	16	7 846	7 310	481	29	26
Electricity	20 045	12 519	52	14	7 460	6 942	464	29	26
Piped gas	1 358	994	–	3	362	344	18	–	–
Other	119	95	–	–	24	24	–	–	–
Clothes Dryer Fuel									
With clothes dryer	33 782	24 459	184	64	9 075	8 147	867	51	10
Electricity	24 606	17 041	127	44	7 394	6 558	793	43	–
Piped gas	8 735	7 127	52	17	1 539	1 470	53	8	7
Other	440	291	4	3	142	118	21	–	3
Units Using Each Fuel[1]									
Electricity	43 482	31 951	363	88	11 081	9 562	1 380	96	43
All-electric units	9 508	5 247	49	3	4 209	3 889	294	21	4
Piped gas	26 370	21 022	205	60	5 083	4 551	455	49	28
Bottled gas	2 828	1 732	28	10	1 058	580	463	4	10
Fuel oil	6 381	5 601	104	27	650	470	160	20	–
Kerosene or other liquid fuel	1 138	783	8	5	342	160	182	–	–
Coal or coke	264	211	2	–	51	39	11	1	–
Wood	6 016	4 317	28	12	1 659	1 470	166	16	7
Solar energy	284	228	2	1	53	43	10	–	–
Other	414	279	–	–	134	99	33	3	–

[1]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 6-6. Failures in Equipment—Suburbs—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**43 495**	**31 960**	**363**	**88**	**11 084**	**9 565**	**1 380**	**96**	**43**
Water Supply Stoppage									
With hot and cold piped water	43 450	31 926	360	88	11 077	9 562	1 380	91	43
No stoppage in last 3 months	41 083	30 228	336	84	10 436	9 066	1 250	84	35
With stoppage in last 3 months	1 951	1 427	24	3	498	387	99	4	7
No stoppage lasting 6 hours or more	754	564	13	–	177	135	38	4	–
1 time lasting 6 hours or more	827	580	6	2	239	182	49	–	7
2 times	141	111	3	–	27	18	8	–	–
3 times	66	42	–	–	24	21	2	–	–
4 times or more	51	38	2	–	11	11	–	–	–
Number of times not reported	113	91	–	1	21	19	2	–	–
Stoppage not reported	416	271	–	1	143	110	30	3	–
Flush Toilet Breakdowns									
With one or more flush toilets	43 442	31 918	360	88	11 076	9 562	1 376	94	43
With at least one working toilet at all times in last 3 months	41 353	30 316	337	86	10 614	9 203	1 292	89	30
None working some time in last 3 months	1 900	1 467	21	1	410	315	79	3	13
No breakdowns lasting 6 hours or more	606	439	9	–	157	110	34	3	10
1 time lasting 6 hours or more	865	706	7	1	152	123	27	–	3
2 times	165	128	2	–	35	26	9	–	–
3 times	40	30	–	–	10	8	2	–	–
4 times or more	42	39	–	–	3	2	–	–	–
Number of times not reported	182	125	2	1	54	47	7	–	–
Breakdowns not reported	189	135	1	1	51	44	5	2	–
Sewage Disposal Breakdowns									
With public sewer	32 587	24 472	244	75	7 797	7 165	554	48	30
No breakdowns in last 3 months	32 152	24 114	241	75	7 722	7 108	536	48	30
With breakdowns in last 3 months	435	358	2	–	75	57	18	–	–
No breakdowns lasting 6 hours or more	159	139	–	–	19	19	1	–	–
1 time lasting 6 hours or more	222	174	2	–	46	31	15	–	–
2 times	20	12	–	–	8	8	–	–	–
3 times	20	18	–	–	2	–	2	–	–
4 times or more	15	15	–	–	–	–	–	–	–
With septic tank or cesspool	10 870	7 459	119	13	3 279	2 397	823	47	13
No breakdowns in last 3 months	10 623	7 268	116	13	3 226	2 360	807	47	13
With breakdowns in last 3 months	247	191	3	–	53	37	16	–	–
No breakdowns lasting 6 hours or more	81	70	1	–	10	7	3	–	–
1 time lasting 6 hours or more	137	106	2	–	29	21	8	–	–
2 times	13	8	–	–	5	2	3	–	–
3 times	8	–	–	–	8	6	2	–	–
4 times or more	8	7	–	–	2	2	–	–	–
Heating Problems									
With heating equipment and occupied last winter	38 939	29 155	304	82	9 399	8 099	1 187	76	38
Not uncomfortably cold for 24 hours or more last winter	36 508	27 302	266	74	8 866	7 683	1 082	71	30
Uncomfortably cold for 24 hours or more last winter[1]	2 340	1 788	38	7	507	397	100	3	7
Equipment breakdowns	709	547	5	2	155	109	43	3	–
No breakdowns lasting 6 hours or more	54	43	–	–	11	5	6	–	–
1 time lasting 6 hours or more	440	328	–	2	109	85	22	3	–
2 times	92	74	2	–	16	13	3	–	–
3 times	45	40	–	–	5	5	–	–	–
4 times or more	51	38	2	–	11	2	9	–	–
Number of times not reported	27	23	–	–	3	–	3	–	–
Other causes	1 721	1 308	33	7	372	302	60	3	7
Utility interruption	584	430	6	1	147	123	16	–	7
Inadequate heating capacity	298	230	8	–	60	48	9	3	–
Inadequate insulation	217	168	5	4	40	33	7	–	–
Other	557	434	10	3	110	86	24	–	–
Not reported	64	46	4	–	14	11	3	–	–
Reason for discomfort not reported	9	9	–	–	–	–	–	–	–
Discomfort not reported	91	65	–	–	26	19	5	2	–
Electric Fuses and Circuit Breakers									
With electrical wiring	43 485	31 953	363	88	11 081	9 562	1 380	96	43
No fuses or breakers blown in last 3 mo.	37 285	27 102	309	73	9 800	8 499	1 171	87	43
With fuses or breakers blown in last 3 mo.	5 764	4 550	53	14	1 147	947	198	2	–
1 time	2 934	2 283	24	4	624	508	116	–	–
2 times	1 270	1 036	13	7	214	192	22	–	–
3 times	465	367	4	2	91	75	16	–	–
4 times or more	739	592	7	–	140	100	37	2	–
Number of times not reported	356	272	5	–	79	71	8	–	–
Problem not reported or don't know	436	301	–	1	134	116	11	6	–

[1]Other causes and equipment breakdowns may not add to total as both may be reported.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 6-7. Additional Indicators of Housing Quality—Suburbs—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**43 495**	**31 960**	**363**	**88**	**11 084**	**9 565**	**1 380**	**96**	**43**
Selected Amenities[1]									
Porch, deck, balcony, or patio	35 176	25 468	245	64	9 399	8 346	976	52	25
Not reported	77	56	1	–	20	13	6	–	–
Telephone available	41 700	30 679	319	86	10 616	9 232	1 250	92	43
Usable fireplace	16 620	11 721	64	28	4 808	4 690	94	16	7
Separate dining room	21 625	16 196	112	45	5 271	4 964	271	29	7
With 2 or more living rooms or recreation rooms, etc.	16 566	12 666	68	43	3 788	3 591	176	20	–
Garage or carport included with home	28 430	21 529	132	52	6 717	6 357	313	35	13
Not included	14 994	10 379	231	36	4 348	3 190	1 067	61	30
Offstreet parking included	12 933	8 749	177	27	3 980	2 951	946	53	30
Offstreet parking not reported	125	97	2	–	26	13	13	1	–
Garage or carport not reported	71	52	–	–	18	18	–	–	–
Cars and Trucks Available[1]									
No cars, trucks, or vans	2 459	1 912	43	7	497	292	168	12	24
Other households without cars	2 101	1 483	33	6	579	441	123	12	2
1 car with or without trucks or vans	20 308	14 800	200	30	5 278	4 465	757	42	14
2 cars	14 408	10 469	67	31	3 841	3 525	297	18	–
3 or more cars	4 219	3 296	20	14	889	841	34	11	3
With cars, no trucks or vans	25 691	19 027	219	53	6 392	5 688	638	50	16
1 truck or van with or without cars	12 576	8 991	93	25	3 466	2 992	443	27	4
2 or more trucks or vans	2 769	2 030	8	3	728	593	130	6	–
Owner or Manager on Property									
Rental, multiunit[2]	8 630	5 899	363	25	2 343	2 303	–	34	7
Owner or manager lives on property	2 997	1 990	96	5	906	876	–	23	7
Neither owner nor manager lives on property	4 091	2 926	128	10	1 027	1 018	–	9	–
Not reported	1 542	983	139	10	410	409	–	1	–
Selected Deficiencies[1]									
Signs of rats in last 3 months	974	724	15	3	232	131	99	2	–
Holes in floors	342	257	3	2	79	30	49	–	–
Open cracks or holes (interior)	1 615	1 324	20	3	268	176	89	3	–
Broken plaster or peeling paint (interior)	1 179	1 036	18	5	120	84	36	–	–
No electrical wiring	10	7	–	–	3	3	–	–	–
Exposed wiring	520	425	11	1	84	49	29	2	4
Rooms without electric outlets	583	474	6	1	103	56	44	3	–
Water Leakage During Last 12 Months									
No leakage from inside structure	38 894	28 492	333	77	9 992	8 642	1 221	92	38
With leakage from inside structure[1]	4 522	3 413	29	12	1 068	902	159	2	5
Fixtures backed up or overflowed	1 516	1 150	5	5	354	300	54	–	–
Pipes leaked	2 028	1 574	20	5	429	334	88	2	5
Other or unknown (includes not reported)	1 119	802	4	1	313	282	31	–	–
Interior leakage not reported	79	55	–	–	24	22	–	2	–
No leakage from outside structure	36 665	26 683	302	66	9 615	8 386	1 108	85	35
With leakage from outside structure[1]	6 704	5 195	57	22	1 430	1 144	270	8	7
Roof	2 681	2 013	26	11	631	423	196	4	7
Basement	2 410	2 146	14	6	244	236	–	1	7
Walls, closed windows, or doors	1 138	693	11	3	431	343	78	3	7
Other or unknown (includes not reported)	835	596	6	2	231	209	21	–	–
Exterior leakage not reported	126	82	4	1	39	35	2	2	–
Overall Opinion of Structure									
1 (worst)	180	142	2	–	36	30	5	–	–
2	130	99	2	–	29	15	14	–	–
3	220	170	4	–	46	30	15	–	–
4	401	299	6	–	96	58	34	4	–
5	2 385	1 815	29	6	535	328	188	15	4
6	1 814	1 415	30	4	365	268	85	11	–
7	4 562	3 489	53	10	1 011	846	151	9	5
8	10 520	7 983	82	26	2 428	2 084	324	7	14
9	6 997	5 052	53	12	1 880	1 728	143	8	1
10 (best)	16 000	11 264	100	31	4 605	4 137	411	39	19
Not reported	285	231	2	–	52	40	10	2	–
Selected Physical Problems									
Severe physical problems[1]	1 066	744	19	3	299	216	69	7	7
Plumbing	904	619	15	3	266	209	43	7	7
Heating	96	79	2	–	15	6	9	–	–
Electric	20	17	–	–	3	3	–	–	–
Upkeep	71	52	2	–	16	–	16	–	–
Hallways	–	–	–	–	–	–	–	–	–
Moderate physical problems[1]	1 283	1 006	25	4	248	111	103	8	26
Plumbing	80	68	–	–	12	10	2	–	–
Heating	495	404	2	2	87	21	59	7	–
Upkeep	531	445	9	2	74	36	38	–	–
Hallways	9	5	4	–	–	–	–	–	–
Kitchen	217	125	9	–	83	50	6	1	26

[1]Figures may not add to total because more than one category may apply to a unit.
[2]Two or more units of any tenure in the structure.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 6-8. Neighborhood—Suburbs—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**43 495**	**31 960**	**363**	**88**	**11 084**	**9 565**	**1 380**	**96**	**43**
Overall Opinion of Neighborhood									
1 (worst)	441	339	6	1	95	51	36	1	7
2	243	197	2	1	43	30	13	–	–
3	372	291	–	1	80	64	14	2	–
4	587	422	7	1	157	108	49	–	–
5	2 697	2 109	18	6	563	456	92	9	5
6	1 965	1 537	23	1	404	347	53	4	–
7	4 545	3 428	48	6	1 064	925	124	9	5
8	9 723	7 199	90	29	2 404	2 156	223	12	14
9	6 903	5 042	56	13	1 792	1 645	134	13	–
10 (best)	15 402	10 950	103	28	4 322	3 667	601	43	11
No neighborhood	213	122	7	–	84	57	27	–	–
Not reported	402	324	4	–	75	59	14	2	–
Neighborhood Conditions									
With neighborhood	42 879	31 514	352	88	10 924	9 449	1 339	93	43
No problems	27 434	20 092	226	55	7 061	6 069	902	68	23
With problems[1]	15 292	11 326	123	32	3 811	3 338	428	25	20
Crime	1 920	1 393	24	5	498	415	70	4	9
Noise	2 641	2 056	23	9	554	495	54	4	–
Traffic	3 184	2 573	31	9	571	525	39	3	4
Litter or housing deterioration	1 707	1 402	20	3	282	224	50	1	7
Poor city or county services	608	466	8	1	133	119	14	–	–
Undesirable commercial, institutional, industrial	648	530	6	2	110	104	6	1	–
People	4 645	3 465	35	9	1 136	937	172	7	20
Other	4 259	2 902	19	7	1 331	1 175	151	6	–
Type of problem not reported	335	232	2	–	101	84	17	–	–
Presence of problems not reported	152	96	3	1	52	42	10	1	–
Description of Area Within 300 Feet[1]									
Single-family detached houses	2 830	2 067	267	15	481	465	–	16	–
Only single-family detached	–	–	–	–	–	–	–	–	–
Single-family attached or 1 to 3 story multiunit	5 927	4 100	106	11	1 710	1 689	–	14	7
4 to 6 story multiunit	790	606	–	3	181	180	–	1	–
7 stories or more multiunit	280	241	–	2	37	36	–	1	–
Mobile homes	88	54	14	–	20	19	–	–	–
Commercial, institutional, or industrial	2 046	1 564	98	13	371	358	–	12	–
Residential parking lots	2 608	1 731	14	7	855	847	–	5	2
Body of water	421	265	15	1	140	136	–	4	–
Open space, park, farm, or ranch	1 691	1 024	85	10	572	566	–	6	–
4+ lane highway, railroad, or airport	972	686	41	6	239	237	–	2	–
Other	374	259	29	1	85	85	–	–	–
Not observed or not reported	964	662	47	–	255	249	–	6	–
Age of Other Residential Buildings Within 300 Feet									
Older	429	231	2	–	196	194	–	–	2
About the same	5 784	3 906	223	21	1 634	1 610	–	20	4
Newer	182	145	15	–	23	21	–	1	–
Very mixed	984	777	51	4	152	147	–	5	–
No other residential buildings	258	155	18	–	85	83	–	2	–
Not reported	985	684	47	–	254	248	–	6	–
Mobile Homes in Group									
Mobile homes	2 891	667	–	1	2 222	943	1 279	–	–
1 to 6	1 633	278	–	–	1 355	552	803	–	–
7 to 20	219	39	–	–	180	75	104	–	–
21 or more	1 036	351	–	–	686	316	369	–	–
Not reported	2	–	–	–	2	–	2	–	–
Other Buildings Vandalized or With Interior Exposed									
None	7 264	4 973	285	25	1 981	1 949	–	25	7
1 building	36	31	–	–	5	5	–	–	–
More than 1 building	74	58	–	–	16	15	–	1	–
No buildings within 300 feet	166	88	12	–	65	63	–	2	–
Not reported	1 082	747	60	–	276	270	–	6	–
Bars on Windows of Buildings									
With other buildings within 300 feet	7 375	5 062	285	25	2 002	1 969	–	26	7
No bars on windows	6 895	4 670	268	23	1 933	1 900	–	26	7
1 building with bars	160	119	11	1	29	29	–	–	–
2 or more buildings with bars	288	253	6	1	28	28	–	–	–
Not reported	32	20	–	–	13	13	–	–	–
Condition of Streets									
No repairs needed	6 212	4 107	241	20	1 844	1 817	–	20	7
Minor repairs needed	1 228	987	56	5	180	174	–	6	–
Major repairs needed	80	56	9	–	15	14	–	1	–
No streets within 300 feet	129	75	3	–	51	50	–	1	–
Not reported	973	671	47	–	254	248	–	6	–
Trash, Litter, or Junk on Streets or any Properties									
None	6 264	4 120	253	21	1 870	1 842	–	22	7
Minor accumulation	1 297	1 045	53	2	197	195	–	2	–
Major accumulation	74	53	4	–	17	12	–	4	–
Not reported	988	679	47	2	259	254	–	6	–

[1]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 6-9. Household Composition—Suburbs—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Population in housing units	**117 513**	**85 854**	**761**	**301**	**30 597**	**26 748**	**3 534**	**231**	**85**
Total	**43 495**	**31 960**	**363**	**88**	**11 084**	**9 565**	**1 380**	**96**	**43**
Persons									
1 person	8 914	6 689	142	11	2 072	1 647	371	42	11
2 persons	14 471	10 746	115	18	3 592	3 123	432	15	21
3 persons	7 998	5 815	60	24	2 098	1 836	242	11	10
4 persons	7 407	5 289	31	14	2 072	1 862	199	11	–
5 persons	3 124	2 212	5	6	901	820	64	16	–
6 persons	999	747	4	9	238	182	56	–	–
7 persons or more	583	462	4	5	111	95	16	–	–
Median	**2.4**	**2.4**	**1.8**	**3.1**	**2.5**	**2.5**	**2.2**	**1.9**	**...**
Number of Single Children Under 18 Years Old									
None	26 915	20 514	262	44	6 096	5 157	831	64	43
1	6 866	4 795	48	22	2 001	1 739	254	8	–
2	6 346	4 281	37	11	2 018	1 820	185	12	–
3	2 489	1 738	12	7	732	672	49	11	–
4	638	443	–	1	194	147	47	–	–
5	168	127	4	4	33	22	10	–	–
6 or more	73	62	–	–	11	7	4	–	–
Median	**.5-**	**.5-**	**.5-**	**.5**	**.5-**	**.5-**	**.5-**	**.5-**	**...**
Persons 65 Years Old and Over									
None	33 402	23 562	297	69	9 474	8 308	1 042	83	40
1 person	6 492	5 374	43	16	1 058	794	249	12	2
2 persons or more	3 601	3 024	23	3	552	463	88	–	–
Age of Householder									
Under 25 years	1 619	1 053	39	2	524	436	76	12	–
25 to 29	3 782	2 315	45	9	1 413	1 239	161	13	–
30 to 34	5 191	3 236	55	10	1 890	1 707	167	12	4
35 to 44	10 288	7 094	57	20	3 116	2 803	278	25	10
45 to 54	7 599	5 815	47	20	1 718	1 481	205	17	15
55 to 64	5 853	4 752	55	12	1 034	833	181	8	12
65 to 74	5 431	4 580	26	6	819	649	166	4	–
75 years and over	3 731	3 115	39	8	569	417	146	4	1
Median	**46**	**49**	**42**	**46**	**41**	**40**	**45**	**39**	**...**
Household Composition by Age of Householder									
2-or-more person households	34 581	25 271	220	77	9 012	7 919	1 009	53	32
Married-couple families, no nonrelatives	25 877	18 936	117	59	6 765	6 043	672	40	10
Under 25 years	579	357	12	–	209	171	35	4	–
25 to 29 years	2 045	1 207	13	7	818	719	94	5	–
30 to 34 years	3 316	2 031	20	7	1 258	1 162	90	6	–
35 to 44 years	6 715	4 603	21	16	2 075	1 898	169	8	–
45 to 64 years	8 959	7 132	35	26	1 767	1 562	177	18	10
65 years and over	4 264	3 606	15	3	639	532	107	–	–
Other male householder	3 284	2 329	32	4	919	773	123	8	16
Under 45 years	2 033	1 371	19	3	639	535	88	6	10
45 to 64 years	885	658	3	1	223	190	26	1	6
65 years and over	366	300	9	–	57	47	9	–	–
Other female householder	5 420	4 006	72	14	1 328	1 102	214	6	5
Under 45 years	3 087	2 097	47	6	936	809	122	6	–
45 to 64 years	1 477	1 165	21	5	287	214	68	–	5
65 years and over	856	744	4	4	104	79	25	–	–
1-person households	8 914	6 689	142	11	2 072	1 647	371	42	11
Male householder	3 540	2 596	65	4	875	696	146	23	10
Under 45 years	1 850	1 248	44	1	557	475	61	17	4
45 to 64 years	912	674	16	1	222	155	56	6	6
65 years and over	778	675	5	2	96	67	29	–	–
Female householder	5 374	4 092	77	7	1 197	950	225	20	1
Under 45 years	1 256	784	19	2	451	416	23	12	–
45 to 64 years	1 219	938	28	–	253	193	60	–	–
65 years and over	2 898	2 370	30	5	493	341	142	8	1
Adults and Single Children Under 18 Years Old									
Total households with children	16 580	11 446	101	45	4 988	4 408	549	31	–
Married couples	12 559	8 606	62	35	3 857	3 490	341	26	–
One child under 6 only	2 012	1 287	25	7	693	633	59	1	–
One under 6, one or more 6 to 17	2 136	1 355	9	7	764	714	47	3	–
Two or more under 6 only	1 284	806	11	2	464	417	47	–	–
Two or more under 6, one or more 6 to 17	641	432	2	1	206	177	23	5	–
One or more 6 to 17 only	6 487	4 725	15	18	1 729	1 548	165	17	–
Other households with two or more adults	1 966	1 434	11	8	512	401	107	5	–
One child under 6 only	388	259	–	2	126	95	28	3	–
One under 6, one or more 6 to 17	234	180	2	–	52	41	10	–	–
Two or more under 6 only	192	119	5	–	68	59	9	–	–
Two or more under 6, one or more 6 to 17	113	76	–	2	35	21	15	–	–
One or more 6 to 17 only	1 040	801	3	4	232	185	45	2	–
Households with one adult or none	2 055	1 406	28	2	619	518	101	1	–
One child under 6 only	296	194	6	1	96	84	12	–	–
One under 6, one or more 6 to 17	291	204	9	–	78	71	6	1	–
Two or more under 6 only	111	78	–	–	33	23	9	–	–
Two or more under 6, one or more 6 to 17	81	52	–	1	29	12	17	–	–
One or more 6 to 17 only	1 277	878	14	1	384	328	56	–	–
Total households with no children	26 915	20 514	262	44	6 096	5 157	831	64	43
Married couples	13 511	10 475	55	25	2 957	2 602	330	14	10
Other households with two or more adults	4 488	3 349	64	8	1 067	908	129	8	21
Households with one adult	8 916	6 690	142	11	2 072	1 647	371	42	11

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 6-9. Household Composition—Suburbs—Occupied Units—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Own Never Married Children Under 18 Years Old									
No own children under 18 years	28 226	21 561	263	50	6 352	5 348	894	67	43
With own children under 18 years	15 268	10 399	100	38	4 732	4 217	486	28	–
Under 6 years only	3 803	2 368	46	11	1 378	1 227	150	2	–
1	2 312	1 448	31	8	825	747	76	2	–
2	1 275	786	11	2	476	418	59	–	–
3 or more	216	135	4	1	77	62	15	–	–
6 to 17 years only	8 360	6 031	34	17	2 278	2 011	248	19	–
1	3 910	2 839	19	9	1 043	897	142	4	–
2	3 237	2 283	12	3	938	834	94	11	–
3 or more	1 214	910	2	5	296	280	13	3	–
Both age groups	3 105	1 999	20	10	1 076	979	88	8	–
2	1 509	933	12	5	559	529	30	–	–
3 or more	1 596	1 066	8	6	516	450	57	8	–
Persons Other Than Spouse or Children[1]									
With other relatives	10 473	8 356	50	37	2 031	1 747	258	15	10
Single adult offspring 18 to 29	6 222	5 053	24	22	1 123	993	106	14	10
Single adult offspring 30 years of age or over	1 547	1 366	4	9	168	107	60	1	–
Households with three generations	1 044	843	–	5	195	149	41	4	–
Households with 1 subfamily	970	775	–	6	189	148	40	–	–
Subfamily householder age under 30	491	380	–	2	108	81	27	–	–
30 to 64	427	370	–	2	55	41	14	–	–
65 and over	52	25	–	1	26	26	–	–	–
Households with 2 or more subfamilies	27	23	–	–	4	2	2	–	–
Households with other types of relatives	3 324	2 475	24	10	815	693	116	6	–
With non-relatives	2 696	1 849	41	7	799	664	104	9	21
Co-owners or co-renters	1 210	804	27	1	378	319	29	9	21
Lodgers	366	264	2	1	99	93	6	–	–
Unrelated children, under 18 years old	357	255	2	3	98	58	37	3	–
Other non-relatives	1 104	755	12	5	331	262	70	–	–
One or more secondary families	257	171	2	3	82	45	34	3	–
2-person households, none related to each other	1 462	962	31	–	470	394	48	7	21
3-8 person households, none related to each other	248	192	2	–	54	53	1	–	–
Years of School Completed by Householder									
No school years completed	100	76	–	1	23	15	8	–	–
Elementary:									
less than 8 years	1 493	1 241	11	5	237	111	119	6	1
8 years	1 558	1 236	14	4	304	182	122	1	–
High School:									
1 to 3 years	4 025	3 085	42	8	890	583	279	10	18
4 years	15 640	11 613	169	32	3 826	3 185	583	44	14
College:									
1 to 3 years	8 843	6 421	63	20	2 340	2 136	188	8	7
4 years or more	11 836	8 290	64	19	3 464	3 352	81	27	4
Median	**12.9**	**12.9**	**12.7**	**12.8**	**13.4**	**14.1**	**12.3**	**12.7**	**...**
Year Householder Moved Into Unit									
1990 to 1994	10 385	6 160	79	9	4 137	3 734	368	31	4
1985 to 1989	13 117	7 988	83	22	5 023	4 484	486	45	8
1980 to 1984	5 097	3 494	21	11	1 571	1 287	257	19	7
1975 to 1979	4 533	4 335	26	9	163	40	122	–	–
1970 to 1974	3 083	2 932	23	11	117	6	92	–	19
1960 to 1969	3 816	3 733	21	8	55	11	39	–	5
1950 to 1959	2 412	2 311	78	8	15	–	15	–	–
1940 to 1949	744	698	30	11	4	2	2	–	–
1939 or earlier	310	308	2	–	–	–	–	–	–
Median	**1982**	**1978**	**1972**	**1976**	**1986**	**1986**	**1985**	**1986**	**...**
Household Moves and Formation in Last Year									
Total with a move in last year	8 411	5 177	102	12	3 119	2 791	291	27	10
Household all moved here from one unit	5 606	3 238	67	6	2 296	2 073	200	22	–
Householder of previous unit did not move here	1 076	695	28	1	353	307	40	7	–
Householder of previous unit moved here	4 294	2 406	37	5	1 846	1 682	150	15	–
Householder of previous unit not reported	235	137	2	–	96	85	11	–	–
Household moved here from two or more units	1 025	633	17	1	374	356	8	5	5
No previous householder moved here	250	170	5	1	74	72	1	–	–
1 previous householder moved here	159	102	5	–	52	45	–	2	5
2 or more previous householders moved here	512	291	7	–	214	204	7	4	–
Previous householder(s) not reported	104	69	–	–	35	35	–	–	–
Some already here, rest moved in	1 770	1 299	19	5	448	360	83	–	5
No previous householder moved here	586	425	9	4	147	105	37	–	5
1 or more previous householders moved here	856	633	9	–	214	186	28	–	–
Previous householder(s) not reported	328	240	–	1	87	69	17	–	–
Number of previous units not reported	9	8	–	–	2	2	–	–	–

[1]Figures may not add to total because more than one category may apply.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 6-10. Income Characteristics—Suburbs—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**43 495**	**31 960**	**363**	**88**	**11 084**	**9 565**	**1 380**	**96**	**43**
Household Income									
Less than $5,000	1 628	1 208	17	6	398	236	152	10	–
$5,000 to $9,999	3 060	2 381	34	3	643	395	229	8	11
$10,000 to $14,999	3 269	2 470	43	3	752	523	216	12	1
$15,000 to $19,999	3 150	2 458	35	5	653	488	155	7	2
$20,000 to $24,999	3 340	2 436	41	9	854	643	211	–	–
$25,000 to $29,999	3 988	3 027	44	9	908	788	93	13	14
$30,000 to $34,999	3 091	2 289	27	8	768	666	97	5	–
$35,000 to $39,999	2 682	1 983	25	5	668	593	64	10	1
$40,000 to $49,999	4 940	3 559	35	1	1 344	1 237	88	12	8
$50,000 to $59,999	3 871	2 812	19	9	1 030	993	36	1	–
$60,000 to $79,999	4 956	3 484	18	14	1 440	1 412	18	5	5
$80,000 to $99,999	2 414	1 731	10	5	668	658	10	–	–
$100,000 to $119,999	1 195	823	2	5	365	353	6	6	–
$120,000 or more	1 911	1 301	13	4	593	580	5	7	–
Median	**35 412**	**34 372**	**26 358**	**35 130**	**39 245**	**43 649**	**17 984**	**29 330**	**...**
As percent of poverty level:									
Less than 50 percent	1 469	1 084	13	8	365	231	124	10	–
50 to 99	2 359	1 762	29	3	566	329	220	9	7
100 to 149	3 570	2 655	43	4	868	608	248	8	4
150 to 199	3 740	2 867	34	11	829	615	205	8	1
200 percent or more	32 356	23 593	244	63	8 456	7 783	582	61	31
Income of Families and Primary Individuals									
Less than $5,000	1 813	1 339	19	6	448	262	171	10	5
$5,000 to $9,999	3 233	2 496	40	4	692	422	240	10	21
$10,000 to $14,999	3 388	2 560	49	3	776	564	201	10	1
$15,000 to $19,999	3 259	2 521	34	4	701	534	156	9	2
$20,000 to $24,999	3 482	2 525	41	9	907	696	208	3	–
$25,000 to $29,999	4 110	3 096	38	9	967	847	98	11	10
$30,000 to $34,999	3 089	2 284	29	9	767	668	94	5	–
$35,000 to $39,999	2 610	1 957	23	4	626	560	56	10	–
$40,000 to $49,999	4 784	3 466	30	1	1 287	1 189	86	9	3
$50,000 to $59,999	3 686	2 682	20	9	974	939	35	1	–
$60,000 to $79,999	4 693	3 308	20	14	1 352	1 329	15	7	–
$80,000 to $99,999	2 304	1 646	6	6	646	636	10	–	–
$100,000 to $119,999	1 160	802	2	4	352	343	6	3	–
$120,000 or more	1 883	1 277	13	4	589	576	5	7	–
Median	**33 985**	**33 156**	**24 842**	**34 409**	**37 268**	**41 936**	**17 521**	**27 796**	**...**
Income Sources of Families and Primary Individuals									
Wages and salaries	34 033	24 372	288	76	9 297	8 239	966	82	10
Wages and salaries were majority of income	30 596	21 686	257	72	8 582	7 638	868	66	10
2 or more people each earned over 20% of wages and salaries	12 622	9 040	63	37	3 481	3 211	249	21	–
Business, farm, or ranch	5 036	3 622	45	20	1 349	1 198	128	23	–
Social security or pensions	12 782	10 461	102	23	2 196	1 702	449	19	27
Interest or dividend(s)	11 634	9 080	51	25	2 478	2 283	172	20	3
Rental income	3 623	2 756	68	14	785	736	38	11	–
With lodger(s)	366	264	2	1	99	93	6	–	–
Welfare or SSI	1 836	1 372	26	4	435	242	160	1	32
Alimony or child support	1 814	1 261	20	4	529	453	64	12	–
Other	4 216	3 152	38	5	1 022	844	166	12	–
Amount of Savings and Investments									
Income of $25,000 or less	16 087	12 160	191	27	3 709	2 630	991	47	40
No savings or investments	6 775	4 841	101	8	1 824	1 142	630	29	24
$25,000 or less	5 500	4 314	67	12	1 106	830	256	17	4
More than $25,000	1 848	1 550	10	3	285	235	45	1	4
Not reported	1 964	1 455	12	4	493	423	60	1	9
Food Stamps									
Income of $25,000 or less	16 087	12 160	191	27	3 709	2 630	991	47	40
Family members received food stamps	1 693	1 235	30	4	424	241	177	6	–
Did not receive food stamps	13 113	10 042	153	20	2 898	2 047	779	40	31
Not reported	1 281	883	8	3	387	342	35	1	9
Rent Reductions									
No subsidy or income reporting	10 756	7 708	234	28	2 786	2 398	308	67	13
Rent control	206	180	4	–	22	18	4	–	–
No rent control	10 536	7 518	230	28	2 759	2 375	305	67	13
Reduced by owner	712	544	34	5	129	76	20	26	7
Not reduced by owner	9 760	6 919	192	23	2 626	2 295	285	41	5
Owner reduction not reported	64	56	4	–	5	5	–	–	–
Rent control not reported	14	9	–	–	4	4	–	–	–
Owned by public housing authority	414	304	–	–	110	104	6	–	–
Other, Federal subsidy	504	372	5	1	126	118	6	–	1
Other, State or local subsidy	172	128	4	1	39	14	1	1	24
Other, income verification	120	92	2	–	26	26	–	–	–
Subsidy or income verification not reported	147	116	–	–	31	26	5	–	–

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 6-11. Selected Housing Costs—Suburbs—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**43 495**	**31 960**	**363**	**88**	**11 084**	**9 565**	**1 380**	**96**	**43**
Monthly Housing Costs									
Less than $100	563	363	4	2	194	91	101	1	–
$100 to $199	3 693	2 964	13	2	714	382	321	10	1
$200 to $249	2 233	1 792	21	–	420	278	133	6	2
$250 to $299	2 331	1 898	23	5	404	268	129	7	–
$300 to $349	2 243	1 784	27	4	428	263	162	4	–
$350 to $399	2 131	1 677	19	6	430	270	154	1	4
$400 to $449	2 217	1 736	23	4	454	367	76	12	–
$450 to $499	2 203	1 699	16	3	485	415	64	5	–
$500 to $599	4 026	3 024	37	8	956	860	78	14	4
$600 to $699	3 581	2 643	39	12	886	844	21	–	20
$700 to $799	2 847	2 075	15	10	747	733	9	5	–
$800 to $999	4 192	2 977	34	8	1 174	1 143	30	1	–
$1,000 to $1,249	2 898	1 845	21	7	1 025	1 002	16	3	4
$1,250 to $1,499	1 717	1 088	20	3	606	603	3	–	–
$1,500 or more	2 887	1 715	7	7	1 157	1 147	10	–	–
No cash rent	837	640	26	1	170	102	44	17	7
Mortgage payment not reported	2 896	2 038	17	6	835	799	28	8	–
Median (excludes no cash rent)	**556**	**524**	**536**	**653**	**663**	**740**	**288**	**426**	**...**
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	**595**	**549**	**683**	**...**	**779**	**893**	**245**	**...**	**...**
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	**304**	**258**	**317**	**...**	**501**	**602**	**100-**	**...**	**...**
Monthly Housing Costs as Percent of Current Income									
Less than 5 percent	1 194	922	6	2	265	189	73	3	–
5 to 9 percent	4 441	3 585	25	8	824	606	196	22	–
10 to 14 percent	5 848	4 575	38	16	1 219	1 009	197	13	–
15 to 19 percent	6 414	4 818	25	8	1 563	1 369	172	11	10
20 to 24 percent	5 471	3 833	41	10	1 587	1 457	127	3	–
25 to 29 percent	4 429	3 033	47	9	1 340	1 242	97	–	1
30 to 34 percent	3 031	2 072	28	3	929	831	87	6	5
35 to 39 percent	1 984	1 423	34	5	522	435	83	5	–
40 to 49 percent	2 309	1 607	28	8	666	575	90	1	–
50 to 59 percent	1 210	904	15	1	291	259	32	–	–
60 to 69 percent	761	570	14	–	178	161	17	–	–
70 to 99 percent	1 030	737	4	5	283	231	41	1	10
100 percent or more[1]	1 265	923	13	6	323	245	63	6	9
Zero or negative income	374	281	2	1	90	56	34	–	–
No cash rent	837	640	26	1	170	102	44	17	7
Mortgage payment not reported	2 896	2 038	17	6	835	799	28	8	–
Median (excludes 3 previous lines)	**22**	**21**	**28**	**23**	**24**	**24**	**20**	**14**	**...**
Median (excludes 4 lines before medians)	**21**	**20**	**27**	**22**	**23**	**23**	**19**	**13**	**...**
Rent Paid by Lodgers									
Lodgers in housing units	366	264	2	1	99	93	6	–	–
Less than $100 per month	8	8	–	–	–	–	–	–	–
$100 to $199	47	38	–	–	10	4	6	–	–
$200 to $299	113	79	–	1	33	33	–	–	–
$300 to $399	71	43	–	–	28	28	–	–	–
$400 or more per month	71	51	2	–	18	18	–	–	–
Not reported	56	45	–	–	11	11	–	–	–
Median	**289**	**281**	**...**	**...**	**306**	**317**	**...**	**...**	**...**
Monthly Cost Paid for Electricity									
Electricity used	43 482	31 951	363	88	11 081	9 562	1 380	96	43
Less than $25	3 801	3 052	27	4	718	622	91	6	–
$25 to $49	11 502	8 820	84	22	2 576	2 203	349	12	12
$50 to $74	10 431	7 569	70	19	2 771	2 399	352	17	3
$75 to $99	6 338	4 451	22	15	1 849	1 590	253	6	–
$100 to $149	5 143	3 430	24	8	1 681	1 541	135	4	–
$150 to $199	1 442	1 019	7	2	414	381	29	4	–
$200 or more	704	454	4	1	245	213	25	7	–
Median	**60**	**58**	**53**	**62**	**67**	**67**	**63**	**66**	**...**
Included in rent, other fee, or obtained free	4 122	3 155	125	16	826	613	145	39	28
Monthly Cost Paid for Piped Gas									
Piped gas used	26 370	21 022	205	60	5 083	4 551	455	49	28
Less than $25	5 994	4 443	35	13	1 504	1 295	186	16	7
$25 to $49	8 799	6 918	47	11	1 822	1 667	151	5	–
$50 to $74	4 737	3 947	20	9	762	721	38	3	–
$75 to $99	1 674	1 436	11	2	225	208	13	3	–
$100 to $149	692	591	–	5	96	87	5	4	–
$150 to $199	141	119	4	1	17	17	–	–	–
$200 or more	129	96	2	1	31	27	4	–	–
Median	**39**	**41**	**38**	**44**	**35**	**36**	**27**	**...**	**...**
Included in rent, other fee, or obtained free	4 204	3 472	87	18	626	529	58	18	21

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 6-11. Selected Housing Costs—Suburbs—Occupied Units—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Average Monthly Cost Paid for Fuel Oil									
Fuel oil used	6 381	5 601	104	27	650	470	160	20	–
Less than $25	534	426	4	–	104	57	46	1	–
$25 to $49	1 326	1 118	22	1	184	126	58	–	–
$50 to $74	1 495	1 354	9	4	128	99	19	10	–
$75 to $99	932	834	12	7	79	56	23	–	–
$100 to $149	860	777	10	8	65	64	2	–	–
$150 to $199	217	208	–	2	7	7	–	–	–
$200 or more	162	148	4	–	10	10	–	–	–
Median	**65**	**66**	**62**	**...**	**50**	**57**	**37**	**...**	**...**
Included in rent, other fee, or obtained free	856	736	43	4	73	51	13	9	–
Property Insurance									
Property insurance paid	33 889	25 177	166	66	8 479	7 617	811	36	14
Median per month	**28**	**28**	**28**	**36**	**28**	**29**	**21**	**...**	**...**
Monthly Costs Paid for Selected Utilities and Fuels									
Water paid separately	24 922	19 337	134	58	5 392	4 944	406	30	13
Median	**22**	**21**	**22**	**...**	**24**	**24**	**17**	**...**	**...**
Trash paid separately	18 559	14 041	76	32	4 409	3 985	400	14	10
Median	**14**	**14**	**17**	**...**	**14**	**15**	**10-**	**...**	**...**
Bottled gas paid separately	2 747	1 689	24	10	1 024	570	445	4	5
Median	**41**	**41**	**...**	**...**	**41**	**45**	**35**	**...**	**...**
Other fuel paid separately	5 818	4 005	17	14	1 782	1 479	284	11	7
Median	**10-**	**10-**	**...**	**...**	**10-**	**10-**	**17**	**...**	**...**
OWNER OCCUPIED UNITS									
Total	**31 382**	**23 240**	**117**	**58**	**7 966**	**6 879**	**1 054**	**28**	**5**
Cost and Ownership Sharing									
Ownership shared by person not living here	1 003	770	16	4	213	188	25	–	–
Costs shared by person not living here	240	175	2	2	61	53	8	–	–
Costs not shared	760	592	14	2	152	135	17	–	–
Cost sharing not reported	4	4	–	–	–	–	–	–	–
Ownership not shared	29 984	22 196	96	54	7 637	6 587	1 018	27	5
Costs shared by person not living here	108	76	2	–	30	24	6	–	–
Costs not shared	29 789	22 050	94	54	7 591	6 546	1 012	27	5
Cost sharing not reported	87	71	–	–	16	16	–	–	–
Ownership sharing not reported	394	274	5	–	116	105	11	1	–
Monthly Payment for Principal and Interest									
Less than $100	365	342	–	–	23	12	11	–	–
$100 to $199	1 420	1 218	–	1	201	146	56	–	–
$200 to $249	993	772	–	1	220	175	43	–	2
$250 to $299	999	794	4	3	199	142	57	–	–
$300 to $349	1 034	799	6	2	228	187	40	–	–
$350 to $399	926	744	–	2	179	169	8	–	3
$400 to $449	939	734	5	4	196	186	10	–	–
$450 to $499	898	676	2	4	217	213	4	–	–
$500 to $599	1 892	1 327	4	1	560	552	8	–	–
$600 to $699	1 545	1 072	6	4	464	449	12	3	–
$700 to $799	1 244	750	2	1	491	491	–	–	–
$800 to $999	1 772	1 076	17	4	676	669	7	–	–
$1,000 to $1,249	1 380	859	2	7	511	511	–	–	–
$1,250 to $1,499	664	363	6	1	294	294	–	–	–
$1,500 or more	1 162	637	–	1	523	513	10	–	–
Not reported	2 896	2 038	17	6	835	799	28	8	–
Median	**555**	**500**	**749**	**...**	**701**	**725**	**271**	**...**	**...**
Average Monthly Cost Paid for Real Estate Taxes									
Less than $25	4 383	2 647	6	6	1 724	976	746	–	2
$25 to $49	4 321	3 331	14	9	967	805	149	13	–
$50 to $74	4 116	3 237	10	1	868	807	61	–	–
$75 to $99	3 367	2 566	20	7	774	745	30	–	–
$100 to $149	5 597	4 287	16	8	1 285	1 239	37	7	3
$150 to $199	3 661	2 867	15	7	772	747	25	–	–
$200 or more	5 937	4 305	36	19	1 576	1 561	7	8	–
Median	**96**	**98**	**127**	**...**	**89**	**104**	**25-**	**...**	**...**
Annual Taxes Paid Per $1,000 Value									
Less than $5	4 738	3 432	16	5	1 285	921	347	18	–
$5 to $9	8 375	6 072	15	16	2 272	2 113	156	3	–
$10 to $14	7 733	5 719	14	10	1 990	1 863	115	7	5
$15 to $19	4 093	3 127	20	9	937	872	65	–	–
$20 to $24	2 689	2 062	8	7	612	554	58	–	–
$25 or more	3 753	2 828	44	11	870	556	313	–	–
Median	**12**	**12**	**18**	**...**	**11**	**11**	**11**	**...**	**...**
Routine Maintenance in Last Year									
Less than $25 per month	19 704	14 069	54	29	5 551	4 693	833	20	5
$25 to $49	5 511	4 317	23	14	1 156	1 030	126	–	–
$50 to $74	1 191	920	9	2	260	223	37	–	–
$75 to $99	1 479	1 177	10	2	290	269	14	7	–
$100 to $149	710	545	5	1	160	142	18	–	–
$150 to $199	680	553	2	8	118	112	6	–	–
$200 or more per month	892	693	9	2	188	187	–	–	–
Not reported	1 215	966	5	1	244	223	20	1	–
Median	**25-**	**25-**	**27**	**...**	**25-**	**25-**	**25-**	**...**	**...**

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 6-11. Selected Housing Costs—Suburbs—Occupied Units—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
OWNER OCCUPIED UNITS—Con.									
Condominium and Cooperative Fee									
Fee paid by owners	1 529	902	–	2	625	625	–	–	–
Less than $25 per month	22	12	–	–	10	10	–	–	–
$25 to $49	55	40	–	–	14	14	–	–	–
$50 to $74	113	44	–	–	69	69	–	–	–
$75 to $99	247	117	–	–	130	130	–	–	–
$100 to $149	499	266	–	–	233	233	–	–	–
$150 to $199	248	176	–	–	72	72	–	–	–
$200 or more per month	274	211	–	–	64	64	–	–	–
Not reported	72	36	–	2	33	33	–	–	–
Median	**129**	**141**	**...**	**...**	**116**	**116**	**...**	**...**	**...**
Other Housing Costs Per Month									
Homeowner association fee paid	1 368	794	–	–	574	574	–	–	–
Median	**128**	**139**	**...**	**...**	**116**	**116**	**...**	**...**	**...**
Mobile home park fee paid	122	49	–	–	73	31	42	–	–
Median	**44**	**...**	**...**	**...**	**45**	**...**	**...**	**...**	**...**
Land rent fee paid	37	33	2	–	2	2	–	–	–
Median	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**

[1]May reflect a temporary situation, living off savings, or response error.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 6-12. Value, Purchase Price, and Source of Down Payment—Suburbs—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	**31 382**	**23 240**	**117**	**58**	**7 966**	**6 879**	**1 054**	**28**	**5**
Value									
Less than $10,000	1 007	343	–	–	664	176	485	–	2
$10,000 to $19,999	1 045	411	3	–	631	384	247	–	–
$20,000 to $29,999	887	525	6	1	354	232	123	–	–
$30,000 to $39,999	1 114	908	6	4	196	142	54	–	–
$40,000 to $49,999	1 428	1 246	18	3	162	143	19	–	–
$50,000 to $59,999	1 728	1 443	7	5	274	244	27	3	–
$60,000 to $69,999	2 328	1 930	12	3	383	344	39	–	–
$70,000 to $79,999	2 252	1 843	2	3	403	388	15	–	–
$80,000 to $99,999	4 268	3 325	18	5	920	896	14	10	–
$100,000 to $119,999	2 652	1 997	9	2	644	643	2	–	–
$120,000 to $149,999	3 313	2 367	7	7	932	917	13	–	3
$150,000 to $199,999	3 987	3 041	16	10	920	911	8	1	–
$200,000 to $249,999	2 041	1 508	6	8	519	519	–	–	–
$250,000 to $299,999	1 133	828	5	2	298	298	–	–	–
$300,000 or more	2 198	1 526	2	5	666	644	7	15	–
Median	**98 285**	**97 876**	**84 485**	**...**	**99 908**	**115 295**	**11 689**	**...**	**...**
Value-Income Ratio									
Less than 1.5	7 859	5 328	30	19	2 481	1 709	770	–	2
1.5 to 1.9	4 157	3 098	24	2	1 032	961	70	–	–
2.0 to 2.4	4 032	2 851	3	11	1 167	1 108	50	10	–
2.5 to 2.9	2 935	2 077	8	4	846	815	28	3	–
3.0 to 3.9	3 732	2 842	10	5	875	848	24	–	3
4.0 to 4.9	2 261	1 755	10	4	491	468	18	4	–
5.0 or more	6 134	5 096	32	11	994	919	65	11	–
Zero or negative income	272	193	–	1	79	51	28	–	–
Median	**2.4**	**2.6**	**2.6**	**...**	**2.2**	**2.3**	**1.5-**	**...**	**...**
Other Activities on Property[1]									
Commercial establishment	363	280	–	1	81	61	20	–	–
Medical or dental office	55	42	–	–	13	13	–	–	–
Neither	30 985	22 932	117	56	7 879	6 812	1 034	28	5
Year Unit Acquired									
1990 to 1994	3 883	1 929	4	2	1 949	1 789	157	–	2
1985 to 1989	9 068	4 898	15	12	4 143	3 764	366	10	3
1980 to 1984	4 102	2 651	4	8	1 440	1 227	213	–	–
1975 to 1979	4 344	4 142	22	6	174	–	157	17	–
1970 to 1974	2 717	2 592	10	10	105	–	105	–	–
1960 to 1969	3 672	3 612	15	4	41	–	41	–	–
1950 to 1959	2 277	2 241	26	8	2	–	2	–	–
1940 to 1949	621	598	15	8	–	–	–	–	–
1939 or earlier	160	158	2	–	–	–	–	–	–
Not reported	538	420	5	–	113	100	13	1	–
Median	**1980**	**1977**	**1968**	**...**	**1986**	**1986**	**1983**	**...**	**...**
First Time Owners									
First home ever owned	12 854	10 311	41	27	2 475	2 043	429	3	–
Not first home	17 734	12 368	72	31	5 263	4 629	608	21	5
Not reported	794	561	5	–	228	207	16	4	–
Purchase Price									
Home purchased or built	30 317	22 328	102	55	7 832	6 772	1 027	27	5
Less than $10,000	2 187	1 630	6	1	550	91	457	–	2
$10,000 to $19,999	4 099	3 451	12	2	634	345	289	–	–
$20,000 to $29,999	3 083	2 663	18	8	394	327	67	–	–
$30,000 to $39,999	2 490	2 185	13	4	288	241	44	3	–
$40,000 to $49,999	2 103	1 810	5	7	282	243	39	–	–
$50,000 to $59,999	1 892	1 539	8	7	339	321	18	–	–
$60,000 to $69,999	1 937	1 391	6	3	537	537	–	–	–
$70,000 to $79,999	1 623	1 127	–	2	494	483	2	10	–
$80,000 to $99,999	2 426	1 480	2	4	940	929	8	–	3
$100,000 to $119,999	1 329	759	5	2	564	564	–	–	–
$120,000 to $149,999	1 594	894	6	2	691	688	3	–	–
$150,000 to $199,999	1 439	722	5	3	709	706	–	3	–
$200,000 to $249,999	665	299	7	1	357	357	–	–	–
$250,000 to $299,999	347	180	–	1	166	166	–	–	–
$300,000 or more	599	268	–	1	329	315	7	7	–
Not reported	2 503	1 930	9	7	558	459	95	4	–
Median	**49 735**	**41 496**	**38 060**	**...**	**82 538**	**92 227**	**10 335**	**...**	**...**
Received as inheritance or gift	530	495	11	3	22	8	14	–	–
Not reported	535	417	5	–	113	100	13	1	–
Major Source of Down Payment									
Home purchased or built	30 317	22 328	102	55	7 832	6 772	1 027	27	5
Sale of previous home	10 463	7 359	31	16	3 057	2 824	218	12	3
Savings or cash on hand	14 309	10 974	48	28	3 260	2 770	478	10	2
Sale of other investment	240	173	–	–	67	67	–	–	–
Borrowing, other than mortgage on this property	801	640	6	4	150	103	48	–	–
Inheritance or gift	681	499	–	2	180	163	16	–	–
Land where building built used for financing	235	136	1	1	97	97	–	–	–
Other	1 078	795	5	–	278	204	74	–	–
No down payment	1 854	1 296	8	3	547	362	182	3	–
Not reported	656	456	3	–	197	183	11	3	–

[1]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 6-13. Mortgage Characteristics—Suburbs—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**31 382**	**23 240**	**117**	**58**	**7 966**	**6 879**	**1 054**	**28**	**5**
Mortgages Currently on Property									
None, owned free and clear	11 251	9 040	48	16	2 148	1 371	760	17	–
With mortgage or land contract	20 130	14 200	70	42	5 818	5 508	294	11	5
One mortgage or land contract	16 684	11 519	48	33	5 084	4 801	270	8	5
Two mortgages	2 996	2 379	20	8	590	569	18	3	–
Three or more mortgages	51	40	–	1	10	10	–	–	–
Number of mortgages not reported	400	263	2	–	134	128	5	1	–
OWNERS WITH ONE OR MORE MORTGAGES									
Total	**20 130**	**14 200**	**70**	**42**	**5 818**	**5 508**	**294**	**11**	**5**
Type of Primary Mortgage									
FHA	2 925	2 028	2	4	891	882	9	–	–
VA	1 472	1 126	4	3	339	335	4	–	–
Farmers Home Administration	155	107	–	–	48	46	2	–	–
Other types	14 581	10 237	57	34	4 253	3 981	257	11	5
Don't know	402	305	–	1	96	82	14	–	–
Not reported	595	397	6	–	192	183	9	1	–
Lower Cost State and Local Mortgages									
State or local program used	1 454	1 023	2	2	426	403	23	–	–
Not used	18 118	12 814	65	38	5 200	4 924	261	11	5
Not reported	558	363	2	1	192	181	10	1	–
Mortgage Origination									
Placed new mortgage(s)	16 118	11 040	47	33	4 999	4 741	242	11	5
Primary obtained when property acquired	13 213	8 681	34	28	4 471	4 277	179	11	5
Obtained later	2 837	2 316	14	5	503	443	60	–	–
Date not reported	68	43	–	–	25	21	3	–	–
Assumed	890	670	–	–	221	187	34	–	–
Wrap-around	16	10	–	–	6	4	2	–	–
Combination of the above	2 564	2 091	18	9	445	436	9	–	–
Origin not reported	542	389	4	–	149	141	7	1	–
Payment Plan of Primary Mortgage									
Fixed payment, self amortizing	15 704	11 285	53	36	4 330	4 105	210	11	5
Adjustable rate mortgage	1 736	1 093	6	5	631	611	20	–	–
Adjustable term mortgage	33	24	–	–	9	9	–	–	–
Graduated payment mortgage	278	149	–	–	129	129	–	–	–
Balloon	124	58	2	–	63	49	14	–	–
Other	217	150	–	–	67	67	–	–	–
Combination of the above	172	106	–	–	66	66	–	–	–
Not reported	1 867	1 335	9	1	522	472	49	1	–
Payment Plan of Secondary Mortgage									
Units with two or more mortgages	3 047	2 419	20	9	600	579	18	3	–
Fixed payment, self amortizing	1 585	1 241	5	4	334	324	7	3	–
Adjustable rate mortgage	327	268	2	–	57	50	7	–	–
Adjustable term mortgage	41	27	–	–	14	14	–	–	–
Graduated payment mortgage	5	5	–	–	–	–	–	–	–
Balloon	42	34	–	–	8	7	2	–	–
Other	24	19	–	–	5	5	–	–	–
Combination of the above	168	137	2	1	28	28	–	–	–
Not reported	854	688	11	3	152	150	2	–	–
Lenders of Primary and Secondary Mortgages									
Only borrowed from firm(s)	17 834	12 460	53	36	5 285	5 042	229	11	3
Only borrowed from seller	403	306	4	3	90	54	36	–	–
Only borrowed from other individual(s)	177	125	–	–	52	40	10	–	2
Borrowed from a firm and seller	96	86	–	–	11	9	2	–	–
Borrowed from a firm and other individual	83	56	–	–	27	27	–	–	–
Borrowed from seller and other individual	3	3	–	–	–	–	–	–	–
One or both sources not reported	1 533	1 165	13	3	354	336	17	1	–
Items Included in Primary Mortgage Payment[1]									
Principal and interest only	6 482	4 472	15	11	1 984	1 766	209	7	2
Property taxes	12 182	8 755	42	29	3 356	3 307	46	3	–
Property insurance	9 838	6 867	27	14	2 930	2 882	44	3	–
Other	925	654	–	3	269	268	–	–	–
Not reported	912	648	12	1	251	234	14	1	3
Year Primary Mortgage Originated									
1990 to 1994	4 107	2 329	8	2	1 768	1 678	88	–	2
1985 to 1989	8 402	5 123	23	17	3 238	3 090	142	3	3
1980 to 1984	2 122	1 523	2	5	592	560	32	–	–
1975 to 1979	2 682	2 641	12	6	23	–	15	8	–
1970 to 1974	1 304	1 289	9	4	2	–	2	–	–
1960 to 1969	805	801	–	–	4	–	4	–	–
1950 to 1959	58	42	14	2	–	–	–	–	–
1949 or earlier	7	2	–	6	–	–	–	–	–
Not reported	644	450	2	–	192	179	12	1	–
Median	**1985**	**1983**	**1978**	**...**	**1987**	**1987**	**1986**	**...**	**...**

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 6-13. Mortgage Characteristics—Suburbs—Owner Occupied Units—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
OWNERS WITH ONE OR MORE MORTGAGES—Con.									
Term of Primary Mortgage at Origination or Assumption									
Less than 8 years	368	165	–	1	203	140	61	–	2
8 to 12 years	457	229	–	1	227	174	50	3	–
13 to 17 years	1 662	899	4	3	756	698	55	3	–
18 to 22 years	1 051	810	10	3	228	213	15	–	–
23 to 27 years	1 360	1 175	5	2	179	178	–	–	–
28 to 32 years	10 604	7 254	31	25	3 294	3 254	33	4	3
33 years or more	202	148	–	–	54	54	–	–	–
Variable	219	180	–	–	39	39	–	–	–
Not reported	4 208	3 341	20	8	839	758	80	1	–
Median	**29**	**29**	**29**	**...**	**29**	**29**	**13**	**...**	**...**
Remaining Years Mortgaged									
Less than 8 years	2 308	1 811	7	3	487	350	129	6	2
8 to 12	2 647	2 028	10	5	605	534	70	–	–
13 to 17	2 773	2 291	10	9	462	433	29	–	–
18 to 22	1 579	1 184	–	1	394	361	29	4	–
23 to 27	4 068	2 446	10	10	1 601	1 589	12	–	–
28 to 32	3 934	2 190	5	3	1 736	1 729	4	–	3
33 years or more	72	46	–	–	26	26	–	–	–
Variable	598	491	–	2	105	105	–	–	–
Not reported	2 151	1 714	27	9	402	380	21	1	–
Median	**21**	**18**	**15**	**...**	**25**	**26**	**9**	**...**	**...**
Current Interest Rate									
Less than 6 percent	514	421	2	–	92	90	2	–	–
6 to 7.9	1 043	951	–	1	90	90	–	–	–
8 to 9.9	5 222	3 449	13	9	1 751	1 739	9	3	–
10 to 11.9	3 606	2 226	13	12	1 355	1 301	45	3	5
12 to 13.9	409	236	2	1	170	159	11	–	–
14 to 15.9	84	23	–	–	60	46	14	–	–
16 to 17.9	33	15	–	–	18	12	6	–	–
18 to 19.9	31	7	–	–	24	16	8	–	–
20 percent or more	–	–	–	–	–	–	–	–	–
Not reported	9 189	6 871	41	18	2 259	2 056	198	5	–
Median	**9.0**	**8.8**	**9.5**	**...**	**9.3**	**9.3**	**11.1**	**...**	**...**
Total Outstanding Principal Amount									
Less than $10,000	1 039	897	14	7	121	99	17	3	2
$10,000 to $19,999	1 171	934	2	1	233	185	45	3	–
$20,000 to $29,999	1 049	908	2	3	136	128	7	–	–
$30,000 to $39,999	1 003	788	–	1	214	203	11	–	–
$40,000 to $49,999	1 008	717	4	2	285	280	2	–	3
$50,000 to $59,999	1 013	651	–	–	362	358	4	–	–
$60,000 to $69,999	807	478	–	2	327	327	–	–	–
$70,000 to $79,999	754	431	–	2	322	322	–	–	–
$80,000 to $99,999	1 086	511	4	1	569	561	8	–	–
$100,000 to $119,999	684	378	–	–	306	306	–	–	–
$120,000 to $149,999	610	309	2	3	295	295	–	–	–
$150,000 to $199,999	347	152	–	1	194	194	–	–	–
$200,000 to $249,999	157	72	–	–	85	85	–	–	–
$250,000 to $299,999	73	34	–	–	39	39	–	–	–
$300,000 or more	140	67	–	–	73	71	2	–	–
Not reported	9 189	6 871	41	18	2 259	2 056	198	5	–
Median	**51 984**	**41 914**	**12 080**	**...**	**73 215**	**74 565**	**16 830**	**...**	**...**
Current Total Loan as Percent of Value									
Less than 20 percent	2 064	1 847	17	12	189	172	10	6	–
20 to 39	1 723	1 356	5	3	359	348	6	–	5
40 to 59	2 111	1 349	–	2	760	746	14	–	–
60 to 79	2 769	1 587	–	4	1 179	1 155	23	–	–
80 to 89	1 150	604	–	3	543	543	–	–	–
90 to 99	690	377	–	–	313	304	9	–	–
100 percent or more	434	209	8	–	217	183	33	–	–
Not reported	9 189	6 871	41	18	2 259	2 056	198	5	–
Median	**56.0**	**46.9**	**20-**	**...**	**68.0**	**68.0**	**75.0**	**...**	**...**

[1]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 6-14. Repairs, Improvements, and Alterations—Suburbs—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**31 382**	**23 240**	**117**	**58**	**7 966**	**6 879**	**1 054**	**28**	**5**
Repairs, Improvements, Alterations in Last 2 Years									
Roof replaced (all or part)	4 917	4 390	33	17	478	328	150	–	–
Mostly done by household	1 134	977	6	9	142	62	80	–	–
Mostly done by others	3 652	3 295	27	7	323	254	68	–	–
Workers not reported	131	118	–	–	13	12	2	–	–
Costing $500 or more	3 426	3 161	23	14	227	138	89	–	–
Costing less than $500	930	743	6	2	178	135	44	–	–
Cost not reported	561	485	4	–	72	54	17	–	–
Roof replacement not reported	413	289	5	–	119	110	8	1	–
Additions built	1 530	1 050	10	4	466	369	97	–	–
Mostly done by household	736	464	5	3	264	187	77	–	–
Mostly done by others	746	549	5	1	191	174	17	–	–
Workers not reported	48	37	–	–	11	9	2	–	–
Costing $500 or more	1 199	827	8	4	360	297	63	–	–
Costing less than $500	136	82	–	–	54	43	10	–	–
Cost not reported	195	141	2	–	52	29	23	–	–
Additions not reported	368	263	6	–	99	90	8	1	–
Kitchen remodeled or added	2 769	2 422	8	9	329	227	90	13	–
Mostly done by household	1 423	1 231	3	6	183	112	58	13	–
Mostly done by others	1 312	1 164	5	3	140	112	29	–	–
Workers not reported	33	27	–	–	6	2	4	–	–
Costing $500 or more	2 027	1 828	8	7	184	155	25	3	–
Costing less than $500	482	364	–	–	119	66	43	10	–
Cost not reported	260	230	–	2	27	5	22	–	–
Kitchen remodeled or added not reported	354	247	5	–	103	94	8	1	–
Bathroom remodeled or added	3 196	2 817	25	10	345	256	88	–	–
Mostly done by household	1 833	1 603	14	4	212	150	61	–	–
Mostly done by others	1 318	1 170	11	5	131	104	27	–	–
Workers not reported	46	44	–	–	2	2	–	–	–
Costing $500 or more	1 904	1 700	18	10	176	136	39	–	–
Costing less than $500	946	800	6	–	140	100	40	–	–
Cost not reported	347	318	–	–	29	20	9	–	–
Bathroom remodeled or added not reported	377	265	5	–	108	99	8	1	–
Siding replaced or added	1 788	1 561	5	1	221	179	39	3	–
Mostly done by household	490	411	2	–	78	51	24	3	–
Mostly done by others	1 246	1 109	4	1	132	121	11	–	–
Workers not reported	52	41	–	–	11	7	4	–	–
Costing $500 or more	1 101	997	4	1	99	90	7	3	–
Costing less than $500	392	308	–	–	84	63	21	–	–
Cost not reported	295	255	1	–	38	26	12	–	–
Siding replaced or added not reported	413	278	5	–	130	106	23	1	–
Storm doors/windows bought and installed	4 066	3 501	20	10	535	420	115	–	–
Mostly done by household	1 785	1 472	8	4	301	227	74	–	–
Mostly done by others	2 187	1 952	13	5	217	176	40	–	–
Workers not reported	95	76	–	1	18	17	1	–	–
Costing $500 or more	1 725	1 578	9	5	133	107	27	–	–
Costing less than $500	1 877	1 520	12	4	342	278	63	–	–
Cost not reported	464	403	–	1	60	35	25	–	–
Storm doors/windows bought and installed not reported	386	263	5	–	118	110	8	1	–
Major equipment replaced or added	3 482	2 968	15	5	494	394	100	–	–
Mostly done by household	602	473	2	–	127	96	31	–	–
Mostly done by others	2 788	2 420	12	5	351	288	62	–	–
Workers not reported	92	74	2	–	16	10	6	–	–
Costing $500 or more	2 681	2 368	10	4	299	259	40	–	–
Costing less than $500	495	342	5	–	148	103	45	–	–
Cost not reported	306	259	–	1	46	32	14	–	–
Major equipment replaced or added not reported	412	281	5	–	126	118	8	1	–
Insulation added	2 176	1 798	10	5	363	254	106	3	–
Mostly done by household	1 199	935	6	5	252	168	82	3	–
Mostly done by others	904	794	4	–	106	84	23	–	–
Workers not reported	73	69	–	–	4	2	2	–	–
Costing $500 or more	429	391	4	2	33	32	1	–	–
Costing less than $500	1 229	976	5	2	247	161	84	3	–
Cost not reported	518	432	1	1	83	61	22	–	–
Insulation added not reported	429	303	5	1	120	107	12	1	–
Other major work[1]	6 581	5 129	23	11	1 417	1 267	140	10	–
Mostly done by household	2 209	1 641	13	6	550	482	65	3	–
Mostly done by others	4 147	3 308	9	5	824	751	66	7	–
Workers not reported	226	180	2	–	44	34	10	–	–
Other major work not reported	414	299	5	1	109	95	13	1	–
Government Subsidy for Repairs									
Units with major repairs the last 2 years	16 191	13 126	73	41	2 952	2 477	455	20	–
Received low-interest loan or grant	320	276	–	–	44	26	18	–	–
No low-interest loan or grant	15 538	12 593	73	38	2 834	2 388	426	20	–
Not reported	333	256	–	3	74	64	10	–	–

[1]Includes other major repairs, alterations, or improvements totaling over $500 each.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 7-1. Introductory Characteristics—Outside Metropolitan Statistical Areas—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**20 712**	**15 506**	**135**	**49**	**5 022**	**3 283**	**1 527**	**173**	**39**
Tenure									
Owner occupied	15 465	11 588	26	35	3 816	2 602	1 116	97	1
Percent of all occupied	74.7	74.7	18.9	72.0	76.0	79.3	73.1	56.2	1.7
Renter occupied	5 247	3 918	110	14	1 206	681	411	76	39
Race and Origin									
White	18 860	14 266	126	44	4 424	2 889	1 346	151	39
Non-Hispanic	18 249	13 857	122	44	4 226	2 812	1 254	126	34
Hispanic	611	409	4	–	199	77	92	25	5
Black	1 491	1 044	8	3	435	271	154	10	–
Other	361	196	1	1	162	123	27	13	–
Total Hispanic	666	448	4	–	214	83	101	26	5
Units in Structure									
1, detached	15 097	13 197	–	36	1 864	1 657	59	141	7
1, attached	436	314	–	2	120	112	–	5	3
2 to 4	1 268	905	133	9	221	205	–	9	6
5 to 9	424	280	2	1	141	136	–	5	–
10 to 19	202	162	–	–	40	29	–	4	6
20 to 49	187	118	–	–	68	47	–	4	17
50 or more	126	91	–	–	36	31	–	4	–
Mobile home or trailer	2 972	439	–	–	2 532	1 065	1 467	–	–
Cooperatives and Condominiums									
Cooperatives	24	10	–	–	14	11	3	–	–
Condominiums	145	73	–	–	71	70	–	–	1
Year Structure Built[1]									
1990 to 1994	426	–	–	–	426	426	–	–	–
1985 to 1989	1 308	–	–	–	1 308	1 308	–	–	–
1980 to 1984	1 647	63	–	–	1 584	1 549	35	–	–
1975 to 1979	2 911	2 196	5	4	705	–	608	79	18
1970 to 1974	2 385	1 889	–	1	495	–	484	11	–
1960 to 1969	2 798	2 449	7	2	340	–	308	15	17
1950 to 1959	2 307	2 221	7	4	75	–	63	11	1
1940 to 1949	1 597	1 546	15	11	25	–	17	8	–
1930 to 1939	1 485	1 345	94	24	23	–	6	16	1
1920 to 1929	1 059	1 023	–	–	35	–	5	30	–
1919 or earlier	2 789	2 774	7	2	6	–	–	4	2
Median	**1963**	**1955**	**1936**	**...**	**1982**	**1985**	**1974**	**1971**	**...**
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	...	...	...	...	...	...	...	...	...
In central cities	...	...	...	...	...	...	...	...	...
Suburbs	...	...	...	...	...	...	...	...	...
Outside metropolitan statistical areas	20 712	15 506	135	49	5 022	3 283	1 527	173	39
Regions									
Northeast	2 348	1 770	41	7	530	354	149	19	9
Midwest	6 600	5 589	49	23	939	700	197	22	20
South	8 730	6 004	35	11	2 679	1 679	898	102	–
West	3 034	2 142	11	8	874	550	283	30	11
Urbanized Areas									
Inside urbanized areas	...	...	...	...	...	...	...	...	...
In central cities of (P)MSA's	...	...	...	...	...	...	...	...	...
Urban fringe	640	499	6	8	127	93	25	10	–
Outside urbanized areas	20 072	15 007	130	41	4 895	3 190	1 502	164	39
Other urban	7 724	6 512	80	30	1 103	850	191	36	26
Rural	12 348	8 495	50	11	3 792	2 340	1 311	128	13
Place Size[2]									
Less than 2,500 persons	2 762	2 344	27	6	385	232	127	19	7
2,500 to 9,999 persons	3 368	2 810	52	14	492	337	135	20	1
10,000 to 19,999 persons	2 715	2 360	3	12	339	278	42	10	9
20,000 to 49,999 persons	2 102	1 762	30	10	299	233	39	10	17
50,000 to 99,999 persons	–	–	–	–	–	–	–	–	–
100,000 to 249,999 persons	–	–	–	–	–	–	–	–	–
250,000 to 499,999 persons	–	–	–	–	–	–	–	–	–
500,000 to 999,999 persons	–	–	–	–	–	–	–	–	–
1,000,000 persons or more	–	–	–	–	–	–	–	–	–

[1]For mobile home, oldest category is 1939 or earlier.
[2]Figures will not add to total, because all units are not in Places.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 7-2. Height and Condition of Building—Outside Metropolitan Statistical Areas—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**20 712**	**15 506**	**135**	**49**	**5 022**	**3 283**	**1 527**	**173**	**39**
Stories in Structure									
1	535	365	25	4	141	123	–	6	12
2	903	601	31	1	271	256	–	13	1
3	592	464	72	5	51	50	–	1	–
4 to 6	155	110	6	1	37	14	–	7	17
7 or more	20	15	–	–	5	5	–	–	–
Not reported	2	–	2	–	–	–	–	–	–
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	1 670	1 190	108	7	364	326	–	21	18
None (on same floor)	742	511	57	6	168	161	–	8	–
1 (up or down)	487	366	35	–	85	81	–	2	2
2 or more (up or down)	224	154	4	1	65	38	–	11	16
Not reported	216	159	11	–	46	46	–	–	–
Common Stairways									
Multiunits, 2 or more floors	1 670	1 190	108	7	364	326	–	21	18
No common stairways	561	386	74	5	96	96	–	–	–
With common stairways	894	646	24	1	222	184	–	21	18
No loose steps	841	601	23	1	216	181	–	21	14
Railings not loose	714	506	13	1	193	160	–	20	14
Railings loose	42	29	3	–	10	9	–	–	–
No railings	72	56	8	–	8	7	–	1	–
Status of railings not reported	14	9	–	–	5	5	–	–	–
Loose steps	51	43	1	–	7	3	–	–	3
Railings not loose	36	29	1	–	5	2	–	–	3
Railings loose	9	8	–	–	2	2	–	–	–
No railings	6	6	–	–	–	–	–	–	–
Status of railings not reported	–	–	–	–	–	–	–	–	–
Status of steps not reported	2	2	–	–	–	–	–	–	–
Status of stairways not reported	214	158	10	–	46	46	–	–	–
Light Fixtures in Public Halls									
2 or more units in structure	2 205	1 556	133	10	506	449	–	27	29
No public halls	1 136	770	105	8	254	235	–	14	5
No light fixtures in public halls	5	5	–	–	–	–	–	–	–
All in working order	607	434	9	2	163	128	–	11	24
Some in working order	17	15	2	–	–	–	–	–	–
None in working order	5	2	3	–	–	–	–	–	–
Unable to determine if working	136	110	1	–	24	24	–	–	–
Not reported	299	220	14	–	65	62	–	3	–
Elevator on Floor									
Multiunits, 2 or more floors	1 670	1 190	108	7	364	326	–	21	18
With 1 or more elevators working	108	69	–	–	39	19	–	4	17
With elevator, none in working condition	3	–	–	–	3	3	–	–	–
No elevator	1 349	967	98	6	277	259	–	17	1
Units 3 or more floors from main entrance	24	20	–	–	4	4	–	–	–
Not reported	211	155	10	–	46	46	–	–	–
Foundation									
1 unit bldg. excl. mobile homes	15 533	13 511	–	38	1 984	1 769	59	146	10
With basement under all of building	4 869	4 253	–	21	594	575	5	12	2
With basement under part of building	2 547	2 404	–	7	137	118	4	15	–
With crawl space	5 471	4 746	–	9	716	604	38	68	6
On concrete slab	2 225	1 733	–	2	490	444	3	42	2
Other	421	375	–	–	46	28	10	8	–
Not reported	–	–	–	–	–	–	–	–	–
External Building Conditions[1]									
Sagging roof	22	18	1	3	1	–	–	1	–
Missing roofing material	17	12	3	–	3	3	–	–	–
Hole in roof	–	–	–	–	–	–	–	–	–
Could not see roof	109	81	6	–	21	13	–	8	–
Missing bricks, siding, other outside wall material	46	34	6	3	3	3	–	–	–
Sloping outside walls	16	15	–	–	1	–	–	1	–
Boarded up windows	1	–	1	–	–	–	–	–	–
Broken windows	17	17	–	–	–	–	–	–	–
Bars on windows	–	–	–	–	–	–	–	–	–
Foundation crumbling or has open crack or hole	50	47	2	–	1	–	–	1	–
Could not see foundation	52	35	4	–	13	8	–	4	–
None of the above	1 671	1 156	104	7	405	362	–	13	29
Could not observe or not reported	333	246	14	–	72	68	–	4	–
Site Placement									
Mobile homes	2 972	439	–	–	2 532	1 065	1 467	–	–
First site	1 448	257	–	–	1 191	719	472	–	–
Moved from another site	1 029	95	–	–	934	265	669	–	–
Don't know	395	71	–	–	324	57	267	–	–
Not reported	99	16	–	–	83	23	59	–	–
Previous Occupancy									
Unit built 1980 or later	3 381	63	–	–	3 318	3 283	35	–	–
Not previously occupied	1 964	17	–	–	1 948	1 913	23	12	–
Not reported	443	30	–	–	413	409	4	–	–

[1]Figures may not add to total because more than one category may apply.

SECTION A. **1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS**

Table 7-3. **Size of Unit and Lot—Outside Metropolitan Statistical Areas—Occupied Units**

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**20 712**	**15 506**	**135**	**49**	**5 022**	**3 283**	**1 527**	**173**	**39**
Rooms									
1 room	38	33	–	–	5	3	–	–	2
2 rooms	126	109	–	–	17	2	6	5	4
3 rooms	1 063	712	35	3	314	194	81	19	20
4 rooms	3 877	2 349	42	2	1 484	722	699	54	9
5 rooms	5 240	3 770	29	7	1 435	919	468	48	–
6 rooms	4 749	3 866	11	6	865	658	178	29	–
7 rooms	2 896	2 442	10	13	431	383	48	–	–
8 rooms	1 509	1 259	4	7	240	215	25	–	–
9 rooms	664	508	–	3	153	114	21	18	–
10 rooms or more	550	458	4	9	79	75	–	–	4
Median	**5.5**	**5.7**	**4.3**	**...**	**5.0**	**5.3**	**4.5**	**4.7**	**...**
Bedrooms									
None	86	77	–	–	9	4	1	2	2
1	1 470	1 033	53	3	381	236	95	25	26
2	6 719	4 620	50	12	2 038	1 055	885	88	9
3	9 443	7 257	20	15	2 151	1 578	514	59	–
4 or more	2 993	2 518	12	19	444	410	32	–	2
Median	**2.7**	**2.8**	**1.8**	**...**	**2.5**	**2.7**	**2.3**	**2.2**	**...**
Complete Bathrooms									
None	194	150	4	–	39	24	16	–	–
1	10 931	8 628	117	14	2 172	1 062	975	103	33
1 and one-half	3 406	2 761	6	4	636	387	225	22	2
2 or more	6 180	3 967	8	31	2 175	1 811	311	49	4
Square Footage of Unit									
Single detached and mobile homes	18 068	13 636	–	36	4 396	2 722	1 527	141	7
Less than 500	254	140	–	–	115	9	106	–	–
500 to 749	1 111	580	–	–	531	92	428	11	–
750 to 999	2 330	1 378	–	–	953	463	465	25	–
1,000 to 1,499	4 654	3 569	–	2	1 083	769	281	33	–
1,500 to 1,999	3 227	2 642	–	5	580	482	78	20	–
2,000 to 2,499	2 211	1 924	–	5	282	255	14	14	–
2,500 to 2,999	1 201	1 039	–	2	160	157	2	–	–
3,000 to 3,999	954	810	–	2	142	137	5	–	–
4,000 or more	599	470	–	4	126	108	10	6	2
Not reported	1 527	1 085	–	17	425	248	139	33	5
Median	**1 492**	**1 615**	**...**	**...**	**1 179**	**1 437**	**836**	**1 283**	**...**
Lot Size									
Less than one-eighth acre	1 167	889	–	3	275	119	152	–	4
One-eighth up to one-quarter acre	2 422	2 089	–	9	325	192	100	32	–
One-quarter up to one-half acre	2 068	1 719	–	5	344	260	84	–	–
One-half up to one acre	2 152	1 620	–	2	531	373	148	8	2
1 to 4 acres	4 028	2 676	–	3	1 350	886	433	31	–
5 to 9 acres	721	485	–	1	235	167	68	–	–
10 acres or more	2 090	1 552	–	–	538	319	194	25	–
Don't know	3 730	2 856	–	15	858	469	335	50	4
Not reported	126	64	–	–	62	49	13	–	–
Median	**.89**	**.75**	**...**	**...**	**1.96**	**1.96**	**1.97**	**2.04**	**...**
Persons Per Room									
0.50 or less	14 351	11 092	81	24	3 155	2 140	862	124	29
0.51 to 1.00	5 928	4 181	47	23	1 677	1 059	581	30	7
1.01 to 1.50	352	190	8	2	152	65	68	19	–
1.51 or more	81	42	–	–	39	19	16	–	4
Square Feet Per Person									
Single detached and mobile homes	18 068	13 636	–	36	4 396	2 722	1 527	141	7
Less than 200	708	361	–	–	347	98	243	7	–
200 to 299	1 406	835	–	2	569	261	295	13	–
300 to 399	1 855	1 348	–	2	505	307	188	10	–
400 to 499	1 932	1 348	–	1	583	371	192	20	–
500 to 599	1 582	1 174	–	3	405	269	136	–	–
600 to 699	1 495	1 170	–	3	323	225	94	4	–
700 to 799	1 283	1 023	–	2	259	155	99	2	2
800 to 899	951	754	–	1	195	142	50	3	–
900 to 999	817	639	–	–	178	137	41	–	–
1,000 to 1,499	2 602	2 194	–	3	406	337	34	35	–
1,500 or more	1 908	1 704	–	3	202	172	16	14	–
Not reported	1 527	1 085	–	17	425	248	139	33	5
Median	**653**	**704**	**...**	**...**	**497**	**575**	**383**	**722**	**...**

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 7-4. Selected Equipment and Plumbing—Outside Metropolitan Statistical Areas—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	**20 712**	**15 506**	**135**	**49**	**5 022**	**3 283**	**1 527**	**173**	**39**
Equipment[1]									
Lacking complete kitchen facilities	193	141	–	–	52	38	12	–	2
With complete kitchen (sink, refrigerator and burners)	20 519	15 364	135	49	4 970	3 245	1 514	173	37
Kitchen sink	20 615	15 427	135	49	5 004	3 267	1 524	173	39
Refrigerator	20 659	15 477	135	49	4 999	3 270	1 517	173	39
Less than 5 years old	6 321	4 322	39	16	1 944	1 476	400	55	12
Age not reported	257	166	6	–	85	66	14	5	–
Burners and oven	20 642	15 450	135	49	5 008	3 271	1 527	173	37
Less than 5 years old	5 292	3 434	38	15	1 804	1 444	299	50	11
Age not reported	297	212	4	–	81	62	19	–	–
Burners only	25	21	–	–	4	2	–	–	2
Less than 5 years old	6	6	–	–	–	–	–	–	–
Age not reported	6	4	–	–	2	2	–	–	–
Oven only	12	6	–	–	6	6	–	–	–
Less than 5 years old	4	4	–	–	–	–	–	–	–
Age not reported	3	3	–	–	–	–	–	–	–
Neither burners nor oven	32	28	–	–	4	4	–	–	–
Dishwasher	8 033	5 953	28	14	2 039	1 739	248	49	2
Less than 5 years old	2 618	1 658	12	6	942	859	60	23	–
Age not reported	121	87	–	–	34	30	5	–	–
Washing machine	17 566	13 384	69	41	4 072	2 826	1 122	122	2
Less than 5 years old	5 935	4 148	29	15	1 742	1 251	432	59	–
Age not reported	124	94	2	–	29	19	1	8	–
Clothes dryer	15 952	12 123	59	39	3 731	2 706	913	111	2
Less than 5 years old	4 533	3 109	19	12	1 392	1 094	272	27	–
Age not reported	110	83	2	–	24	19	5	–	–
Disposal in kitchen sink	4 899	3 741	5	13	1 140	1 017	90	30	3
Less than 5 years old	1 591	1 021	5	7	559	515	33	8	3
Age not reported	140	106	–	–	33	30	3	–	–
Air conditioning:									
Central	6 905	4 772	16	8	2 109	1 734	313	59	3
1 room unit	4 932	3 793	38	14	1 087	542	521	15	10
2 room units	1 580	1 274	14	5	287	135	126	17	10
3 room units or more	391	365	1	1	24	15	8	1	–
Main Heating Equipment									
Warm-air furnace	10 709	7 892	60	22	2 735	1 710	935	85	4
Steam or hot water system	1 727	1 486	39	9	194	157	19	1	17
Electric heat pump	1 436	770	–	–	666	583	70	13	–
Built-in electric units	1 794	1 324	4	6	461	380	58	16	6
Floor, wall, or other built-in hot air units without ducts	801	738	3	1	59	16	32	3	7
Room heaters with flue	992	866	6	1	118	52	48	14	5
Room heaters without flue	913	722	3	5	183	58	110	15	–
Portable electric heaters	133	73	2	–	58	16	38	4	–
Stoves	1 574	1 144	19	2	409	218	172	20	–
Fireplaces with inserts	256	205	–	–	51	39	12	–	–
Fireplaces without inserts	74	48	–	2	24	20	4	–	–
Other	273	217	–	–	55	30	25	–	–
None	30	20	–	–	10	6	4	1	–
Other Heating Equipment									
With other heating equipment[1]	7 883	6 032	32	14	1 806	1 229	520	51	6
Warm-air furnace	590	395	3	1	192	99	93	–	–
Steam or hot water system	75	62	–	1	11	6	5	–	–
Electric heat pump	71	51	–	–	19	19	–	–	–
Built-in electric units	910	710	6	–	194	154	29	5	6
Floor, wall, or other built-in hot-air units without ducts	171	151	–	–	20	14	6	–	–
Room heaters with flue	345	275	–	1	69	26	39	4	–
Room heaters without flue	889	654	6	3	226	100	126	–	–
Portable electric heaters	1 486	1 237	8	3	238	110	117	11	–
Stoves	1 543	1 145	5	3	390	276	85	29	–
Fireplaces with inserts	1 080	773	–	–	307	287	14	6	–
Fireplaces with no inserts	1 379	1 109	5	3	262	232	29	1	–
Other	358	280	3	–	75	58	18	–	–
Plumbing[2]									
With all plumbing facilities	20 072	15 041	122	49	4 860	3 169	1 479	173	39
Lacking some plumbing facilities[1]	71	51	4	–	16	11	4	–	–
No hot piped water	21	17	–	–	4	–	4	–	–
No bathtub nor shower	53	44	4	–	5	3	2	–	–
No flush toilet	31	22	–	–	8	8	–	–	–
No plumbing facilities for exclusive use	568	413	9	–	146	103	43	–	–
Source of Water									
Public system or private company	14 812	11 386	121	42	3 263	2 251	872	104	37
Well serving 1 to 5 units	5 404	3 778	11	5	1 609	968	572	70	–
Drilled	4 460	3 106	3	3	1 348	848	450	50	–
Dug	704	488	1	–	215	94	109	11	–
Not reported	240	184	6	2	47	25	13	9	–
Other	496	341	4	1	150	64	83	–	3

SECTION A. **1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS**

Table 7-4. **Selected Equipment and Plumbing—Outside Metropolitan Statistical Areas—Occupied Units**—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Means of Sewage Disposal									
Public sewer	11 202	9 166	99	42	1 894	1 366	423	71	34
Septic tank, cesspool, chemical toilet	9 412	6 257	36	7	3 112	1 906	1 099	102	5
Other	98	83	–	–	16	11	5	–	–

[1]Figures may not add to total because more than one category may apply to a unit.
[2]Data not up to publication standards; see "Qualifications of the Data" section in the Introduction.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 7-5. Fuels—Outside Metropolitan Statistical Areas—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**20 712**	**15 506**	**135**	**49**	**5 022**	**3 283**	**1 527**	**173**	**39**
Main House Heating Fuel									
Housing units with heating fuel	20 682	15 486	135	49	5 012	3 277	1 523	173	39
Electricity	4 842	2 905	10	6	1 921	1 519	343	52	6
Piped gas	8 234	7 082	57	30	1 065	664	326	49	27
Bottled gas	2 207	1 352	4	1	850	493	326	27	4
Fuel oil	2 419	2 083	32	7	297	149	138	7	2
Kerosene or other liquid fuel	524	251	2	1	270	98	155	18	–
Coal or coke	169	143	5	–	20	9	12	–	–
Wood	2 181	1 611	20	4	546	324	205	17	–
Solar energy	10	5	–	–	5	3	2	–	–
Other	96	53	4	–	38	19	16	3	–
Other House Heating Fuels									
With other heating fuels[1]	6 178	4 632	24	14	1 509	1 027	426	51	5
Electricity	1 886	1 415	14	6	452	282	145	19	5
Piped gas	218	176	–	1	42	24	18	–	–
Bottled gas	406	284	3	–	119	75	41	4	–
Fuel oil	300	267	1	1	30	16	14	–	–
Kerosene or other liquid fuel	677	487	4	3	183	76	107	–	–
Coal or coke	82	71	–	–	11	9	2	–	–
Wood	2 743	2 051	4	5	682	554	99	29	–
Solar energy	46	31	–	–	15	13	2	–	–
Other	60	46	–	–	14	8	6	–	–
Not reported	268	214	–	–	54	28	26	–	–
Cooking Fuel									
With cooking fuel	20 679	15 478	135	49	5 018	3 279	1 527	173	39
Electricity	13 640	10 421	81	31	3 107	2 329	629	118	31
Piped gas	4 359	3 600	41	14	704	359	328	14	4
Bottled gas	2 453	1 333	14	4	1 102	551	520	27	4
Kerosene or other liquid fuel	111	66	–	–	45	17	27	–	–
Coal or coke	4	4	–	–	–	–	–	–	–
Wood	35	24	–	–	11	11	–	–	–
Other	78	29	–	–	49	12	23	14	–
Water Heating Fuel									
With hot piped water	20 605	15 421	135	49	5 000	3 272	1 515	173	39
Electricity	10 570	7 175	52	20	3 323	2 230	971	111	12
Piped gas	7 366	6 399	62	23	882	576	249	34	23
Bottled gas	1 639	1 047	11	3	578	345	214	15	4
Fuel oil	720	607	11	1	101	80	22	–	–
Kerosene or other liquid fuel	103	51	–	1	51	19	32	–	–
Coal or coke	36	36	–	–	–	–	–	–	–
Wood	51	35	–	–	16	5	11	–	–
Solar energy	41	31	–	–	10	8	2	–	–
Other	80	40	–	1	39	10	15	14	–
Central Air Conditioning Fuel									
With central air conditioning	6 905	4 772	16	8	2 109	1 734	313	59	3
Electricity	6 385	4 334	16	8	2 027	1 659	308	59	3
Piped gas	438	375	–	1	61	60	1	–	–
Other	82	63	–	–	20	16	4	–	–
Clothes Dryer Fuel									
With clothes dryer	15 952	12 123	59	39	3 731	2 706	913	111	2
Electricity	14 056	10 494	55	37	3 470	2 544	834	90	2
Piped gas	1 484	1 336	4	2	141	103	34	4	–
Other	413	292	–	–	120	59	44	17	–
Units Using Each Fuel[1]									
Electricity	20 680	15 490	135	49	5 006	3 271	1 527	173	35
All-electric units	4 124	2 464	8	4	1 648	1 350	249	42	6
Piped gas	9 292	7 919	76	33	1 264	791	392	54	27
Bottled gas	4 010	2 485	20	6	1 499	777	661	57	4
Fuel oil	3 109	2 655	36	8	410	217	175	7	11
Kerosene or other liquid fuel	1 247	782	6	4	455	173	264	18	–
Coal or coke	251	214	5	–	32	18	14	–	–
Wood	4 925	3 662	25	8	1 230	880	304	46	–
Solar energy	91	63	–	–	28	24	4	–	–
Other	216	128	4	1	82	33	33	17	–

[1]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 7-6. Failures in Equipment—Outside Metropolitan Statistical Areas—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**20 712**	**15 506**	**135**	**49**	**5 022**	**3 283**	**1 527**	**173**	**39**
Water Supply Stoppage									
With hot and cold piped water	20 605	15 421	135	49	5 000	3 272	1 515	173	39
No stoppage in last 3 months	19 516	14 689	130	46	4 650	3 057	1 386	173	35
With stoppage in last 3 months	850	554	5	1	290	201	85	–	4
No stoppage lasting 6 hours or more	289	202	–	–	87	67	20	–	–
1 time lasting 6 hours or more	391	231	4	1	155	104	47	–	4
2 times	37	29	–	–	8	4	4	–	–
3 times	32	20	1	–	11	–	11	–	–
4 times or more	19	16	–	–	3	1	2	–	–
Number of times not reported	82	57	–	–	26	25	1	–	–
Stoppage not reported	239	178	–	2	60	14	45	–	1
Flush Toilet Breakdowns									
With one or more flush toilets	20 595	15 416	135	49	4 996	3 264	1 519	173	39
With at least one working toilet at all times in last 3 months	19 510	14 576	125	48	4 762	3 153	1 413	157	39
None working some time in last 3 months	1 035	798	11	1	224	111	106	7	–
No breakdowns lasting 6 hours or more	259	206	2	–	52	28	18	6	–
1 time lasting 6 hours or more	524	402	6	1	116	53	63	–	–
2 times	66	60	1	–	5	2	2	–	–
3 times	33	19	1	–	13	8	5	–	–
4 times or more	37	29	1	–	7	2	4	2	–
Number of times not reported	115	83	–	–	33	18	15	–	–
Breakdowns not reported	51	41	–	–	10	–	–	9	1
Sewage Disposal Breakdowns									
With public sewer	11 202	9 166	99	42	1 894	1 366	423	71	34
No breakdowns in last 3 months	11 000	8 999	96	42	1 863	1 351	407	71	34
With breakdowns in last 3 months	202	167	3	–	31	15	16	–	–
No breakdowns lasting 6 hours or more	62	52	2	–	8	3	5	–	–
1 time lasting 6 hours or more	118	94	–	–	23	12	12	–	–
2 times	2	2	–	–	–	–	–	–	–
3 times	8	8	–	–	–	–	–	–	–
4 times or more	12	11	1	–	–	–	–	–	–
With septic tank or cesspool	9 412	6 257	36	7	3 112	1 906	1 099	102	5
No breakdowns in last 3 months	9 247	6 138	36	6	3 067	1 876	1 084	102	5
With breakdowns in last 3 months	164	119	–	1	44	30	15	–	–
No breakdowns lasting 6 hours or more	42	22	–	–	19	11	8	–	–
1 time lasting 6 hours or more	108	84	–	1	23	19	4	–	–
2 times	10	10	–	–	–	–	–	–	–
3 times	–	–	–	–	–	–	–	–	–
4 times or more	4	2	–	–	2	–	2	–	–
Heating Problems									
With heating equipment and occupied last winter	18 736	14 195	95	41	4 404	2 895	1 348	128	33
Not uncomfortably cold for 24 hours or more last winter	17 569	13 362	86	38	4 083	2 707	1 223	120	33
Uncomfortably cold for 24 hours or more last winter[1]	1 132	808	9	3	312	181	123	8	–
Equipment breakdowns	319	229	1	1	87	41	42	5	–
No breakdowns lasting 6 hours or more	29	19	1	–	9	1	7	–	–
1 time lasting 6 hours or more	197	145	–	1	50	26	20	5	–
2 times	44	27	–	–	17	7	10	–	–
3 times	10	5	–	–	5	4	1	–	–
4 times or more	20	15	–	–	4	2	2	–	–
Number of times not reported	19	18	–	–	1	–	1	–	–
Other causes	852	600	7	2	242	145	89	8	–
Utility interruption	334	193	–	–	141	89	44	8	–
Inadequate heating capacity	159	138	3	1	17	6	11	–	–
Inadequate insulation	113	103	3	–	6	5	1	–	–
Other	223	144	1	–	77	44	33	–	–
Not reported	24	22	–	–	1	–	1	–	–
Reason for discomfort not reported	6	6	–	–	–	–	–	–	–
Discomfort not reported	34	25	–	–	9	7	2	–	–
Electric Fuses and Circuit Breakers									
With electrical wiring	20 687	15 493	135	49	5 010	3 271	1 527	173	39
No fuses or breakers blown in last 3 mo.	17 782	13 259	111	40	4 371	2 885	1 286	162	39
With fuses or breakers blown in last 3 mo.	2 717	2 108	24	5	580	343	231	6	–
1 time	1 387	1 082	9	1	295	190	101	5	–
2 times	529	401	6	2	119	65	53	1	–
3 times	254	210	1	1	42	23	18	1	–
4 times or more	307	234	3	–	69	20	49	–	–
Number of times not reported	240	181	4	–	55	45	10	–	–
Problem not reported or don't know	187	126	–	3	58	43	10	5	1

[1]Other causes and equipment breakdowns may not add to total as both may be reported.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 7-7. Additional Indicators of Housing Quality—Outside Metropolitan Statistical Areas—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**20 712**	**15 506**	**135**	**49**	**5 022**	**3 283**	**1 527**	**173**	**39**
Selected Amenities[1]									
Porch, deck, balcony, or patio	16 304	12 407	105	37	3 756	2 563	1 087	102	4
Not reported	40	32	–	–	8	5	3	–	–
Telephone available	19 227	14 569	98	42	4 518	3 068	1 271	140	38
Usable fireplace	4 972	3 957	10	9	995	907	81	7	–
Separate dining room	7 964	6 476	42	33	1 413	1 077	295	40	2
With 2 or more living rooms or recreation rooms, etc.	6 290	5 214	24	23	1 029	859	140	26	4
Garage or carport included with home	11 728	9 769	26	24	1 909	1 547	284	72	6
Not included	8 963	5 724	110	25	3 104	1 728	1 243	101	32
Offstreet parking included	7 761	4 802	96	24	2 839	1 573	1 143	93	30
Offstreet parking not reported	72	52	–	–	20	12	3	2	2
Garage or carport not reported	20	12	–	–	9	8	–	–	1
Cars and Trucks Available[1]									
No cars, trucks, or vans	1 631	1 269	27	2	334	174	137	8	14
Other households without cars	1 615	1 085	9	6	515	277	203	32	3
1 car with or without trucks or vans	11 254	8 476	76	21	2 681	1 747	851	68	16
2 cars	5 054	3 764	20	16	1 255	900	310	39	6
3 or more cars	1 157	913	4	4	237	185	26	26	–
With cars, no trucks or vans	9 353	7 075	74	15	2 189	1 472	620	77	20
1 truck or van with or without cars	7 585	5 610	28	26	1 921	1 257	598	63	2
2 or more trucks or vans	2 143	1 551	7	6	579	380	171	25	3
Owner or Manager on Property									
Rental, multiunit[2]	2 207	1 556	135	10	506	449	–	27	29
Owner or manager lives on property	530	370	28	–	132	123	–	8	1
Neither owner nor manager lives on property	1 421	1 017	80	7	317	272	–	16	29
Not reported	256	169	28	3	57	54	–	3	–
Selected Deficiencies[1]									
Signs of rats in last 3 months	822	548	3	4	266	116	150	–	–
Holes in floors	305	220	7	2	75	23	52	–	–
Open cracks or holes (interior)	949	754	10	7	178	88	82	8	–
Broken plaster or peeling paint (interior)	892	766	6	2	118	37	58	22	–
No electrical wiring	24	12	–	–	12	12	–	–	–
Exposed wiring	333	260	1	–	72	29	30	13	–
Rooms without electric outlets	487	411	6	3	67	29	32	6	–
Water Leakage During Last 12 Months									
No leakage from inside structure	18 434	13 804	123	37	4 470	2 968	1 320	149	34
With leakage from inside structure[1]	2 257	1 687	13	12	547	311	207	24	5
Fixtures backed up or overflowed	692	530	5	5	152	84	64	4	–
Pipes leaked	1 171	858	7	6	299	147	127	20	5
Other or unknown (includes not reported)	442	338	–	–	104	83	20	–	–
Interior leakage not reported	20	15	–	–	5	4	–	–	1
No leakage from outside structure	17 045	12 511	111	32	4 390	2 948	1 253	155	34
With leakage from outside structure[1]	3 633	2 972	25	16	620	324	274	18	4
Roof	1 701	1 301	13	5	383	159	219	3	2
Basement	1 353	1 286	7	6	53	52	–	1	–
Walls, closed windows, or doors	397	245	–	3	150	86	52	10	2
Other or unknown (includes not reported)	369	298	4	3	63	43	16	4	–
Exterior leakage not reported	33	22	–	–	11	11	–	–	1
Overall Opinion of Structure									
1 (worst)	133	100	–	3	30	7	23	–	–
2	81	59	4	1	17	4	13	–	–
3	136	108	1	–	26	4	22	–	–
4	212	170	3	–	39	7	28	–	4
5	1 569	1 198	25	3	343	135	199	9	–
6	1 060	842	3	1	214	95	113	6	–
7	2 287	1 766	18	11	492	260	223	9	–
8	4 863	3 759	33	12	1 059	686	332	25	16
9	2 708	2 089	18	5	596	422	123	44	6
10 (best)	7 448	5 261	29	13	2 146	1 621	431	81	12
Not reported	215	153	1	–	61	41	20	–	1
Selected Physical Problems									
Severe physical problems[1]	735	517	13	2	202	123	75	–	4
Plumbing	639	464	13	–	162	114	47	–	–
Heating	30	20	–	–	10	6	4	–	–
Electric	41	18	–	–	23	12	7	–	4
Upkeep	46	25	–	2	18	2	17	–	–
Hallways	–	–	–	–	–	–	–	–	–
Moderate physical problems[1]	1 368	1 086	9	6	267	103	147	17	–
Plumbing	70	48	2	–	20	10	8	2	–
Heating	851	678	3	5	165	58	91	15	–
Upkeep	452	373	6	3	70	25	45	–	–
Hallways	4	4	–	–	–	–	–	–	–
Kitchen	92	68	–	–	24	14	10	–	–

[1]Figures may not add to total because more than one category may apply to a unit.
[2]Two or more units of any tenure in the structure.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 7-8. Neighborhood—Outside Metropolitan Statistical Areas—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**20 712**	**15 506**	**135**	**49**	**5 022**	**3 283**	**1 527**	**173**	**39**
Overall Opinion of Neighborhood									
1 (worst)	211	161	8	1	41	31	8	–	2
2	128	103	–	1	24	13	11	–	–
3	185	104	4	–	77	46	17	15	–
4	265	208	2	3	52	26	26	–	–
5	1 512	1 144	20	2	346	197	135	12	3
6	844	636	7	3	197	119	70	6	3
7	1 738	1 366	16	7	349	234	103	10	2
8	4 161	3 273	20	12	854	565	237	43	9
9	2 626	2 019	21	5	581	412	151	16	2
10 (best)	8 341	6 036	36	13	2 256	1 499	673	66	18
No neighborhood	420	259	–	–	160	92	63	6	–
Not reported	282	195	1	2	84	49	34	–	1
Neighborhood Conditions									
With neighborhood	20 010	15 051	134	47	4 778	3 142	1 430	168	39
No problems	13 951	10 574	89	26	3 262	2 079	1 042	116	25
With problems[1]	5 978	4 426	45	21	1 486	1 037	384	51	13
Crime	388	283	7	3	95	57	37	–	–
Noise	1 057	789	14	3	251	161	71	12	8
Traffic	1 178	991	16	5	166	90	60	13	2
Litter or housing deterioration	706	600	2	3	102	87	12	–	2
Poor city or county services	255	159	3	–	93	74	19	–	–
Undesirable commercial, institutional, industrial	324	260	–	2	61	41	20	–	–
People	2 093	1 489	19	9	575	383	153	37	3
Other	1 591	1 125	8	2	456	347	106	1	2
Type of problem not reported	125	88	–	–	37	29	6	2	–
Presence of problems not reported	81	51	–	–	30	25	4	–	–
Description of Area Within 300 Feet[1]									
Single-family detached houses	1 062	765	102	8	187	150	–	13	24
Only single-family detached	–	–	–	–	–	–	–	–	–
Single-family attached or 1 to 3 story multiunit	1 141	773	34	6	328	311	–	10	7
4 to 6 story multiunit	88	62	1	–	25	4	–	7	14
7 stories or more multiunit	20	12	–	–	8	8	–	–	–
Mobile homes	71	48	6	–	17	12	–	5	–
Commercial, institutional, or industrial	608	417	42	2	147	116	–	14	17
Residential parking lots	368	235	6	–	127	102	–	9	17
Body of water	55	38	6	–	12	9	–	2	–
Open space, park, farm, or ranch	494	305	31	2	157	148	–	6	3
4+ lane highway, railroad, or airport	119	98	4	–	17	16	–	1	–
Other	93	67	13	1	12	8	–	4	–
Not observed or not reported	308	228	14	–	66	64	–	3	–
Age of Other Residential Buildings Within 300 Feet									
Older	187	115	–	–	73	57	–	9	6
About the same	1 277	908	79	7	283	266	–	10	6
Newer	54	36	13	–	4	4	–	–	–
Very mixed	242	165	19	3	55	34	–	5	17
No other residential buildings	122	94	8	–	21	20	–	1	–
Not reported	323	238	14	–	70	68	–	3	–
Mobile Homes in Group									
Mobile homes	2 972	439	–	–	2 532	1 065	1 467	–	–
1 to 6	2 443	318	–	–	2 125	890	1 234	–	–
7 to 20	148	23	–	–	124	43	81	–	–
21 or more	368	98	–	–	270	132	138	–	–
Not reported	13	–	–	–	13	–	13	–	–
Other Buildings Vandalized or With Interior Exposed									
None	1 766	1 246	111	10	398	351	–	24	23
1 building	29	21	1	–	7	–	–	–	7
More than 1 building	11	6	2	–	3	3	–	–	–
No buildings within 300 feet	43	29	4	–	9	9	–	–	–
Not reported	356	253	14	–	88	86	–	3	–
Bars on Windows of Buildings									
With other buildings within 300 feet	1 806	1 273	114	10	408	354	–	24	29
No bars on windows	1 774	1 251	113	10	400	348	–	23	29
1 building with bars	6	6	–	–	–	–	–	–	–
2 or more buildings with bars	13	9	1	–	3	3	–	–	–
Not reported	13	7	–	–	6	4	–	2	–
Condition of Streets									
No repairs needed	1 414	999	85	4	326	287	–	18	20
Minor repairs needed	437	306	32	5	93	85	–	5	4
Major repairs needed	29	24	–	–	5	–	–	–	5
No streets within 300 feet	20	8	2	–	10	10	–	–	–
Not reported	305	219	14	–	71	67	–	4	–
Trash, Litter, or Junk on Streets or any Properties									
None	1 498	1 045	85	7	360	323	–	17	20
Minor accumulation	366	266	31	3	65	54	–	6	5
Major accumulation	31	20	3	–	9	5	–	–	4
Not reported	310	225	14	–	71	67	–	4	–

[1]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 7-9. Household Composition—Outside Metropolitan Statistical Areas—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Population in housing units	**53 586**	**39 461**	**347**	**185**	**13 593**	**9 033**	**4 030**	**457**	**72**
Total	**20 712**	**15 506**	**135**	**49**	**5 022**	**3 283**	**1 527**	**173**	**39**
Persons									
1 person	4 849	3 759	46	4	1 041	562	385	66	28
2 persons	7 093	5 439	35	5	1 614	1 142	441	28	3
3 persons	3 603	2 591	27	10	975	635	314	26	–
4 persons	3 140	2 278	11	15	836	581	211	37	6
5 persons	1 382	965	8	11	398	282	117	–	–
6 persons	407	319	4	–	85	47	31	5	2
7 persons or more	237	156	5	4	73	33	29	12	–
Median	**2.3**	**2.2**	**2.1**	**...**	**2.4**	**2.4**	**2.4**	**2.2**	**...**
Number of Single Children Under 18 Years Old									
None	12 894	10 081	74	16	2 722	1 758	843	90	31
1	3 341	2 306	24	7	1 005	655	307	42	–
2	2 812	1 970	26	12	804	552	227	19	6
3	1 168	772	5	11	381	258	105	18	–
4	361	275	1	–	85	44	34	5	2
5	94	71	3	3	17	10	7	–	–
6 or more	43	32	3	–	9	5	4	–	–
Median	**.5-**	**.5-**	**.5-**	**...**	**.5-**	**.5-**	**.5-**	**.5-**	**...**
Persons 65 Years Old and Over									
None	14 607	10 388	119	41	4 058	2 675	1 228	139	16
1 person	4 008	3 317	17	5	669	390	223	32	23
2 persons or more	2 097	1 800	–	2	295	217	75	2	–
Age of Householder									
Under 25 years	888	541	24	5	318	195	103	19	1
25 to 29	1 593	999	32	–	562	330	217	14	–
30 to 34	2 078	1 330	22	5	721	514	174	27	6
35 to 44	4 366	3 113	27	19	1 208	833	334	39	2
45 to 54	3 148	2 407	10	6	725	452	262	9	3
55 to 64	2 843	2 246	8	7	582	390	153	35	5
65 to 74	3 185	2 606	8	2	568	366	173	25	4
75 years and over	2 611	2 264	5	5	338	203	110	7	19
Median	**50**	**52**	**33**	**...**	**43**	**42**	**43**	**42**	**...**
Household Composition by Age of Householder									
2-or-more person households	15 862	11 747	90	44	3 981	2 721	1 142	107	11
Married-couple families, no nonrelatives	12 146	9 036	39	36	3 035	2 118	819	88	11
Under 25 years	377	218	7	3	149	85	56	9	–
25 to 29 years	890	543	8	–	338	204	134	–	–
30 to 34 years	1 388	876	7	5	500	373	110	13	4
35 to 44 years	2 885	2 045	13	16	812	561	214	35	2
45 to 64 years	4 025	3 156	4	10	855	617	210	24	5
65 years and over	2 582	2 199	–	2	381	278	95	8	–
Other male householder	1 413	1 004	23	4	382	248	129	4	–
Under 45 years	859	560	21	2	275	181	90	4	–
45 to 64 years	355	279	–	1	75	44	31	–	–
65 years and over	198	165	2	–	32	24	8	–	–
Other female householder	2 303	1 707	28	5	564	354	194	15	–
Under 45 years	1 300	884	20	2	394	270	109	15	–
45 to 64 years	571	441	6	1	123	64	59	–	–
65 years and over	432	381	2	2	47	20	27	–	–
1-person households	4 849	3 759	46	4	1 041	562	385	66	28
Male householder	1 693	1 229	23	–	441	195	192	45	9
Under 45 years	808	562	17	–	229	123	91	15	1
45 to 64 years	414	296	5	–	113	25	66	20	2
65 years and over	470	371	–	–	99	47	35	10	6
Female householder	3 157	2 530	23	4	600	368	192	21	19
Under 45 years	419	296	11	1	110	75	25	8	2
45 to 64 years	625	480	3	–	142	93	49	–	–
65 years and over	2 113	1 753	9	3	348	200	118	13	17

SECTION A. **1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS**

Table 7-9. **Household Composition—Outside Metropolitan Statistical Areas—Occupied Units**—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Adults and Single Children Under 18 Years Old									
Total households with children	7 818	5 424	61	32	2 300	1 525	684	83	9
Married couples	5 723	3 963	31	26	1 704	1 148	482	65	9
One child under 6 only	817	499	8	4	305	213	70	22	–
One under 6, one or more 6 to 17	902	597	3	6	295	175	97	20	2
Two or more under 6 only	492	324	7	1	160	117	43	–	–
Two or more under 6, one or more 6 to 17	271	197	5	4	66	47	19	–	–
One or more 6 to 17 only	3 242	2 345	7	12	878	596	253	23	6
Other households with two or more adults	919	671	9	4	235	150	80	5	–
One child under 6 only	164	131	4	–	28	22	6	–	–
One under 6, one or more 6 to 17	137	94	2	–	41	30	11	–	–
Two or more under 6 only	59	35	2	–	23	19	1	2	–
Two or more under 6, one or more 6 to 17	51	32	–	–	19	15	4	–	–
One or more 6 to 17 only	508	379	1	4	124	64	58	3	–
Households with one adult or none	1 175	790	21	2	361	227	121	13	–
One child under 6 only	169	104	3	–	62	39	19	4	–
One under 6, one or more 6 to 17	167	115	2	1	50	28	21	–	–
Two or more under 6 only	75	41	4	–	30	12	12	6	–
Two or more under 6, one or more 6 to 17	51	39	3	–	9	4	5	–	–
One or more 6 to 17 only	713	490	10	2	211	143	64	4	–
Total households with no children	12 894	10 081	74	16	2 722	1 758	843	90	31
Married couples	6 484	5 103	8	11	1 361	994	342	23	3
Other households with two or more adults	1 560	1 219	20	1	319	201	116	2	–
Households with one adult	4 849	3 759	46	4	1 041	562	385	66	28
Own Never Married Children Under 18 Years Old									
No own children under 18 years	13 577	10 597	78	20	2 882	1 866	879	107	31
With own children under 18 years	7 134	4 908	57	28	2 140	1 417	648	67	9
Under 6 years only	1 525	960	26	6	534	364	150	20	–
1	955	581	13	5	356	249	94	12	–
2	482	333	12	1	135	93	40	2	–
3 or more	89	46	–	–	43	22	15	6	–
6 to 17 years only	4 225	3 018	17	15	1 174	767	375	26	6
1	2 008	1 432	10	3	564	352	198	14	–
2	1 554	1 118	8	8	421	286	115	13	6
3 or more	663	468	–	5	190	129	61	–	–
Both age groups	1 384	931	14	7	432	286	123	20	2
2	628	412	4	4	208	145	59	4	–
3 or more	756	518	10	4	223	141	64	16	2
Persons Other Than Spouse or Children[1]									
With other relatives	4 167	3 278	15	15	859	540	293	25	–
Single adult offspring 18 to 29	2 257	1 741	4	7	504	312	167	25	–
Single adult offspring 30 years of age or over	678	613	3	1	61	33	28	–	–
Households with three generations	361	277	2	1	82	39	29	14	–
Households with 1 subfamily	405	310	3	1	92	44	34	14	–
Subfamily householder age under 30	258	177	2	–	79	38	28	14	–
30 to 64	125	115	1	1	8	4	4	–	–
65 and over	22	18	–	–	4	2	2	–	–
Households with 2 or more subfamilies	28	11	1	–	16	16	–	–	–
Households with other types of relatives	1 389	1 065	7	8	309	212	97	–	–
With non-relatives	989	711	23	2	253	167	79	6	–
Co-owners or co-renters	317	225	7	–	85	61	18	6	–
Lodgers	165	112	4	–	49	38	10	–	–
Unrelated children, under 18 years old	226	176	1	1	47	33	14	–	–
Other non-relatives	441	321	12	–	107	60	47	1	–
One or more secondary families	148	114	–	–	33	21	12	–	–
2-person households, none related to each other	481	351	14	–	116	82	33	2	–
3-8 person households, none related to each other	65	50	2	–	13	10	–	3	–
Years of School Completed by Householder									
No school years completed	96	85	2	–	8	–	8	–	–
Elementary:									
less than 8 years	1 371	1 002	7	4	359	172	169	14	5
8 years	1 579	1 319	–	–	260	146	105	7	2
High School:									
1 to 3 years	2 851	2 111	24	2	713	359	315	26	13
4 years	8 303	6 086	72	21	2 124	1 346	691	76	12
College:									
1 to 3 years	3 326	2 440	21	11	855	659	185	6	5
4 years or more	3 185	2 462	9	11	703	602	55	44	2
Median	**12.5**	**12.5**	**12.5**	**...**	**12.6**	**12.7**	**12.2**	**12.5**	**...**
Year Householder Moved Into Unit									
1990 to 1994	4 371	2 830	61	13	1 467	1 004	373	81	9
1985 to 1989	5 604	3 360	35	14	2 194	1 535	592	39	28
1980 to 1984	2 527	1 613	3	4	906	657	215	32	3
1975 to 1979	2 379	2 170	7	2	201	30	157	14	–
1970 to 1974	1 715	1 557	–	1	157	38	113	7	–
1960 to 1969	1 974	1 894	9	4	68	14	54	–	–
1950 to 1959	1 185	1 159	9	4	13	–	13	–	–
1940 to 1949	628	609	9	5	5	4	1	–	–
1939 or earlier	328	313	1	1	12	2	10	–	–
Median	**1980**	**1977**	**1982**	**...**	**1986**	**1986**	**1985**	**1984**	**...**

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 7-9. Household Composition—Outside Metropolitan Statistical Areas—Occupied Units—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Household Moves and Formation in Last Year									
Total with a move in last year	3 599	2 432	65	17	1 085	704	293	81	6
Household all moved here from one unit	2 456	1 621	54	12	770	495	213	56	6
Householder of previous unit did not move here	450	306	11	1	133	99	28	5	1
Householder of previous unit moved here	1 923	1 259	42	10	613	380	176	51	6
Householder of previous unit not reported	83	56	1	1	25	16	9	–	–
Household moved here from two or more units	350	231	6	–	113	83	19	12	–
No previous householder moved here	80	46	3	–	32	25	6	–	–
1 previous householder moved here	71	52	–	–	20	17	3	–	–
2 or more previous householders moved here	156	106	3	–	48	27	9	12	–
Previous householder(s) not reported	42	28	–	–	13	13	–	–	–
Some already here, rest moved in	791	581	6	5	200	125	61	14	–
No previous householder moved here	304	210	1	2	91	58	33	–	–
1 or more previous householders moved here	382	296	3	2	82	42	26	14	–
Previous householder(s) not reported	105	75	2	1	27	26	2	–	–
Number of previous units not reported	2	–	–	–	2	2	–	–	–

[1]Figures may not add to total because more than one category may apply.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 7-10. Income Characteristics—Outside Metropolitan Statistical Areas—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**20 712**	**15 506**	**135**	**49**	**5 022**	**3 283**	**1 527**	**173**	**39**
Household Income									
Less than $5,000	1 550	1 152	12	1	385	194	177	14	1
$5,000 to $9,999	2 895	2 220	20	5	650	364	254	18	14
$10,000 to $14,999	2 467	1 767	30	4	665	315	324	11	16
$15,000 to $19,999	2 183	1 613	17	3	551	294	216	42	–
$20,000 to $24,999	2 139	1 619	11	3	507	339	157	10	–
$25,000 to $29,999	1 938	1 449	9	9	471	313	130	22	6
$30,000 to $34,999	1 469	1 094	2	1	372	281	91	–	–
$35,000 to $39,999	1 185	877	5	6	297	224	57	16	–
$40,000 to $49,999	1 775	1 344	15	4	412	315	63	34	1
$50,000 to $59,999	1 144	918	4	2	219	185	32	–	2
$60,000 to $79,999	1 020	776	8	6	230	221	6	3	–
$80,000 to $99,999	410	318	1	2	89	82	2	4	–
$100,000 to $119,999	241	161	–	1	79	68	11	–	–
$120,000 or more	295	198	1	1	95	87	8	–	–
Median	**22 948**	**23 094**	**16 471**	**...**	**22 561**	**27 160**	**15 203**	**21 177**	**...**
As percent of poverty level:									
Less than 50 percent	1 251	887	12	3	349	200	134	14	1
50 to 99	2 515	1 877	26	4	607	294	297	7	10
100 to 149	2 810	2 030	23	6	750	404	301	31	14
150 to 199	2 588	1 940	17	5	626	357	250	18	2
200 percent or more	11 548	8 771	57	31	2 689	2 028	545	103	13
Income of Families and Primary Individuals									
Less than $5,000	1 662	1 220	12	1	429	217	196	16	1
$5,000 to $9,999	2 911	2 237	22	5	647	356	255	21	14
$10,000 to $14,999	2 522	1 812	28	5	677	335	316	11	16
$15,000 to $19,999	2 177	1 616	17	3	542	287	219	36	–
$20,000 to $24,999	2 154	1 627	12	3	511	342	158	10	–
$25,000 to $29,999	1 977	1 489	12	9	468	314	127	22	6
$30,000 to $34,999	1 436	1 071	9	1	356	276	80	–	–
$35,000 to $39,999	1 145	841	4	6	294	221	57	16	–
$40,000 to $49,999	1 705	1 289	10	4	402	305	63	34	1
$50,000 to $59,999	1 103	883	3	2	216	186	27	–	2
$60,000 to $79,999	997	767	5	6	219	209	6	3	–
$80,000 to $99,999	404	312	1	2	89	82	2	4	–
$100,000 to $119,999	232	151	–	1	80	69	11	–	–
$120,000 or more	286	192	1	1	92	84	8	–	–
Median	**22 514**	**22 668**	**16 471**	**...**	**22 105**	**26 660**	**14 938**	**21 177**	**...**
Income Sources of Families and Primary Individuals									
Wages and salaries	14 247	10 403	114	42	3 687	2 450	1 100	123	14
Wages and salaries were majority of income	12 154	8 791	96	39	3 229	2 138	964	114	13
2 or more people each earned over 20% of wages and salaries	4 776	3 466	15	23	1 272	918	315	37	3
Business, farm, or ranch	3 508	2 640	23	10	835	633	158	40	4
Social security or pensions	7 730	6 294	26	15	1 394	915	413	41	26
Interest or dividend(s)	4 700	3 817	5	12	866	720	110	22	15
Rental income	1 916	1 526	30	10	351	273	72	4	2
With lodger(s)	165	112	4	–	49	38	10	–	–
Welfare or SSI	1 553	1 097	24	4	428	211	211	6	–
Alimony or child support	950	696	7	3	244	163	80	–	1
Other	2 142	1 518	22	4	597	384	205	4	4
Amount of Savings and Investments									
Income of $25,000 or less	11 873	8 853	94	20	2 906	1 615	1 164	94	32
No savings or investments	5 612	3 950	58	15	1 589	820	723	38	8
$25,000 or less	3 911	3 046	26	4	836	466	313	38	18
More than $25,000	1 384	1 124	4	2	255	176	64	9	6
Not reported	967	734	7	–	226	153	64	9	–
Food Stamps									
Income of $25,000 or less	11 873	8 853	94	20	2 906	1 615	1 164	94	32
Family members received food stamps	1 805	1 222	28	4	551	271	268	12	–
Did not receive food stamps	9 495	7 211	62	17	2 206	1 244	860	70	32
Not reported	573	420	5	–	148	100	36	12	–
Rent Reductions									
No subsidy or income reporting	4 268	3 275	102	14	878	415	375	58	29
Rent control	–	–	–	–	–	–	–	–	–
No rent control	4 265	3 272	102	14	878	415	375	58	29
Reduced by owner	433	344	9	1	78	25	45	9	–
Not reduced by owner	3 804	2 910	93	12	788	382	329	49	28
Owner reduction not reported	28	18	–	–	11	9	1	–	1
Rent control not reported	3	3	–	–	–	–	–	–	–
Owned by public housing authority	432	275	2	–	155	131	3	12	9
Other, Federal subsidy	310	203	–	–	107	89	18	–	–
Other, State or local subsidy	86	64	2	–	20	16	2	2	–
Other, income verification	94	65	2	–	27	27	–	–	–
Subsidy or income verification not reported	57	36	1	–	19	3	12	4	–

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 7-11. Selected Housing Costs—Outside Metropolitan Statistical Areas—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**20 712**	**15 506**	**135**	**49**	**5 022**	**3 283**	**1 527**	**173**	**39**
Monthly Housing Costs									
Less than $100	1 052	660	1	–	391	171	214	6	–
$100 to $199	4 693	3 621	7	2	1 063	543	470	43	8
$200 to $249	2 121	1 740	17	3	361	205	156	–	1
$250 to $299	1 703	1 321	7	5	369	227	121	21	–
$300 to $349	1 411	1 067	16	5	322	179	119	22	2
$350 to $399	1 277	920	20	6	331	215	109	4	3
$400 to $449	1 190	885	9	4	292	178	88	26	–
$450 to $499	950	740	10	–	201	151	40	7	2
$500 to $599	1 445	1 090	18	4	334	297	28	7	2
$600 to $699	956	725	6	4	222	187	17	7	10
$700 to $799	695	512	6	2	174	151	21	–	2
$800 to $999	762	529	3	7	222	212	11	–	–
$1,000 to $1,249	316	210	4	3	99	97	2	–	–
$1,250 to $1,499	136	80	1	1	53	53	–	–	–
$1,500 or more	185	107	–	–	78	71	7	–	–
No cash rent	837	612	6	1	217	112	79	17	9
Mortgage payment not reported	982	687	3	1	292	234	45	13	–
Median (excludes no cash rent)	**296**	**291**	**385**	**...**	**311**	**383**	**206**	**303**	**...**
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	**294**	**289**	**...**	**...**	**308**	**395**	**188**	**296**	**...**
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	**123**	**111**	**...**	**...**	**150**	**210**	**100-**	**183**	**...**
Monthly Housing Costs as Percent of Current Income									
Less than 5 percent	955	630	–	1	324	189	112	23	–
5 to 9 percent	3 143	2 414	5	10	714	417	280	16	1
10 to 14 percent	3 442	2 721	7	5	710	464	206	38	2
15 to 19 percent	2 950	2 223	17	10	699	485	202	11	1
20 to 24 percent	2 140	1 581	29	5	525	367	133	18	6
25 to 29 percent	1 512	1 168	8	4	333	248	80	–	4
30 to 34 percent	1 054	768	15	–	270	198	59	11	2
35 to 39 percent	719	519	3	3	195	116	73	4	2
40 to 49 percent	998	705	16	2	275	171	94	7	4
50 to 59 percent	465	361	11	1	92	65	27	–	–
60 to 69 percent	304	208	4	1	90	56	28	6	–
70 to 99 percent	424	306	4	4	110	56	44	3	7
100 percent or more[1]	560	432	8	–	120	73	46	1	–
Zero or negative income	226	170	–	–	56	32	18	6	–
No cash rent	837	612	6	1	217	112	79	17	9
Mortgage payment not reported	982	687	3	1	292	234	45	13	–
Median (excludes 3 previous lines)	**18**	**18**	**28**	**...**	**18**	**19**	**17**	**14**	**...**
Median (excludes 4 lines before medians)	**18**	**17**	**26**	**...**	**18**	**19**	**17**	**14**	**...**
Rent Paid by Lodgers									
Lodgers in housing units	165	112	4	–	49	38	10	–	–
Less than $100 per month	15	14	–	–	1	–	1	–	–
$100 to $199	74	47	–	–	27	22	5	–	–
$200 to $299	34	23	4	–	6	6	–	–	–
$300 to $399	12	6	–	–	6	2	4	–	–
$400 or more per month	9	9	–	–	–	–	–	–	–
Not reported	22	14	–	–	8	8	–	–	–
Median	**176**	**176**	**...**	**...**	**...**	**...**	**...**	**...**	**...**
Monthly Cost Paid for Electricity									
Electricity used	20 680	15 490	135	49	5 006	3 271	1 527	173	35
Less than $25	1 817	1 437	15	3	363	162	158	42	1
$25 to $49	6 804	5 187	36	10	1 571	953	547	70	–
$50 to $74	5 050	3 719	25	17	1 289	885	379	23	2
$75 to $99	2 640	1 873	14	7	746	526	199	20	–
$100 to $149	1 902	1 348	4	2	547	450	90	7	–
$150 to $199	435	317	4	3	111	85	22	4	–
$200 or more	186	143	–	1	42	25	14	2	–
Median	**54**	**53**	**49**	**...**	**58**	**62**	**50**	**40**	**...**
Included in rent, other fee, or obtained free	1 847	1 467	37	5	337	183	117	5	32
Monthly Cost Paid for Piped Gas									
Piped gas used	9 292	7 919	76	33	1 264	791	392	54	27
Less than $25	1 851	1 458	7	6	380	257	112	12	–
$25 to $49	4 022	3 495	22	5	500	338	150	11	1
$50 to $74	1 639	1 462	9	10	158	88	53	17	–
$75 to $99	463	421	1	4	37	19	12	4	2
$100 to $149	165	147	5	–	13	7	6	–	–
$150 to $199	35	29	–	–	6	–	5	1	–
$200 or more	61	47	–	–	13	8	5	–	–
Median	**39**	**40**	**42**	**...**	**34**	**33**	**35**	**...**	**...**
Included in rent, other fee, or obtained free	1 055	861	32	7	156	74	48	10	24

SECTION A. **1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS**

Table 7-11. **Selected Housing Costs—Outside Metropolitan Statistical Areas—Occupied Units**—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Average Monthly Cost Paid for Fuel Oil									
Fuel oil used	3 109	2 655	36	8	410	217	175	7	11
Less than $25	468	370	1	–	97	43	54	–	–
$25 to $49	882	757	13	2	111	42	62	7	–
$50 to $74	785	678	3	2	103	63	40	–	–
$75 to $99	373	338	6	2	27	17	8	–	2
$100 to $149	304	283	2	2	17	16	–	–	–
$150 to $199	37	34	–	–	2	–	2	–	–
$200 or more	28	23	–	–	5	5	–	–	–
Median	**53**	**54**	**...**	**...**	**44**	**53**	**37**	**...**	**...**
Included in rent, other fee, or obtained free	233	173	11	–	49	31	10	–	9
Property Insurance									
Property insurance paid	15 527	11 905	55	38	3 529	2 619	787	108	15
Median per month	**24**	**24**	**...**	**...**	**24**	**28**	**18**	**23**	**...**
Monthly Costs Paid for Selected Utilities and Fuels									
Water paid separately	10 095	7 954	48	32	2 060	1 434	549	74	3
Median	**20**	**20**	**...**	**...**	**20**	**20**	**19**	**20**	**...**
Trash paid separately	9 005	7 246	41	29	1 688	1 219	400	69	1
Median	**10-**	**10-**	**...**	**...**	**10-**	**10**	**10-**	**10-**	**...**
Bottled gas paid separately	3 931	2 430	16	6	1 479	768	652	56	4
Median	**46**	**47**	**...**	**...**	**45**	**49**	**41**	**...**	**...**
Other fuel paid separately	4 349	3 177	29	11	1 131	685	392	54	–
Median	**15**	**15**	**...**	**...**	**15**	**13**	**19**	**...**	**...**
OWNER OCCUPIED UNITS									
Total	**15 465**	**11 588**	**26**	**35**	**3 816**	**2 602**	**1 116**	**97**	**1**
Cost and Ownership Sharing									
Ownership shared by person not living here	525	416	1	1	106	68	33	5	–
Costs shared by person not living here	76	54	–	1	21	18	3	–	–
Costs not shared	444	358	1	–	85	50	29	5	–
Cost sharing not reported	5	5	–	–	–	–	–	–	–
Ownership not shared	14 745	11 038	24	34	3 648	2 504	1 062	82	–
Costs shared by person not living here	52	20	–	–	32	21	11	–	–
Costs not shared	14 622	10 962	24	34	3 602	2 472	1 048	82	–
Cost sharing not reported	70	56	–	–	14	11	3	–	–
Ownership sharing not reported	195	133	–	–	62	30	21	10	1
Monthly Payment for Principal and Interest									
Less than $100	219	197	–	2	21	16	5	–	–
$100 to $199	1 015	692	–	2	321	191	116	15	–
$200 to $249	730	494	–	1	235	150	75	10	–
$250 to $299	714	531	1	5	176	143	28	5	–
$300 to $349	597	469	2	1	126	115	11	–	–
$350 to $399	527	381	2	1	142	125	17	–	–
$400 to $449	442	353	2	2	84	82	2	–	–
$450 to $499	310	244	2	–	64	64	–	–	–
$500 to $599	546	377	1	2	165	139	23	3	–
$600 to $699	345	241	–	2	101	101	–	–	–
$700 to $799	203	112	3	2	85	84	2	–	–
$800 to $999	150	90	1	2	56	54	2	–	–
$1,000 to $1,249	120	59	–	1	61	61	–	–	–
$1,250 to $1,499	40	21	–	–	19	19	–	–	–
$1,500 or more	59	31	–	–	28	23	5	–	–
Not reported	982	687	3	1	292	234	45	13	–
Median	**328**	**325**	**...**	**...**	**336**	**378**	**215**	**...**	**...**
Average Monthly Cost Paid for Real Estate Taxes									
Less than $25	5 439	3 509	–	2	1 928	998	897	33	–
$25 to $49	3 742	3 017	5	9	710	523	143	44	–
$50 to $74	2 235	1 841	3	4	386	337	38	12	–
$75 to $99	1 301	1 059	6	5	232	226	6	–	–
$100 to $149	1 553	1 249	6	11	287	269	13	4	1
$150 to $199	607	464	1	2	140	131	9	–	–
$200 or more	588	449	4	2	132	119	10	3	–
Median	**40**	**44**	**...**	**...**	**25-**	**39**	**25-**	**34**	**...**
Annual Taxes Paid Per $1,000 Value									
Less than $5	3 264	2 378	2	1	882	627	223	32	–
$5 to $9	4 420	3 410	4	10	996	785	191	20	–
$10 to $14	2 792	2 072	2	5	713	494	207	12	–
$15 to $19	1 686	1 321	3	5	357	215	116	25	–
$20 to $24	1 110	916	3	8	183	128	47	7	1
$25 or more	2 193	1 490	11	7	685	352	332	1	–
Median	**10**	**10**	**...**	**...**	**10**	**9**	**13**	**9**	**...**
Routine Maintenance in Last Year									
Less than $25 per month	11 388	8 282	18	22	3 066	2 087	901	79	–
$25 to $49	2 144	1 734	3	7	400	272	122	6	–
$50 to $74	375	327	4	3	41	28	13	–	–
$75 to $99	470	378	1	–	90	71	19	–	–
$100 to $149	225	198	–	–	27	18	7	3	–
$150 to $199	135	124	–	–	12	9	2	–	–
$200 or more per month	202	163	–	3	36	32	5	–	–
Not reported	526	382	–	–	144	86	47	10	1
Median	**25-**	**25-**	**...**	**...**	**25-**	**25-**	**25-**	**25-**	**...**

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 7-11. Selected Housing Costs—Outside Metropolitan Statistical Areas—Occupied Units—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
OWNER OCCUPIED UNITS—Con.									
Condominium and Cooperative Fee									
Fee paid by owners	74	29	–	–	45	45	–	–	–
Less than $25 per month	–	–	–	–	–	–	–	–	–
$25 to $49	4	2	–	–	2	2	–	–	–
$50 to $74	25	8	–	–	17	17	–	–	–
$75 to $99	18	2	–	–	16	16	–	–	–
$100 to $149	19	8	–	–	10	10	–	–	–
$150 to $199	–	–	–	–	–	–	–	–	–
$200 or more per month	3	3	–	–	–	–	–	–	–
Not reported	5	5	–	–	–	–	–	–	–
Median	**82**	...	...	...	...	...	...	...	...
Other Housing Costs Per Month									
Homeowner association fee paid	69	24	–	–	45	45	–	–	–
Median	**82**	...	...	...	...	...	...	...	...
Mobile home park fee paid	40	8	–	–	32	20	12	–	–
Median	...	...	...	...	...	...	...	...	...
Land rent fee paid	18	14	–	–	5	2	–	3	–
Median	...	...	...	...	...	...	...	...	...

[1]May reflect a temporary situation, living off savings, or response error.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 7-12. Value, Purchase Price, and Source of Down Payment—Outside Metropolitan Statistical Areas—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**15 465**	**11 588**	**26**	**35**	**3 816**	**2 602**	**1 116**	**97**	**1**
Value									
Less than $10,000	654	371	–	–	283	68	215	–	–
$10,000 to $19,999	800	547	1	1	251	118	132	–	–
$20,000 to $29,999	1 031	878	4	2	147	68	78	–	1
$30,000 to $39,999	1 247	1 124	2	–	122	74	41	7	–
$40,000 to $49,999	1 618	1 519	11	4	83	68	15	–	–
$50,000 to $59,999	1 448	1 356	–	2	89	61	23	4	–
$60,000 to $69,999	1 492	1 377	4	2	109	91	19	–	–
$70,000 to $79,999	1 300	1 203	7	4	86	82	4	–	–
$80,000 to $99,999	1 866	1 680	8	2	177	160	5	12	–
$100,000 to $119,999	1 060	958	2	–	100	93	8	–	–
$120,000 to $149,999	1 094	928	2	–	164	159	4	–	–
$150,000 to $199,999	1 298	1 166	5	4	124	123	–	1	–
$200,000 to $249,999	658	593	1	3	60	60	–	–	–
$250,000 to $299,999	385	351	5	2	28	28	–	–	–
$300,000 or more	639	566	5	–	69	62	4	2	–
Median	**70 041**	**71 127**	**...**	**...**	**56 819**	**83 396**	**14 444**	**...**	**...**
Value-Income Ratio									
Less than 1.5	6 256	4 177	12	19	2 048	1 160	865	22	1
1.5 to 1.9	1 923	1 569	1	4	349	282	52	15	–
2.0 to 2.4	1 542	1 184	2	3	354	301	53	–	–
2.5 to 2.9	1 029	796	3	2	228	171	24	33	–
3.0 to 3.9	1 383	1 155	–	2	225	189	26	10	–
4.0 to 4.9	803	666	–	1	137	118	19	–	–
5.0 or more	2 326	1 888	8	4	426	351	57	18	–
Zero or negative income	201	151	–	–	50	30	20	–	–
Median	**1.9**	**2.0**	**...**	**...**	**1.5-**	**1.7**	**1.5-**	**2.7**	**...**
Other Activities on Property[1]									
Commercial establishment	382	282	4	1	96	57	33	6	–
Medical or dental office	14	10	–	–	4	4	–	–	–
Neither	15 071	11 298	21	34	3 717	2 542	1 083	92	1
Year Unit Acquired									
1990 to 1994	1 575	847	1	5	722	554	159	9	–
1985 to 1989	3 794	2 042	6	14	1 733	1 318	382	33	–
1980 to 1984	2 179	1 244	–	3	933	709	202	22	–
1975 to 1979	2 239	2 028	4	2	205	–	190	15	–
1970 to 1974	1 628	1 516	–	1	111	–	102	9	–
1960 to 1969	1 884	1 831	7	3	44	–	44	–	–
1950 to 1959	1 151	1 142	6	2	–	–	–	–	–
1940 to 1949	556	549	2	5	–	–	–	–	–
1939 or earlier	200	200	–	–	–	–	–	–	–
Not reported	259	190	–	–	69	21	37	10	1
Median	**1978**	**1975**	**...**	**...**	**1986**	**1986**	**1983**	**1984**	**...**
First Time Owners									
First home ever owned	6 645	5 243	17	11	1 373	812	545	16	–
Not first home	8 458	6 084	8	24	2 342	1 721	550	71	–
Not reported	362	260	–	–	102	69	22	10	1
Purchase Price									
Home purchased or built	14 668	10 899	24	34	3 710	2 579	1 046	85	–
Less than $10,000	2 610	1 914	3	2	690	127	546	17	–
$10,000 to $19,999	2 807	2 107	1	2	698	450	231	16	–
$20,000 to $29,999	1 837	1 412	7	6	413	312	88	13	–
$30,000 to $39,999	1 483	1 208	6	10	259	227	25	7	–
$40,000 to $49,999	1 136	852	6	6	272	240	25	7	–
$50,000 to $59,999	810	645	–	–	165	157	7	1	–
$60,000 to $69,999	611	453	–	5	153	142	8	3	–
$70,000 to $79,999	392	269	1	1	120	120	–	–	–
$80,000 to $99,999	503	278	–	–	225	225	–	–	–
$100,000 to $119,999	233	109	–	–	123	123	–	–	–
$120,000 to $149,999	175	103	–	–	72	72	–	–	–
$150,000 to $199,999	142	59	–	1	82	82	–	–	–
$200,000 to $249,999	32	10	–	–	22	22	–	–	–
$250,000 to $299,999	24	14	–	–	10	10	–	–	–
$300,000 or more	22	2	–	–	20	20	–	–	–
Not reported	1 850	1 463	–	–	387	249	115	22	–
Median	**25 398**	**24 938**	**...**	**...**	**26 643**	**42 026**	**10000-**	**19 294**	**...**
Received as inheritance or gift	547	507	1	1	37	2	33	2	–
Not reported	250	181	–	–	69	21	37	10	1
Major Source of Down Payment									
Home purchased or built	14 668	10 899	24	34	3 710	2 579	1 046	85	–
Sale of previous home	3 687	2 753	7	4	923	763	137	23	–
Savings or cash on hand	6 374	4 762	7	13	1 592	1 054	520	17	–
Sale of other investment	107	94	–	2	11	9	–	2	–
Borrowing, other than mortgage on this property	848	664	–	2	182	98	74	11	–
Inheritance or gift	362	241	4	1	116	84	31	–	–
Land where building built used for financing	153	92	–	–	60	48	13	–	–
Other	816	569	–	1	246	156	86	4	–
No down payment	1 926	1 400	7	10	510	325	162	24	–
Not reported	395	324	–	1	70	43	23	4	–

[1]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 7-13. Mortgage Characteristics—Outside Metropolitan Statistical Areas—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**15 465**	**11 588**	**26**	**35**	**3 816**	**2 602**	**1 116**	**97**	**1**
Mortgages Currently on Property									
None, owned free and clear	8 466	6 609	7	11	1 839	1 002	786	51	1
With mortgage or land contract	6 999	4 979	18	24	1 977	1 601	330	47	–
One mortgage or land contract	6 152	4 326	17	22	1 787	1 451	298	37	–
Two mortgages	699	559	1	1	137	116	17	3	–
Three or more mortgages	13	9	–	1	2	2	–	–	–
Number of mortgages not reported	135	83	–	–	51	31	14	7	–
OWNERS WITH ONE OR MORE MORTGAGES									
Total	**6 999**	**4 979**	**18**	**24**	**1 977**	**1 601**	**330**	**47**	**–**
Type of Primary Mortgage									
FHA	605	504	–	3	98	94	–	4	–
VA	377	295	–	6	76	66	4	7	–
Farmers Home Administration	258	203	–	–	56	56	–	–	–
Other types	5 453	3 766	18	15	1 654	1 314	310	30	–
Don't know	117	88	–	–	29	27	2	–	–
Not reported	188	123	–	–	65	44	14	7	–
Lower Cost State and Local Mortgages									
State or local program used	853	620	6	5	223	193	19	10	–
Not used	5 906	4 196	11	18	1 681	1 363	288	30	–
Not reported	239	163	1	1	73	45	22	7	–
Mortgage Origination									
Placed new mortgage(s)	5 980	4 147	17	20	1 796	1 460	296	40	–
Primary obtained when property acquired	4 782	3 176	15	19	1 573	1 288	251	34	–
Obtained later	1 178	960	2	1	215	163	45	6	–
Date not reported	19	11	–	–	8	8	–	–	–
Assumed	283	244	–	2	38	33	6	–	–
Wrap-around	5	5	–	–	–	–	–	–	–
Combination of the above	540	455	1	2	81	67	14	–	–
Origin not reported	191	129	–	–	62	41	14	7	–
Payment Plan of Primary Mortgage									
Fixed payment, self amortizing	5 020	3 676	15	19	1 309	1 115	184	10	–
Adjustable rate mortgage	672	457	3	3	208	180	15	13	–
Adjustable term mortgage	23	12	–	1	10	8	2	–	–
Graduated payment mortgage	22	11	–	–	11	11	–	–	–
Balloon	77	59	–	–	19	14	5	–	–
Other	109	76	–	1	33	29	–	4	–
Combination of the above	62	35	–	–	26	20	7	–	–
Not reported	1 013	652	–	–	361	224	117	20	–
Payment Plan of Secondary Mortgage									
Units with two or more mortgages	712	569	1	2	139	118	17	3	–
Fixed payment, self amortizing	375	288	1	1	85	79	6	–	–
Adjustable rate mortgage	73	57	–	–	15	15	–	–	–
Adjustable term mortgage	–	–	–	–	–	–	–	–	–
Graduated payment mortgage	–	–	–	–	–	–	–	–	–
Balloon	1	–	–	1	–	–	–	–	–
Other	3	3	–	–	–	–	–	–	–
Combination of the above	27	26	–	–	1	1	–	–	–
Not reported	232	194	–	–	38	23	12	3	–
Lenders of Primary and Secondary Mortgages									
Only borrowed from firm(s)	6 094	4 299	17	17	1 761	1 456	271	34	–
Only borrowed from seller	317	264	1	3	49	16	33	–	–
Only borrowed from other individual(s)	128	86	–	3	38	27	8	3	–
Borrowed from a firm and seller	61	44	–	–	17	16	1	–	–
Borrowed from a firm and other individual	4	4	–	–	–	–	–	–	–
Borrowed from seller and other individual	3	3	–	–	–	–	–	–	–
One or both sources not reported	391	278	–	1	112	86	16	10	–
Items Included in Primary Mortgage Payment[1]									
Principal and interest only	3 911	2 661	10	10	1 230	947	253	30	–
Property taxes	2 501	2 006	9	13	473	441	26	7	–
Property insurance	2 319	1 756	9	13	541	494	41	7	–
Other	208	152	3	–	53	53	–	–	–
Not reported	279	183	–	–	96	60	26	10	–
Year Primary Mortgage Originated									
1990 to 1994	1 417	874	1	4	537	455	80	3	–
1985 to 1989	2 803	1 774	8	14	1 008	824	157	27	–
1980 to 1984	933	610	–	1	322	273	46	4	–
1975 to 1979	1 025	999	1	–	24	–	24	–	–
1970 to 1974	387	378	–	–	9	–	2	7	–
1960 to 1969	168	165	1	1	–	–	–	–	–
1950 to 1959	18	12	4	1	–	–	–	–	–
1949 or earlier	15	10	2	3	–	–	–	–	–
Not reported	233	156	–	–	76	49	20	7	–
Median	**1985**	**1983**	**...**	**...**	**1986**	**1986**	**1986**	**...**	**...**

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 7-13. Mortgage Characteristics—Outside Metropolitan Statistical Areas—Owner Occupied Units—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
OWNERS WITH ONE OR MORE MORTGAGES—Con.									
Term of Primary Mortgage at Origination or Assumption									
Less than 8 years	343	142	–	1	200	86	107	7	–
8 to 12 years	438	200	2	2	234	163	63	8	–
13 to 17 years	1 046	569	5	2	470	425	40	5	–
18 to 22 years	780	636	6	7	130	116	14	–	–
23 to 27 years	521	443	–	2	75	68	–	7	–
28 to 32 years	1 859	1 416	4	7	433	419	14	–	–
33 years or more	204	166	–	–	39	35	–	4	–
Variable	89	60	–	1	29	22	7	–	–
Not reported	1 718	1 347	2	2	366	266	84	16	–
Median	**23**	**26**	**...**	**...**	**17**	**18**	**9**	**...**	**...**
Remaining Years Mortgaged									
Less than 8 years	1 492	1 006	1	2	482	262	193	28	–
8 to 12	1 242	885	4	5	347	301	46	–	–
13 to 17	1 130	830	5	1	294	274	14	5	–
18 to 22	620	471	1	3	144	136	5	4	–
23 to 27	743	506	–	4	233	225	8	–	–
28 to 32	723	468	–	3	252	250	2	–	–
33 years or more	16	12	–	–	4	4	–	–	–
Variable	123	85	–	1	37	30	7	–	–
Not reported	908	715	6	5	183	118	54	10	–
Median	**14**	**14**	**...**	**...**	**14**	**16**	**8-**	**...**	**...**
Current Interest Rate									
Less than 6 percent	142	84	–	2	57	55	2	–	–
6 to 7.9	239	212	–	–	27	17	–	10	–
8 to 9.9	1 398	1 108	3	1	286	269	17	–	–
10 to 11.9	1 126	793	7	5	320	283	30	8	–
12 to 13.9	258	130	–	2	125	114	11	–	–
14 to 15.9	87	22	–	–	65	45	20	–	–
16 to 17.9	9	7	–	–	3	1	1	–	–
18 to 19.9	13	–	–	–	13	13	–	–	–
20 percent or more	17	4	–	–	13	5	8	–	–
Not reported	3 709	2 619	8	14	1 068	799	241	29	–
Median	**9.3**	**9.1**	**...**	**...**	**10.0**	**9.9**	**11.2**	**...**	**...**
Total Outstanding Principal Amount									
Less than $10,000	577	400	4	4	169	93	62	15	–
$10,000 to $19,999	620	465	1	–	154	145	9	–	–
$20,000 to $29,999	572	452	–	1	118	112	7	–	–
$30,000 to $39,999	486	370	3	–	112	106	6	–	–
$40,000 to $49,999	351	273	–	–	78	75	–	4	–
$50,000 to $59,999	212	148	1	2	60	57	3	–	–
$60,000 to $69,999	159	103	–	2	54	54	–	–	–
$70,000 to $79,999	109	56	–	–	52	52	–	–	–
$80,000 to $99,999	103	57	–	–	46	46	–	–	–
$100,000 to $119,999	41	12	–	1	29	29	–	–	–
$120,000 to $149,999	33	13	–	–	20	18	2	–	–
$150,000 to $199,999	19	4	–	–	15	15	–	–	–
$200,000 to $249,999	2	2	–	–	–	–	–	–	–
$250,000 to $299,999	4	2	–	–	2	2	–	–	–
$300,000 or more	2	2	–	–	–	–	–	–	–
Not reported	3 709	2 619	8	14	1 068	799	241	29	–
Median	**27 821**	**26 965**	**...**	**...**	**31 168**	**34 882**	**10000-**	**...**	**...**
Current Total Loan as Percent of Value									
Less than 20 percent	542	440	4	4	94	64	16	15	–
20 to 39	524	424	3	–	98	83	15	–	–
40 to 59	756	537	3	2	215	196	16	4	–
60 to 79	726	492	–	1	233	209	25	–	–
80 to 89	311	207	–	2	102	100	1	–	–
90 to 99	202	142	–	–	60	60	–	–	–
100 percent or more	228	119	–	2	107	90	17	–	–
Not reported	3 709	2 619	8	14	1 068	799	241	29	–
Median	**55.3**	**51.8**	**...**	**...**	**64.1**	**65.6**	**57.7**	**...**	**...**

[1]Figures may not add to total because more than one category may apply to a unit.

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 7-14. Repairs, Improvements, and Alterations—Outside Metropolitan Statistical Areas—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**15 465**	**11 588**	**26**	**35**	**3 816**	**2 602**	**1 116**	**97**	**1**
Repairs, Improvements, Alterations in Last 2 Years									
Roof replaced (all or part)	2 297	2 033	1	9	254	134	109	11	–
Mostly done by household	696	574	–	2	119	57	52	10	–
Mostly done by others	1 527	1 392	1	6	127	69	57	1	–
Workers not reported	74	67	–	–	7	7	–	–	–
Costing $500 or more	1 495	1 384	–	6	104	59	45	–	–
Costing less than $500	508	378	–	3	126	59	56	11	–
Cost not reported	295	270	1	–	23	16	8	–	–
Roof replacement not reported	152	97	–	–	55	29	15	10	1
Additions built	704	473	–	3	229	137	86	5	–
Mostly done by household	387	238	–	1	148	79	69	–	–
Mostly done by others	304	229	–	1	75	52	17	5	–
Workers not reported	13	6	–	1	6	6	–	–	–
Costing $500 or more	538	356	–	2	180	114	60	5	–
Costing less than $500	75	46	–	–	28	8	20	–	–
Cost not reported	91	70	–	1	21	15	6	–	–
Additions not reported	146	102	–	–	44	20	13	10	1
Kitchen remodeled or added	1 102	921	7	7	167	99	53	15	–
Mostly done by household	637	520	6	6	106	56	39	11	–
Mostly done by others	457	397	1	1	57	43	14	–	–
Workers not reported	8	4	–	1	3	–	–	3	–
Costing $500 or more	662	587	7	4	63	46	14	4	–
Costing less than $500	324	245	–	2	77	34	32	11	–
Cost not reported	115	88	–	1	26	19	7	–	–
Kitchen remodeled or added not reported	152	102	–	–	50	22	17	10	1
Bathroom remodeled or added	1 404	1 166	3	7	228	130	94	3	–
Mostly done by household	862	676	3	3	180	96	80	3	–
Mostly done by others	513	467	–	4	42	28	14	–	–
Workers not reported	29	22	–	1	6	6	–	–	–
Costing $500 or more	738	653	1	6	78	49	30	–	–
Costing less than $500	484	370	1	1	112	57	56	–	–
Cost not reported	181	143	–	1	38	25	9	3	–
Bathroom remodeled or added not reported	147	97	–	–	50	27	13	10	1
Siding replaced or added	952	865	1	1	84	57	24	3	–
Mostly done by household	312	274	1	–	36	19	13	3	–
Mostly done by others	598	554	–	–	44	33	11	–	–
Workers not reported	42	37	–	1	5	5	–	–	–
Costing $500 or more	603	553	–	–	50	35	11	3	–
Costing less than $500	201	175	1	–	24	13	11	–	–
Cost not reported	148	136	–	1	11	8	2	–	–
Siding replaced or added not reported	155	102	–	–	53	23	19	10	1
Storm doors/windows bought and installed	1 920	1 611	4	11	294	153	138	3	–
Mostly done by household	984	811	–	6	167	89	75	3	–
Mostly done by others	879	760	4	5	110	52	58	–	–
Workers not reported	57	40	–	1	17	11	6	–	–
Costing $500 or more	586	514	1	7	64	47	18	–	–
Costing less than $500	1 117	908	2	3	203	98	102	3	–
Cost not reported	217	190	–	1	26	8	18	–	–
Storm doors/windows bought and installed not reported	184	126	–	–	58	23	25	10	1
Major equipment replaced or added	1 373	1 147	3	5	218	125	90	3	–
Mostly done by household	290	208	1	1	80	34	46	–	–
Mostly done by others	1 052	915	1	4	132	89	39	3	–
Workers not reported	31	23	–	1	7	2	5	–	–
Costing $500 or more	1 039	899	3	2	136	93	39	3	–
Costing less than $500	229	164	–	3	62	27	35	–	–
Cost not reported	105	83	–	1	21	5	16	–	–
Major equipment replaced or added not reported	150	103	–	–	47	23	13	10	1
Insulation added	1 134	937	1	3	193	109	80	3	–
Mostly done by household	657	509	1	1	145	72	70	3	–
Mostly done by others	428	391	–	1	35	27	8	–	–
Workers not reported	49	37	–	1	12	9	3	–	–
Costing $500 or more	199	178	–	–	21	19	2	–	–
Costing less than $500	640	526	–	2	112	50	62	–	–
Cost not reported	295	233	1	1	59	40	16	3	–
Insulation added not reported	188	127	–	–	61	28	23	10	1
Other major work[1]	2 409	1 942	3	9	455	314	137	3	–
Mostly done by household	939	711	1	4	222	136	83	3	–
Mostly done by others	1 381	1 163	1	5	212	158	53	–	–
Workers not reported	89	68	–	1	20	20	–	–	–
Other major work not reported	184	124	–	–	60	22	27	10	1
Government Subsidy for Repairs									
Units with major repairs the last 2 years	7 248	5 952	12	28	1 257	762	467	28	–
Received low-interest loan or grant	197	163	1	–	33	10	23	–	–
No low-interest loan or grant	6 886	5 668	9	28	1 181	728	425	28	–
Not reported	166	121	1	–	44	24	20	–	–

[1]Includes other major repairs, alterations, or improvements totaling over $500 each.

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 1A-1. Introductory Characteristics—All Housing Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**89 275**	**80 059**	**442**	**691**	**8 083**	**2 899**	**3 281**	**729**	**757**	**417**
Occupancy Status										
Vacant and seasonals	8 369	6 200	30	67	2 072	728	815	171	216	142
Occupied	80 905	73 859	412	624	6 011	2 171	2 466	558	541	275
Tenure										
Owner occupied	53 005	49 402	287	195	3 120	857	1 804	206	165	88
Percent of all occupied	65.5	66.9	69.6	31.3	51.9	39.5	73.2	37.0	30.5	32.1
Renter occupied	27 901	24 457	125	428	2 890	1 314	662	352	376	187
Units in Structure										
1, detached	55 666	52 211	223	114	3 118	1 735	490	359	405	129
1, attached	3 761	3 542	28	16	176	76	10	41	33	16
2 to 4	9 704	8 390	159	381	775	404	61	146	117	47
5 to 9	3 784	3 373	15	54	344	190	19	47	58	29
10 to 19	3 973	3 607	8	34	323	160	22	43	43	55
20 to 49	3 057	2 807	7	34	209	90	5	28	34	52
50 or more	4 565	4 276	2	57	230	66	13	42	37	71
Mobile home or trailer (with no permanent room attached)	4 765	1 855	–	2	2 909	177	2 661	24	29	18
Condominiums										
Number of condominiums	2 530	2 500	2	7	21	3	2	3	4	9
Year Structure Built										
1979 to March 1980	3 044	2 709	3	15	317	57	217	6	22	15
1975 to 1978	8 637	7 720	14	24	879	134	677	30	20	19
1970 to 1974	11 384	10 062	20	13	1 290	187	985	53	43	23
1960 to 1969	17 753	16 311	38	70	1 335	310	740	88	109	89
1950 to 1959	15 758	14 556	78	89	1 036	454	285	117	102	77
1940 to 1949	9 930	8 876	60	99	896	486	133	91	135	52
1939 or earlier	22 769	19 827	230	382	2 331	1 272	245	345	327	142
Median	**1957**	**1957**	**1940**	**1940**	**1956**	**1943**	**1971**	**1942**	**1943**	**1951**
Duration of Vacancy										
Vacant units	6 230	4 596	24	51	1 559	597	541	155	188	78
Less than 1 month vacant	963	788	2	3	171	56	72	10	16	16
1 month up to 2 months	1 186	955	3	9	218	77	79	29	18	15
2 months up to 6 months	1 895	1 446	6	19	424	129	196	41	34	24
6 months up to 1 year	1 082	785	6	9	283	99	106	37	30	11
1 year up to 2 years	516	328	4	6	178	94	34	16	31	2
2 years or more	588	295	3	4	286	142	54	22	57	10
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	67 326	61 741	367	579	4 638	1 809	1 589	497	476	267
In central cities	29 458	27 001	170	352	1 934	977	202	257	336	162
Suburbs	37 869	34 740	197	227	2 704	832	1 387	240	140	105
Outside metropolitan statistical areas	21 948	18 318	74	111	3 445	1 090	1 692	233	281	150
Regions										
Northeast	19 099	17 685	177	246	992	365	265	150	111	101
Midwest	23 165	21 015	102	201	1 847	757	627	178	220	64
South	29 561	25 455	80	149	3 877	1 317	1 729	301	359	171
West	17 450	15 904	83	96	1 368	459	660	100	67	81
Urbanized Areas										
Inside urbanized areas	55 941	51 890	302	535	3 214	1 451	772	376	397	218
In central cities of (P)MSA's	29 076	26 644	167	352	1 914	973	197	251	331	162
Urban fringe	26 865	25 247	135	183	1 300	478	575	125	66	56
Outside urbanized areas	33 333	28 169	140	155	4 869	1 448	2 509	353	360	199
Other urban	11 787	10 401	68	96	1 223	442	460	148	71	102
Rural	21 546	17 768	72	59	3 646	1 005	2 049	205	290	97
Place Size[1]										
Less than 2,500 persons	4 954	4 300	26	32	597	215	257	61	43	21
2,500 to 9,999 persons	9 740	8 692	71	85	892	253	420	105	38	76
10,000 to 19,999 persons	8 700	8 040	38	69	554	244	168	67	37	37
20,000 to 49,999 persons	12 348	11 508	83	88	669	321	186	81	55	26
50,000 to 99,999 persons	8 030	7 530	27	53	420	200	90	57	41	33
100,000 to 249,999 persons	7 036	6 559	33	56	389	208	66	33	46	36
250,000 to 499,999 persons	5 062	4 628	30	65	340	172	27	54	73	14
500,000 to 999,999 persons	4 398	4 047	36	72	243	112	26	42	53	11
1,000,000 persons or more	7 026	6 337	39	123	527	278	11	63	113	63

[1]Figures will not add to total, because all units are not in Places.

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 1A-2. Size—All Housing Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**89 275**	**80 059**	**442**	**691**	**8 083**	**2 899**	**3 281**	**729**	**757**	**417**
Stories in Structure										
1 to 3	84 922	76 050	436	622	7 814	2 815	3 281	674	703	341
4 to 6	2 389	2 179	3	29	179	63	–	35	45	36
7 or more	1 963	1 831	2	40	91	21	–	20	9	40
Rooms										
1 room	1 419	990	13	48	369	153	52	47	30	87
2 rooms	3 020	2 426	12	88	493	165	143	67	60	58
3 rooms	8 905	7 494	30	139	1 242	481	424	137	133	67
4 rooms	17 095	14 401	53	150	2 491	755	1 315	143	237	41
5 rooms	20 551	18 551	80	118	1 803	602	881	116	132	71
6 rooms	17 927	16 788	88	77	974	445	295	101	94	38
7 rooms	10 337	9 866	61	45	364	163	107	51	31	13
8 rooms	5 570	5 309	42	22	196	77	47	26	24	22
9 rooms or more	4 453	4 234	62	6	150	58	16	39	17	20
Median	**5.2**	**5.3**	**5.9**	**4.0**	**4.3**	**4.4**	**4.3**	**4.3**	**4.2**	**3.4**
Bedrooms										
None	1 839	1 362	13	54	410	160	60	54	38	98
1	13 158	11 170	55	266	1 667	699	440	222	192	113
2	28 968	25 008	115	217	3 629	1 118	1 863	242	320	87
3	33 406	31 254	130	118	1 904	732	815	136	137	84
4 or more	11 903	11 265	129	36	473	189	103	75	70	36
Median	**2.5**	**2.6**	**2.8**	**1.6**	**2.0**	**2.0**	**2.1**	**1.9**	**2.0**	**1.5**
Complete Bathrooms										
None	3 081	2 076	27	50	928	447	206	64	172	39
1	51 497	45 232	219	490	5 556	2 061	2 175	504	507	309
1 and one-half	13 066	12 300	54	55	656	170	386	64	24	12
2 or more	21 631	20 451	142	95	943	221	515	97	54	56

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 1A-3. Selected Equipment and Plumbing—All Housing Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**89 275**	**80 059**	**442**	**691**	**8 083**	**2 899**	**3 281**	**729**	**757**	**417**
Kitchen										
With complete kitchen facilities	87 002	78 582	431	656	7 333	2 585	3 140	666	620	324
Air Conditioning										
With air conditioning	49 100	45 142	183	300	3 474	959	1 765	330	222	199
Central	24 505	23 028	36	80	1 361	247	831	131	58	94
1 room unit	16 753	14 840	85	182	1 645	541	771	137	119	77
2 room units or more	7 842	7 274	61	38	469	170	163	62	45	28
None	40 175	34 917	258	390	4 609	1 940	1 516	399	535	218
Main Heating Equipment										
Warm-air furnace	43 717	39 849	176	249	3 444	863	2 034	237	196	113
Steam or hot water system	15 041	13 800	145	248	849	387	53	151	130	128
Electric heat pump	3 261	3 066	5	5	185	33	108	18	5	22
Built-in electric units	7 143	6 577	18	37	511	149	194	69	46	53
Floor, wall or pipeless furnace	5 361	4 858	26	24	454	209	140	43	49	13
Room heaters with flue	6 539	5 448	26	67	998	460	305	105	85	43
Room heaters without flue	3 038	2 358	14	31	635	316	152	55	99	12
Portable heaters, fireplaces, stoves	4 293	3 473	21	24	776	346	260	38	112	19
None	881	632	10	7	232	136	35	14	35	13
Plumbing										
Complete plumbing for exclusive use	86 853	78 488	430	646	7 290	2 512	3 112	673	601	392
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	561	443	5	39	73	33	9	15	9	7
Some, but not all plumbing facilities	990	657	3	4	325	180	74	10	55	5
No plumbing facilities	871	471	4	1	395	173	86	31	92	12
Source of Water										
Public system or private company	75 305	68 516	392	662	5 735	2 209	2 027	599	552	349
Well serving 1 to 5 units	12 721	10 604	41	27	2 049	583	1 121	120	167	58
Drilled	10 960	9 219	32	25	1 684	450	965	94	124	52
Dug	1 762	1 385	9	2	365	133	156	26	44	7
Other	1 248	939	9	2	299	107	133	11	38	10

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 1B-1. Introductory Characteristics—All Housing Units—In Central Cities

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**29 458**	**27 001**	**170**	**352**	**1 934**	**977**	**202**	**257**	**336**	**162**
Occupancy Status										
Vacant and seasonals	1 997	1 514	16	31	436	253	23	67	57	36
Occupied	27 461	25 488	155	321	1 498	724	179	190	280	126
Tenure										
Owner occupied	13 919	13 305	96	89	428	186	122	43	53	24
Percent of all occupied	50.7	52.2	62.3	27.7	28.6	25.7	68.5	22.4	19.0	18.9
Renter occupied	13 542	12 182	58	232	1 070	537	56	148	226	102
Units in Structure										
1, detached	13 522	12 832	65	54	572	374	26	77	81	14
1, attached	1 933	1 784	21	13	115	56	2	20	24	13
2 to 4	5 120	4 459	63	191	407	215	4	69	89	31
5 to 9	1 911	1 676	7	31	197	100	5	27	48	17
10 to 19	1 916	1 724	8	14	170	94	3	20	39	14
20 to 49	1 736	1 595	5	18	118	67	–	11	23	16
50 or more	2 955	2 753	2	30	170	55	–	28	30	57
Mobile home or trailer (with no permanent room attached)	364	179	–	–	185	16	163	5	2	–
Condominiums										
Number of condominiums	886	878	–	–	8	–	–	3	2	3
Year Structure Built										
1979 to March 1980	718	685	1	3	29	8	15	–	5	2
1975 to 1978	1 775	1 695	5	7	69	10	43	7	4	5
1970 to 1974	2 785	2 647	10	–	128	36	56	16	9	12
1960 to 1969	5 290	5 039	10	32	209	76	38	35	38	23
1950 to 1959	5 336	4 968	18	49	301	174	25	27	59	16
1940 to 1949	4 028	3 620	27	36	344	195	10	44	68	27
1939 or earlier	9 525	8 347	99	225	854	479	15	128	154	78
Median	**1952**	**1952**	**1940**	**1940**	**1943**	**1940**	**1971**	**1940**	**1942**	**1941**
Duration of Vacancy										
Vacant units	1 937	1 467	16	31	423	251	19	67	57	30
Less than 1 month vacant	339	291	2	2	44	23	6	3	2	10
1 month up to 2 months	451	370	3	4	74	39	3	12	12	8
2 months up to 6 months	543	425	3	13	101	53	8	15	17	7
6 months up to 1 year	267	193	1	6	67	44	–	15	7	–
1 year up to 2 years	140	84	4	3	50	31	–	12	8	–
2 years or more	197	104	3	4	86	61	1	9	10	5
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	29 458	27 001	170	352	1 934	977	202	257	336	162
In central cities	29 458	27 001	170	352	1 934	977	202	257	336	162
Suburbs	...	...	...	...	...	...	...	...	...	...
Outside metropolitan statistical areas	...	...	...	...	...	...	...	...	...	...
Regions										
Northeast	6 639	6 090	67	119	364	158	5	66	80	56
Midwest	7 134	6 440	35	105	553	314	32	53	130	25
South	9 261	8 443	32	89	697	343	110	96	106	41
West	6 424	6 029	36	38	321	163	55	42	21	40
Urbanized Areas										
Inside urbanized areas	29 076	26 644	167	352	1 914	973	197	251	331	162
In central cities of (P)MSA's	29 076	26 644	167	352	1 914	973	197	251	331	162
Urban fringe	...	...	...	...	...	...	...	...	...	...
Outside urbanized areas	381	358	3	–	20	4	5	6	5	–
Other urban	355	333	3	–	18	4	4	4	5	–
Rural	27	25	–	–	2	–	1	1	–	–
Place Size[1]										
Less than 2,500 persons	2	2	–	–	–	–	–	–	–	–
2,500 to 9,999 persons	–	–	–	–	–	–	–	–	–	–
10,000 to 19,999 persons	125	113	3	–	9	2	3	3	1	–
20,000 to 49,999 persons	2 723	2 519	18	16	170	86	31	25	17	11
50,000 to 99,999 persons	4 179	3 834	17	34	294	144	47	41	34	27
100,000 to 249,999 persons	5 950	5 528	28	42	352	183	58	29	46	36
250,000 to 499,999 persons	5 060	4 626	30	65	340	172	27	54	73	14
500,000 to 999,999 persons	4 392	4 041	36	72	243	112	26	42	53	11
1,000,000 persons or more	7 026	6 337	39	123	527	278	11	63	113	63

[1]Figures will not add to total, because all units are not in Places.

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 1B-2. Size—All Housing Units—In Central Cities

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**29 458**	**27 001**	**170**	**352**	**1 934**	**977**	**202**	**257**	**336**	**162**
Stories in Structure										
1 to 3	26 146	23 975	165	306	1 701	900	202	210	289	100
4 to 6	1 805	1 627	3	20	155	60	–	26	38	30
7 or more	1 507	1 399	2	27	79	17	–	20	9	32
Rooms										
1 room	797	595	5	24	173	82	3	26	9	53
2 rooms	1 517	1 329	2	41	145	59	7	27	30	22
3 rooms	4 150	3 655	11	74	409	227	32	54	70	27
4 rooms	5 973	5 421	24	68	460	209	79	48	107	17
5 rooms	6 395	5 939	34	58	364	196	45	49	56	17
6 rooms	5 434	5 113	34	47	240	120	34	28	42	16
7 rooms	2 780	2 656	21	25	77	51	2	12	9	3
8 rooms	1 407	1 344	13	12	38	17	–	7	7	7
9 rooms or more	1 005	949	26	2	28	17	–	6	5	–
Median	**4.9**	**4.9**	**5.8**	**4.0**	**4.0**	**4.1**	**4.2**	**4.0**	**4.0**	**2.7**
Bedrooms										
None	1 054	832	5	28	189	84	3	30	14	58
1	6 442	5 684	19	137	601	328	28	91	106	47
2	9 720	8 887	40	106	686	317	120	83	141	25
3	9 236	8 784	57	60	335	191	44	33	46	22
4 or more	3 006	2 814	49	21	123	57	6	20	29	10
Median	**2.2**	**2.3**	**2.9**	**1.6**	**1.8**	**1.7**	**2.1**	**1.6**	**1.8**	**1.0**
Complete Bathrooms										
None	765	574	9	18	164	89	2	23	31	19
1	19 334	17 461	92	252	1 529	790	144	193	279	123
1 and one-half	3 680	3 524	20	28	108	56	22	21	2	7
2 or more	5 678	5 442	50	53	133	43	34	20	24	13

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 1B-3. Selected Equipment and Plumbing—All Housing Units—In Central Cities

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**29 458**	**27 001**	**170**	**352**	**1 934**	**977**	**202**	**257**	**336**	**162**
Kitchen										
With complete kitchen facilities	28 806	26 548	168	339	1 751	892	196	233	312	118
Air Conditioning										
With air conditioning	16 580	15 605	55	158	762	317	140	126	109	70
Central	7 985	7 672	12	42	259	76	69	49	31	33
1 room unit	5 791	5 309	19	93	369	169	59	48	62	30
2 room units or more	2 804	2 623	25	22	134	71	11	28	16	7
None	12 878	11 397	115	194	1 172	660	62	131	227	92
Main Heating Equipment										
Warm-air furnace	13 507	12 695	69	126	617	289	133	62	99	34
Steam or hot water system	7 099	6 380	54	141	525	257	4	76	107	80
Electric heat pump	878	843	–	–	35	11	11	11	–	3
Built-in electric units	1 879	1 746	2	7	124	43	4	29	27	20
Floor, wall or pipeless furnace	2 019	1 890	11	4	114	64	7	14	25	4
Room heaters with flue	2 235	1 938	14	45	238	135	17	36	37	13
Room heaters without flue	1 023	821	10	22	171	97	19	20	33	2
Portable heaters, fireplaces, stoves	521	445	4	7	64	48	5	5	2	3
None	297	243	6	–	47	35	–	5	5	2
Plumbing										
Complete plumbing for exclusive use	28 922	26 620	164	336	1 802	906	202	236	310	148
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	299	236	3	15	44	24	–	9	4	7
Some, but not all plumbing facilities	157	107	1	–	49	26	–	6	17	–
No plumbing facilities	79	38	2	–	39	21	–	7	4	7
Source of Water										
Public system or private company	29 227	26 805	170	349	1 903	964	193	254	330	162
Well serving 1 to 5 units	227	194	–	3	30	14	7	3	6	–
Drilled	203	180	–	3	19	9	5	3	2	–
Dug	24	14	–	–	11	5	2	–	4	–
Other	4	2	–	–	2	–	2	–	–	–

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 1C-1. Introductory Characteristics—All Housing Units—Suburbs

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**37 869**	**34 740**	**197**	**227**	**2 704**	**832**	**1 387**	**240**	**140**	**105**
Occupancy Status										
Vacant and seasonals	2 932	2 372	8	24	528	139	289	40	29	31
Occupied	34 937	32 369	189	203	2 176	692	1 098	200	111	75
Tenure										
Owner occupied	25 262	23 726	140	73	1 324	306	837	98	50	32
Percent of all occupied	72.3	73.3	73.8	36.0	60.8	44.2	76.2	49.1	45.1	42.6
Renter occupied	9 675	8 643	50	130	853	386	261	102	61	43
Units in Structure										
1, detached	25 808	24 599	122	51	1 035	588	170	139	96	42
1, attached	1 460	1 422	5	–	34	8	5	15	3	3
2 to 4	3 051	2 728	68	105	151	76	18	35	12	9
5 to 9	1 402	1 314	–	11	77	44	10	11	6	7
10 to 19	1 543	1 459	–	17	67	33	3	15	2	14
20 to 49	1 044	983	3	16	42	12	–	8	5	17
50 or more	1 370	1 304	–	26	39	8	9	11	5	7
Mobile home or trailer (with no permanent room attached)	2 191	930	–	1	1 260	63	1 172	7	11	7
Condominiums										
Number of condominiums	1 385	1 373	–	6	5	3	–	–	1	1
Year Structure Built										
1979 to March 1980	1 538	1 422	2	12	102	10	82	2	2	6
1975 to 1978	4 377	4 006	8	12	350	40	290	10	2	7
1970 to 1974	5 676	5 089	10	11	566	77	446	23	18	2
1960 to 1969	8 817	8 227	23	32	535	117	345	19	26	29
1950 to 1959	7 382	6 922	57	27	376	154	128	46	15	33
1940 to 1949	3 618	3 313	24	36	245	144	42	28	25	6
1939 or earlier	6 462	5 760	73	97	531	291	53	111	52	23
Median	**1961**	**1961**	**1950**	**1943**	**1963**	**1948**	**1972**	**1943**	**1947**	**1956**
Duration of Vacancy										
Vacant units	2 237	1 795	4	13	424	103	234	37	29	21
Less than 1 month vacant	360	317	–	1	41	11	23	2	2	4
1 month up to 2 months	500	400	–	6	93	17	57	14	–	5
2 months up to 6 months	703	556	–	3	144	26	91	10	7	10
6 months up to 1 year	384	303	4	1	76	16	47	11	2	–
1 year up to 2 years	169	136	–	2	31	17	5	–	8	–
2 years or more	122	83	–	–	38	16	10	–	10	2
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	37 869	34 740	197	227	2 704	832	1 387	240	140	105
In central cities	...	...	...	...	...	...	...	...	...	...
Suburbs	37 869	34 740	197	227	2 704	832	1 387	240	140	105
Outside metropolitan statistical areas	...	...	...	...	...	...	...	...	...	...
Regions										
Northeast	9 811	9 288	86	107	330	110	122	58	20	20
Midwest	8 680	8 143	40	50	447	154	226	40	19	9
South	11 487	9 990	29	35	1 434	390	786	117	86	55
West	7 891	7 319	42	36	494	178	253	26	16	21
Urbanized Areas										
Inside urbanized areas	26 242	24 707	133	166	1 236	449	550	120	61	56
In central cities of (P)MSA's	...	...	...	...	...	...	...	...	...	...
Urban fringe	26 242	24 707	133	166	1 236	449	550	120	61	56
Outside urbanized areas	11 627	10 034	65	61	1 468	383	837	120	79	49
Other urban	3 139	2 800	20	33	287	86	120	44	21	16
Rural	8 488	7 234	44	28	1 181	297	717	76	58	33
Place Size[1]										
Less than 2,500 persons	1 804	1 601	11	14	178	59	85	17	10	6
2,500 to 9,999 persons	5 986	5 471	44	52	419	113	208	60	19	20
10,000 to 19,999 persons	5 663	5 308	34	46	274	118	96	28	23	9
20,000 to 49,999 persons	7 467	7 098	48	48	273	117	82	36	25	12
50,000 to 99,999 persons	3 852	3 696	10	19	127	56	43	16	6	6
100,000 to 249,999 persons	1 086	1 030	5	14	37	25	9	4	–	–
250,000 to 499,999 persons	2	2	–	–	–	–	–	–	–	–
500,000 to 999,999 persons	6	6	–	–	–	–	–	–	–	–
1,000,000 persons or more	–	–	–	–	–	–	–	–	–	–

[1]Figures will not add to total, because all units are not in Places.

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 1C-2. Size—All Housing Units—Suburbs

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**37 869**	**34 740**	**197**	**227**	**2 704**	**832**	**1 387**	**240**	**140**	**105**
Stories in Structure										
1 to 3	36 961	33 871	197	208	2 685	829	1 387	231	136	102
4 to 6	525	499	–	6	19	3	–	9	4	3
7 or more	383	370	–	13	–	–	–	–	–	–
Rooms										
1 room	349	255	3	14	77	31	20	9	7	10
2 rooms	945	737	9	40	159	48	60	21	4	26
3 rooms	2 972	2 578	9	41	343	117	156	37	23	11
4 rooms	6 545	5 590	21	43	892	227	571	44	38	13
5 rooms	8 542	7 855	33	39	616	156	386	35	24	15
6 rooms	7 992	7 573	46	20	353	160	122	42	21	8
7 rooms	5 114	4 948	22	17	128	47	47	20	8	6
8 rooms	2 978	2 858	28	10	81	30	21	20	9	3
9 rooms or more	2 432	2 345	27	4	56	17	3	15	7	14
Median	**5.5**	**5.5**	**6.0**	**3.9**	**4.4**	**4.5**	**4.3**	**4.8**	**4.5**	**3.9**
Bedrooms										
None	467	357	4	16	90	34	24	9	7	16
1	4 362	3 766	20	96	480	185	181	63	23	28
2	11 475	10 087	53	59	1 276	333	789	72	56	25
3	15 426	14 628	59	43	696	210	366	64	36	19
4 or more	6 140	5 902	61	14	163	69	27	32	17	17
Median	**2.7**	**2.7**	**2.9**	**1.5**	**2.1**	**2.1**	**2.1**	**2.2**	**2.2**	**1.8**
Complete Bathrooms										
None	772	543	4	19	205	117	45	12	20	11
1	18 586	16 596	87	151	1 752	557	884	152	87	73
1 and one-half	6 483	6 163	23	19	277	52	187	27	12	–
2 or more	12 028	11 438	82	39	469	106	271	49	22	21

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 1C-3. Selected Equipment and Plumbing—All Housing Units—Suburbs

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**37 869**	**34 740**	**197**	**227**	**2 704**	**832**	**1 387**	**240**	**140**	**105**
Kitchen										
With complete kitchen facilities	37 279	34 322	194	213	2 549	749	1 359	226	126	89
Air Conditioning										
With air conditioning	22 523	20 931	89	109	1 394	299	878	119	47	52
Central	12 287	11 557	22	33	675	94	465	61	11	44
1 room unit	6 648	5 988	41	63	556	149	339	41	25	2
2 room units or more	3 588	3 386	26	13	163	56	75	16	11	6
None	15 346	13 809	108	119	1 310	533	509	121	94	53
Main Heating Equipment										
Warm-air furnace	20 519	18 967	85	78	1 389	260	948	105	45	32
Steam or hot water system	6 170	5 820	68	89	192	79	14	56	14	29
Electric heat pump	1 670	1 586	5	2	77	12	50	7	2	6
Built-in electric units	2 988	2 825	12	23	128	28	70	12	8	11
Floor, wall or pipeless furnace	1 994	1 820	10	14	151	80	62	5	2	1
Room heaters with flue	1 929	1 620	6	11	291	137	104	23	14	14
Room heaters without flue	847	678	2	–	168	83	47	17	13	8
Portable heaters, fireplaces, stoves	1 397	1 146	6	8	237	102	81	12	38	4
None	356	278	4	3	70	50	12	3	5	–
Plumbing										
Complete plumbing for exclusive use	37 290	34 331	195	212	2 552	737	1 354	233	125	103
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	174	145	2	15	12	6	3	4	–	–
Some, but not all plumbing facilities	224	173	–	–	51	30	15	–	4	2
No plumbing facilities	181	91	–	1	88	59	15	3	12	–
Source of Water										
Public system or private company	31 603	29 370	160	213	1 859	571	930	186	95	77
Well serving 1 to 5 units	5 930	5 101	31	14	784	237	430	53	38	25
Drilled	5 258	4 537	28	12	681	205	380	42	32	22
Dug	672	565	3	2	103	31	50	11	7	3
Other	336	269	6	–	61	24	27	–	7	3

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 1D-1. Introductory Characteristics—All Housing Units—Outside Metropolitan Statistical Areas

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**21 948**	**18 318**	**74**	**111**	**3 445**	**1 090**	**1 692**	**233**	**281**	**150**
Occupancy Status										
Vacant and seasonals	3 441	2 315	6	12	1 108	335	503	65	130	75
Occupied	18 507	16 003	68	100	2 336	755	1 189	168	150	75
Tenure										
Owner occupied	13 824	12 371	51	33	1 369	364	845	65	62	33
Percent of all occupied	74.7	77.3	74.6	33.5	58.6	48.3	71.0	39.0	41.0	43.7
Renter occupied	4 683	3 632	17	66	968	390	344	102	89	42
Units in Structure										
1, detached	16 336	14 780	36	9	1 511	772	295	144	227	73
1, attached	368	336	2	3	27	12	2	7	5	–
2 to 4	1 533	1 202	29	85	217	113	39	42	17	7
5 to 9	471	382	8	11	70	46	5	9	5	6
10 to 19	513	424	–	3	86	33	16	8	2	26
20 to 49	277	228	–	–	49	11	5	9	6	19
50 or more	240	219	–	–	21	4	4	3	3	7
Mobile home or trailer (with no permanent room attached)	2 210	746	–	–	1 464	98	1 327	12	16	11
Condominiums										
Number of condominiums	259	248	2	–	8	–	2	–	–	5
Year Structure Built										
1979 to March 1980	787	602	–	–	186	39	120	3	16	7
1975 to 1978	2 485	2 019	1	5	460	83	344	12	13	8
1970 to 1974	2 923	2 325	–	2	596	75	483	14	16	9
1960 to 1969	3 647	3 045	5	6	590	117	357	34	45	38
1950 to 1959	3 040	2 666	2	13	359	127	131	44	28	29
1940 to 1949	2 285	1 943	8	27	307	147	80	20	41	19
1939 or earlier	6 782	5 719	57	59	946	501	177	106	121	40
Median	**1955**	**1954**	**1940**	**1940**	**1960**	**1942**	**1971**	**1944**	**1943**	**1954**
Duration of Vacancy										
Vacant units	2 057	1 334	4	7	712	243	289	52	102	27
Less than 1 month vacant	265	179	–	–	86	23	43	5	12	3
1 month up to 2 months	236	185	1	–	50	21	18	3	6	2
2 months up to 6 months	649	465	2	3	179	49	97	15	10	7
6 months up to 1 year	432	289	–	2	140	38	59	11	21	11
1 year up to 2 years	206	108	1	2	96	46	29	4	15	2
2 years or more	269	108	–	–	161	65	43	13	37	2
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	...	...	...	...	...	...	...	...	...	...
In central cities	...	...	...	...	...	...	...	...	...	...
Suburbs	...	...	...	...	...	...	...	...	...	...
Outside metropolitan statistical areas	21 948	18 318	74	111	3 445	1 090	1 692	233	281	150
Regions										
Northeast	2 649	2 307	24	20	298	97	138	27	11	25
Midwest	7 351	6 432	27	45	847	290	369	86	71	31
South	8 812	7 023	19	25	1 746	584	833	88	167	74
West	3 136	2 556	5	21	553	118	352	32	31	19
Urbanized Areas										
Inside urbanized areas	...	...	...	...	...	...	...	...	...	...
In central cities of (P)MSA's	...	...	...	...	...	...	...	...	...	...
Urban fringe	624	540	2	17	64	29	25	5	5	–
Outside urbanized areas	21 325	17 778	72	94	3 381	1 060	1 667	228	276	150
Other urban	8 294	7 268	44	63	918	352	336	99	44	86
Rural	13 031	10 510	28	31	2 463	708	1 331	128	232	63
Place Size[1]										
Less than 2,500 persons	3 148	2 697	15	18	419	156	172	44	33	15
2,500 to 9,999 persons	3 754	3 221	28	33	473	140	212	45	19	56
10,000 to 19,999 persons	2 912	2 618	1	22	270	124	70	36	13	27
20,000 to 49,999 persons	2 159	1 891	18	24	226	117	73	20	13	3
50,000 to 99,999 persons	–	–	–	–	–	–	–	–	–	–
100,000 to 249,999 persons	–	–	–	–	–	–	–	–	–	–
250,000 to 499,999 persons	–	–	–	–	–	–	–	–	–	–
500,000 to 999,999 persons	–	–	–	–	–	–	–	–	–	–
1,000,000 persons or more	–	–	–	–	–	–	–	–	–	–

[1]Figures will not add to total, because all units are not in Places.

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 1D-2. Size—All Housing Units—Outside Metropolitan Statistical Areas

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**21 948**	**18 318**	**74**	**111**	**3 445**	**1 090**	**1 692**	**233**	**281**	**150**
Stories in Structure										
1 to 3	21 814	18 204	74	109	3 427	1 086	1 692	233	278	139
4 to 6	60	52	–	3	5	–	–	–	3	3
7 or more	74	62	–	–	12	4	–	–	–	8
Rooms										
1 room	273	140	5	10	118	40	30	13	13	23
2 rooms	558	360	2	6	190	58	76	20	26	10
3 rooms	1 783	1 261	9	23	490	138	236	46	40	29
4 rooms	4 577	3 390	9	38	1 139	318	664	52	93	11
5 rooms	5 613	4 756	13	21	823	250	450	33	52	39
6 rooms	4 501	4 102	8	9	382	166	139	31	31	14
7 rooms	2 443	2 262	18	3	160	65	58	20	13	4
8 rooms	1 185	1 107	1	–	77	29	26	–	9	12
9 rooms or more	1 015	940	9	–	66	25	13	18	5	6
Median	**5.2**	**5.3**	**5.5**	**3.9**	**4.3**	**4.5**	**4.3**	**4.2**	**4.2**	**4.5**
Bedrooms										
None	319	173	5	10	131	42	33	16	17	23
1	2 354	1 720	16	33	585	186	230	68	63	38
2	7 774	6 034	21	52	1 667	467	954	87	123	37
3	8 744	7 842	14	15	873	331	405	39	55	43
4 or more	2 757	2 549	19	2	188	63	69	23	23	9
Median	**2.6**	**2.7**	**2.3**	**1.8**	**2.1**	**2.2**	**2.1**	**1.9**	**2.0**	**1.9**
Complete Bathrooms										
None	1 545	958	14	14	558	241	159	29	121	8
1	13 576	11 175	40	87	2 275	714	1 147	159	142	113
1 and one-half	2 902	2 613	11	8	271	62	176	16	10	5
2 or more	3 925	3 572	10	3	341	72	210	28	8	23

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 1D-3. Selected Equipment and Plumbing—All Housing Units—Outside Metropolitan Statistical Areas

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**21 948**	**18 318**	**74**	**111**	**3 445**	**1 090**	**1 692**	**233**	**281**	**150**
Kitchen										
With complete kitchen facilities	20 916	17 711	68	104	3 033	944	1 584	207	182	116
Air Conditioning										
With air conditioning	9 997	8 606	39	34	1 318	343	746	85	66	77
Central	4 233	3 798	3	5	427	78	297	21	16	16
1 room unit	4 314	3 542	26	26	720	222	373	47	32	45
2 room units or more	1 450	1 265	10	3	171	43	76	18	19	15
None	11 951	9 712	35	78	2 127	746	946	148	214	73
Main Heating Equipment										
Warm-air furnace	9 691	8 187	22	45	1 437	314	952	70	52	48
Steam or hot water system	1 773	1 600	23	18	132	51	35	18	8	18
Electric heat pump	713	638	–	3	72	10	46	–	2	13
Built-in electric units	2 277	2 006	4	7	259	78	120	28	11	22
Floor, wall or pipeless furnace	1 347	1 148	5	5	189	65	70	24	22	8
Room heaters with flue	2 375	1 889	6	10	469	188	184	46	34	16
Room heaters without flue	1 167	859	3	9	297	136	87	19	53	2
Portable heaters, fireplaces, stoves	2 376	1 881	11	8	475	196	173	22	73	11
None	229	110	–	4	115	51	23	5	25	11
Plumbing										
Complete plumbing for exclusive use	20 641	17 537	71	98	2 936	869	1 555	204	166	141
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	88	62	–	9	17	3	6	3	4	1
Some, but not all plumbing facilities	608	378	2	4	224	124	59	5	34	3
No plumbing facilities	611	341	2	–	268	93	72	22	76	5
Source of Water										
Public system or private company	14 475	12 341	61	100	1 973	674	904	158	127	110
Well serving 1 to 5 units	6 564	5 309	10	9	1 236	333	683	64	123	33
Drilled	5 499	4 502	4	9	984	236	579	49	90	30
Dug	1 065	807	7	–	252	97	104	15	33	3
Other	909	668	3	2	236	83	105	11	31	6

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 2-1. Introductory Characteristics—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**80 905**	**73 859**	**412**	**624**	**6 011**	**2 171**	**2 466**	**558**	**541**	**275**
Tenure										
Owner occupied	53 005	49 402	287	195	3 120	857	1 804	206	165	88
Percent of all occupied	65.5	66.9	69.6	31.3	51.9	39.5	73.2	37.0	30.5	32.1
Renter occupied	27 901	24 457	125	428	2 890	1 314	662	352	376	187
Race and Origin[1]										
White	69 295	63 636	348	510	4 800	1 543	2 279	486	267	226
Non-Hispanic	67 044	61 567	331	503	4 643	1 451	2 243	483	251	215
Hispanic	2 251	2 069	17	7	157	92	36	3	16	11
Black	8 657	7 542	51	95	969	505	127	59	244	34
Other	2 954	2 681	13	19	241	123	59	13	30	16
Total Hispanic	3 897	3 531	22	28	315	179	64	8	43	21
Units in Structure										
1, detached	51 178	48 593	213	107	2 266	1 291	354	269	277	75
1, attached	3 458	3 276	24	16	142	57	10	38	21	16
2 to 4	8 796	7 714	146	351	585	304	44	111	88	38
5 to 9	3 408	3 093	14	42	259	152	12	37	44	15
10 to 19	3 474	3 206	8	30	230	114	14	27	36	40
20 to 49	2 664	2 493	5	23	143	65	2	25	28	23
50 or more	4 116	3 865	2	53	196	60	13	35	28	60
Mobile home or trailer (with no permanent room attached)	3 811	1 619	–	2	2 190	129	2 017	17	17	10
Condominiums										
Number of condominiums	1 887	1 867	2	6	12	3	2	–	4	3
Year Structure Built										
1979 to March 1980	2 269	2 016	3	15	235	39	168	5	14	9
1975 to 1978	7 746	7 047	14	22	662	105	521	21	10	5
1970 to 1974	10 130	9 145	20	7	958	143	740	37	21	18
1960 to 1969	16 201	15 144	36	61	961	226	556	62	70	47
1950 to 1959	14 665	13 740	71	86	769	332	217	92	76	51
1940 to 1949	9 108	8 296	55	83	675	361	97	71	111	35
1939 or earlier	20 786	18 471	214	350	1 750	965	168	270	238	109
Median	**1956**	**1957**	**1940**	**1940**	**1956**	**1943**	**1971**	**1941**	**1942**	**1947**
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	62 398	57 856	344	524	3 674	1 416	1 277	390	390	200
In central cities	27 461	25 488	155	321	1 498	724	179	190	280	126
Suburbs	34 937	32 369	189	203	2 176	692	1 098	200	111	75
Outside metropolitan statistical areas	18 507	16 003	68	100	2 336	755	1 189	168	150	75
Regions										
Northeast	17 443	16 346	157	221	719	263	184	122	83	66
Midwest	21 059	19 470	101	187	1 301	534	452	118	156	40
South	26 562	23 427	75	140	2 920	997	1 325	232	264	102
West	15 841	14 617	79	75	1 071	376	504	86	38	67
Urbanized Areas										
Inside urbanized areas	52 490	49 126	279	495	2 589	1 150	640	292	332	175
In central cities of (P)MSA's	27 117	25 159	152	321	1 485	720	174	187	278	126
Urban fringe	25 373	23 968	127	174	1 104	431	465	105	54	49
Outside urbanized areas	28 416	24 733	133	129	3 421	1 021	1 826	266	209	100
Other urban	10 736	9 643	64	85	943	353	365	120	41	64
Rural	17 679	15 089	69	44	2 478	667	1 461	145	168	37
Place Size[2]										
Less than 2,500 persons	4 317	3 845	26	20	427	147	203	40	29	8
2,500 to 9,999 persons	8 838	8 006	68	76	689	211	319	90	29	40
10,000 to 19,999 persons	8 140	7 587	34	59	460	202	140	53	29	35
20,000 to 49,999 persons	11 650	10 917	78	84	571	273	175	68	33	23
50,000 to 99,999 persons	7 584	7 177	24	52	330	145	77	44	37	27
100,000 to 249,999 persons	6 620	6 222	31	52	315	172	60	26	37	20
250,000 to 499,999 persons	4 696	4 358	28	51	259	120	24	38	63	13
500,000 to 999,999 persons	4 106	3 820	34	69	182	76	25	28	44	9
1,000,000 persons or more	6 624	6 068	34	115	408	211	8	47	91	51

[1]Figures may not add to total, because more than one category may apply to unit.
[2]Figures will not add to total, because all units are not in Places.

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 2-2. Size—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**80 905**	**73 859**	**412**	**624**	**6 011**	**2 171**	**2 466**	**558**	**541**	**275**
Stories in Structure										
1 to 3	76 991	70 219	409	558	5 805	2 105	2 466	513	502	219
4 to 6	2 167	2 012	1	26	129	52	–	26	30	21
7 or more	1 748	1 629	2	40	77	13	–	19	9	35
Rooms										
1 room	1 100	815	11	38	236	99	25	33	16	63
2 rooms	2 509	2 132	10	69	297	97	76	44	44	36
3 rooms	7 534	6 517	26	130	860	355	265	107	98	36
4 rooms	14 769	12 726	47	134	1 862	546	1 023	113	151	28
5 rooms	18 805	17 210	79	110	1 407	464	705	92	99	47
6 rooms	16 771	15 840	80	73	778	364	237	86	65	26
7 rooms	9 883	9 493	56	43	292	135	84	37	31	5
8 rooms	5 274	5 044	42	22	167	69	40	20	21	17
9 rooms or more	4 262	4 082	62	5	112	41	11	27	17	17
Median	**5.3**	**5.4**	**5.9**	**4.1**	**4.4**	**4.5**	**4.3**	**4.3**	**4.3**	**3.6**
Bedrooms										
None	1 458	1 139	11	44	264	106	25	39	20	73
1	11 396	9 983	49	234	1 130	495	264	164	152	55
2	25 410	22 412	102	200	2 696	824	1 431	183	194	64
3	31 369	29 587	122	113	1 547	599	671	113	112	52
4 or more	11 272	10 738	128	33	373	147	76	58	62	30
Median	**2.6**	**2.6**	**2.9**	**1.7**	**2.1**	**2.1**	**2.2**	**1.9**	**2.0**	**1.6**
Complete Bathrooms										
None	2 035	1 469	24	45	497	263	96	28	84	26
1	46 414	41 549	194	440	4 231	1 601	1 640	405	390	195
1 and one-half	12 228	11 624	53	49	502	134	293	45	22	8
2 or more	20 228	19 217	142	89	780	173	437	80	45	46

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 2-3. Selected Equipment and Plumbing—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**80 905**	**73 859**	**412**	**624**	**6 011**	**2 171**	**2 466**	**558**	**541**	**275**
Kitchen										
With complete kitchen facilities	79 488	72 830	406	593	5 659	2 016	2 408	532	487	215
Air Conditioning										
With air conditioning	45 741	42 536	179	279	2 747	750	1 420	268	182	128
Central	22 484	21 306	36	76	1 065	204	662	95	43	61
1 room unit	15 750	14 217	81	170	1 282	412	614	115	100	40
2 room units or more	7 507	7 013	61	33	400	133	144	57	39	26
None	35 164	31 323	233	344	3 264	1 421	1 046	290	359	147
Main Heating Equipment										
Warm-air furnace	40 440	37 343	171	233	2 692	660	1 628	180	141	83
Steam or hot water system	14 134	13 110	131	225	667	302	35	133	99	99
Electric heat pump	2 826	2 700	5	5	115	24	63	15	5	8
Built-in electric units	6 240	5 854	18	32	337	100	125	51	36	25
Floor, wall or pipeless furnace	4 954	4 567	24	20	344	160	103	34	39	7
Room heaters with flue	5 757	4 898	25	57	777	375	232	68	68	34
Room heaters without flue	2 679	2 147	11	31	490	240	118	47	76	9
Portable heaters, fireplaces, stoves	3 394	2 828	17	21	529	262	158	29	73	6
None	481	411	10	–	60	49	4	–	5	2
Plumbing										
Complete plumbing for exclusive use	79 390	72 802	404	584	5 600	1 951	2 393	533	467	256
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	526	424	5	34	62	29	9	11	7	7
Some, but not all plumbing facilities	573	391	3	4	175	104	29	4	36	3
No plumbing facilities	416	242	–	1	173	86	36	10	31	9
Source of Water										
Public system or private company	69 436	64 066	365	598	4 407	1 684	1 584	469	427	242
Well serving 1 to 5 units	10 691	9 176	39	24	1 452	433	797	89	104	29
Drilled	9 238	8 001	30	23	1 184	329	675	73	82	25
Dug	1 454	1 176	9	1	268	103	122	16	22	5
Other	778	616	9	2	151	54	84	–	9	3
Telephone										
Telephone (in housing unit)	75 633	70 011	390	522	4 709	1 676	1 995	469	347	222
No telephone (in housing unit)	5 273	3 848	22	102	1 301	495	471	89	194	53
Cars and Trucks Available[1]										
No cars, trucks or vans	10 512	9 020	64	181	1 247	589	223	110	220	106
Other households without cars	1 416	1 166	12	9	230	67	110	31	13	10
1 car with or without trucks or vans	37 436	33 942	182	311	3 001	980	1 432	280	203	106
2 cars	24 698	23 253	107	115	1 223	422	564	107	93	37
3 or more cars	6 844	6 479	47	8	310	113	138	31	12	16
With cars, no trucks or vans	50 397	46 714	252	371	3 060	1 060	1 344	324	221	111
1 truck or van with or without cars	17 852	16 184	86	62	1 520	465	803	110	95	47
2 or more trucks or vans	2 145	1 942	10	9	184	57	97	14	5	11

[1]Figures may not add to total, because more than one category may apply to unit.

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 2-4. Fuels—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**80 905**	**73 859**	**412**	**624**	**6 011**	**2 171**	**2 466**	**558**	**541**	**275**
Main House Heating Fuel										
Housing units with heating fuel	80 424	73 448	402	624	5 951	2 122	2 462	558	536	273
Electricity	14 290	13 248	34	51	957	244	499	109	62	43
Piped gas	44 982	41 636	235	381	2 730	1 132	892	280	298	127
Bottled, tank, or LP gas	3 647	2 737	3	6	901	225	575	31	45	25
Fuel oil, kerosene, or other liquid fuel	14 779	13 504	119	170	986	352	383	119	70	62
Coal or coke	465	394	2	2	66	32	18	6	9	2
Wood	2 087	1 784	9	6	288	131	93	14	47	2
Other fuel	174	143	–	6	24	6	2	–	5	11
Cooking Fuel										
With cooking fuel	80 749	73 779	412	607	5 950	2 151	2 466	556	532	246
Electricity	41 873	39 457	170	190	2 056	728	830	260	137	101
Piped gas	33 751	30 591	213	396	2 550	1 061	823	246	318	103
Bottled, tank, or LP gas	4 755	3 427	26	19	1 283	324	806	50	65	38
Fuel oil, kerosene, or other liquid fuel	149	136	1	3	10	5	1	–	–	4
Coal or coke	37	37	–	–	–	–	–	–	–	–
Wood	156	113	2	–	42	28	5	–	9	–
Other fuel	27	19	–	–	8	6	–	–	2	–
Water Heating Fuel										
With hot piped water	80 905	73 859	412	624	6 011	2 171	2 466	558	541	275
Electricity	25 572	23 002	92	105	2 373	644	1 356	177	116	79
Piped gas	44 531	41 466	235	391	2 439	1 084	674	267	292	122
Bottled, tank, or LP gas	3 328	2 638	15	13	662	186	369	39	45	22
Fuel oil, kerosene, or other liquid fuel	6 592	6 147	68	106	270	115	17	64	37	37
Coal or coke	117	103	–	2	13	9	2	–	–	2
Wood	122	95	3	2	23	14	2	–	7	–
Other fuel	128	112	–	–	16	8	2	–	3	3
No fuel used	515	296	–	4	215	110	44	10	41	9

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 2-5. Household Composition—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**80 905**	**73 859**	**412**	**624**	**6 011**	**2 171**	**2 466**	**558**	**541**	**275**
Persons										
1 person	18 138	15 981	88	255	1 814	626	676	227	175	111
2 persons	25 476	23 494	120	193	1 668	620	700	155	125	68
3 persons	14 185	13 059	71	68	987	327	508	49	70	33
4 persons	12 204	11 406	49	63	686	243	297	56	58	31
5 persons	6 439	5 901	30	19	489	193	177	43	57	19
6 persons	2 670	2 462	15	11	182	67	67	14	32	2
7 persons or more	1 794	1 555	40	14	184	95	41	14	24	10
Median	**2.4**	**2.4**	**2.5**	**1.8**	**2.2**	**2.2**	**2.3**	**1.8**	**2.3**	**1.9**
Age of Householder										
Under 25 years	6 207	5 232	21	90	863	292	424	56	52	38
25 to 29	9 121	8 139	33	92	857	271	368	74	106	38
30 to 34	9 305	8 545	28	60	671	227	291	75	55	23
35 to 44	13 891	12 883	79	73	855	314	354	83	62	41
45 to 54	12 582	11 693	66	62	761	287	295	74	83	22
55 to 64	13 035	12 106	86	81	761	266	315	71	70	39
65 to 74	10 336	9 477	45	77	737	304	272	63	60	39
75 years and over	6 429	5 784	53	88	505	209	147	62	53	34
Median	**47**	**47**	**52**	**45**	**42**	**44**	**39**	**44**	**44**	**44**
Household Composition by Age of Householder										
2-or-more person households	62 768	57 878	325	368	4 196	1 545	1 790	330	366	164
Married-couple families, no nonrelatives	48 836	45 525	203	248	2 860	941	1 420	214	197	87
Under 25 years	2 663	2 177	6	33	447	123	275	13	23	14
25 to 30 years	5 328	4 799	14	47	467	141	249	18	39	19
30 to 34 years	6 047	5 653	11	23	361	108	190	25	31	7
35 to 44 years	9 788	9 255	50	32	451	164	210	43	23	10
45 to 64 years	17 397	16 522	86	74	714	241	328	77	47	21
65 years and over	7 612	7 119	35	39	419	164	168	38	34	16
Other male householder	4 315	3 782	36	43	455	215	112	39	57	31
Under 45 years	2 831	2 495	21	31	285	146	81	25	13	20
45 to 64 years	1 042	909	7	7	119	48	21	14	28	9
65 years and over	442	379	8	6	50	21	10	–	16	2
Other female householder	9 616	8 571	86	78	882	389	258	78	112	46
Under 45 years	5 592	4 925	41	53	572	222	177	62	80	32
45 to 64 years	2 603	2 362	28	17	196	105	62	5	19	5
65 years and over	1 422	1 284	16	8	114	62	19	10	13	9
1-person households	18 138	15 981	88	255	1 814	626	676	227	175	111
Male householder	6 887	5 784	32	105	967	344	329	131	111	52
Under 45 years	3 744	3 199	6	62	477	145	173	76	53	30
45 to 64 years	1 658	1 377	12	19	251	103	70	27	33	17
65 years and over	1 485	1 208	14	24	239	96	86	28	25	4
Female householder	11 250	10 197	56	150	848	282	346	96	64	59
Under 45 years	2 530	2 297	12	35	186	56	82	26	13	8
45 to 64 years	2 917	2 629	19	27	242	56	129	21	26	10
65 years and over	5 804	5 271	25	89	419	170	135	49	24	40
Years of School Completed by Householder										
No school years completed	633	546	8	7	72	31	23	2	17	–
Elementary:										
less than 8 years	7 416	6 372	47	52	944	429	295	60	123	37
8 years	6 669	5 934	45	53	637	251	263	55	57	12
High school:										
1 to 3 years	12 248	10 888	50	125	1 184	448	491	94	106	45
4 years	25 720	23 478	147	182	1 914	587	924	168	154	81
College:										
1 to 3 years	13 399	12 482	52	81	784	286	321	86	48	44
4 years or more	14 821	14 159	63	123	475	139	150	93	37	56
Median	**12.5**	**12.6**	**12.4**	**12.4**	**12.1**	**11.4**	**12.2**	**12.4**	**11.1**	**12.5**

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 2-6. Financial Characteristics—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**80 905**	**73 859**	**412**	**624**	**6 011**	**2 171**	**2 466**	**558**	**541**	**275**
Household Income										
Less than $5,000	10 628	8 944	53	135	1 495	591	482	138	203	81
$5,000 to $9,999	12 938	11 289	71	153	1 425	566	557	142	93	67
$10,000 to $14,999	12 058	10 836	65	113	1 045	332	472	95	92	54
$15,000 to $19,999	11 587	10 632	55	59	841	280	419	58	64	19
$20,000 to $24,999	10 152	9 541	50	45	516	174	242	43	41	17
$25,000 to $29,999	7 371	7 047	26	34	263	73	136	26	24	5
$30,000 to $34,999	5 326	5 104	15	29	178	56	78	21	12	11
$35,000 to $39,999	3 468	3 324	29	15	100	26	34	16	11	12
$40,000 to $49,999	3 732	3 611	22	23	76	45	19	2	2	8
$50,000 to $59,999	1 546	1 492	15	11	27	12	7	8	–	–
$60,000 to $74,999	974	949	5	–	20	8	8	2	–	2
$75,000 or more	1 125	1 089	5	6	24	8	11	5	–	–
Median	**17 083**	**17 756**	**16 525**	**11 017**	**10 408**	**9 372**	**12 046**	**9 946**	**8 621**	**9 262**
Monthly Housing Costs[1]										
Less than $100	1 614	1 315	6	41	252	143	31	25	46	8
$100 to $199	7 885	6 821	32	151	881	495	43	126	152	66
$200 to $249	7 345	6 786	34	89	436	243	35	62	63	33
$250 to $299	7 530	7 147	22	41	320	197	34	42	40	7
$300 to $349	5 948	5 685	24	35	204	106	13	25	35	25
$350 to $399	4 702	4 529	18	21	134	65	20	21	16	12
$400 to $449	3 407	3 325	11	16	56	29	12	10	5	–
$450 to $499	2 906	2 812	24	19	51	14	–	16	6	15
$500 to $599	3 950	3 837	12	17	84	24	15	21	8	16
$600 to $699	2 402	2 359	19	9	15	5	5	5	–	–
$700 to $799	1 256	1 231	6	4	15	7	5	–	–	3
$800 or more	2 006	1 972	9	11	14	9	–	2	2	–
No cash rent	1 439	1 200	13	8	219	98	42	33	32	13
Median	**309**	**316**	**329**	**220**	**211**	**206**	**246**	**222**	**193**	**228**

[1]Limited to owners in 1-unit structures on less than 10 acres, with a mortgage of less than $2000 and no business on property, and to renters, except those in 1-unit structures on 10 acres or more.

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 3-1. Introductory Characteristics—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**53 005**	**49 402**	**287**	**195**	**3 120**	**857**	**1 804**	**206**	**165**	**88**
Tenure										
Owner occupied	53 005	49 402	287	195	3 120	857	1 804	206	165	88
Percent of all occupied	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Renter occupied	...	...	...	...	...	...	...	...	...	...
Race and Origin[1]										
White	47 945	44 761	245	180	2 760	710	1 682	187	107	74
Non-Hispanic	46 846	43 708	236	180	2 722	694	1 667	187	107	67
Hispanic	1 099	1 052	9	–	38	16	15	–	–	7
Black	3 825	3 485	30	16	294	128	83	16	52	15
Other	1 234	1 156	12	–	66	18	39	3	7	–
Total Hispanic	1 682	1 594	14	3	72	26	34	–	5	7
Units in Structure										
1, detached	44 175	42 706	180	71	1 219	664	206	157	137	54
1, attached	1 927	1 857	17	3	52	18	8	16	7	3
2 to 4	2 332	2 054	76	102	100	64	4	15	6	11
5 to 9	452	416	7	7	23	11	5	3	–	3
10 to 19	322	286	3	6	27	9	8	2	3	5
20 to 49	303	296	5	–	2	–	–	2	–	–
50 or more	438	419	–	6	12	–	4	2	–	6
Mobile home or trailer (with no permanent room attached)	3 055	1 368	–	–	1 687	91	1 570	9	12	6
Condominiums										
Number of condominiums	1 359	1 350	–	6	2	–	2	–	–	–
Year Structure Built										
1979 to March 1980	1 594	1 392	2	9	191	32	147	2	6	4
1975 to 1978	5 583	5 045	9	2	527	79	428	11	6	3
1970 to 1974	6 408	5 683	12	5	707	78	598	21	9	2
1960 to 1969	10 480	9 892	31	10	547	103	391	18	17	17
1950 to 1959	10 550	10 139	52	29	330	134	122	33	16	25
1940 to 1949	5 678	5 356	38	15	269	139	49	37	38	6
1939 or earlier	12 713	11 894	144	125	550	292	69	84	73	32
Median	**1957**	**1957**	**1940**	**1940**	**1966**	**1949**	**1973**	**1945**	**1942**	**1952**
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	39 181	37 031	236	162	1 752	493	960	141	103	55
In central cities	13 919	13 305	96	89	428	186	122	43	53	24
Suburbs	25 262	23 726	140	73	1 324	306	837	98	50	32
Outside metropolitan statistical areas	13 824	12 371	51	33	1 369	364	845	65	62	33
Regions										
Northeast	10 519	10 000	109	91	319	98	152	41	11	17
Midwest	14 788	13 998	68	50	673	235	356	39	36	7
South	18 123	16 467	50	35	1 572	405	926	97	98	47
West	9 574	8 937	60	20	557	118	371	29	20	18
Urbanized Areas										
Inside urbanized areas	31 334	29 971	194	155	1 013	358	455	85	75	40
In central cities of (P)MSA's	13 704	13 098	94	89	423	186	118	43	52	24
Urban fringe	17 630	16 873	101	66	590	172	337	42	23	16
Outside urbanized areas	21 671	19 430	93	40	2 108	499	1 349	122	90	48
Other urban	7 316	6 796	41	21	458	130	245	48	5	31
Rural	14 355	12 634	51	20	1 650	369	1 104	74	85	18
Place Size[2]										
Less than 2,500 persons	3 273	3 003	19	10	241	66	139	18	16	2
2,500 to 9,999 persons	6 357	5 908	48	19	383	102	213	45	4	19
10,000 to 19,999 persons	5 519	5 267	29	12	211	68	101	17	11	14
20,000 to 49,999 persons	7 604	7 281	55	32	237	86	117	19	7	8
50,000 to 99,999 persons	4 531	4 375	17	16	122	39	47	8	16	12
100,000 to 249,999 persons	3 787	3 638	20	20	109	48	46	8	5	3
250,000 to 499,999 persons	2 491	2 403	15	11	62	24	14	7	14	2
500,000 to 999,999 persons	2 073	1 984	24	13	52	33	14	2	–	3
1,000,000 persons or more	2 496	2 349	19	44	85	43	7	15	17	3

[1]Figures may not add to total, because more than one category may apply to unit.
[2]Figures will not add to total, because all units are not in Places.

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 3-2. Size—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**53 005**	**49 402**	**287**	**195**	**3 120**	**857**	**1 804**	**206**	**165**	**88**
Stories in Structure										
1 to 3	52 589	48 997	287	186	3 118	857	1 804	204	165	88
4 to 6	190	188	–	3	–	–	–	–	–	–
7 or more	226	217	–	6	2	–	–	2	–	–
Rooms										
1 room	73	37	–	–	36	10	17	3	2	5
2 rooms	322	232	3	2	85	12	45	11	10	8
3 rooms	1 393	1 095	5	22	271	70	172	19	10	–
4 rooms	6 275	5 220	21	40	994	181	751	30	32	–
5 rooms	13 179	12 251	47	33	848	208	535	40	41	24
6 rooms	14 092	13 501	63	43	486	213	178	44	30	20
7 rooms	8 781	8 501	49	36	196	75	71	30	15	5
8 rooms	4 879	4 712	39	17	110	53	26	9	9	15
9 rooms or more	4 011	3 854	60	3	95	35	9	22	17	12
Median	**5.9**	**5.9**	**6.6**	**5.5**	**4.7**	**5.2**	**4.4**	**5.5**	**5.2**	**5.9**
Bedrooms										
None	96	60	–	–	36	10	17	3	2	5
1	2 160	1 804	11	40	304	82	159	22	30	10
2	14 216	12 567	61	57	1 531	336	1 051	78	49	17
3	26 433	25 245	99	69	1 020	334	531	66	55	33
4 or more	10 100	9 725	116	29	230	95	46	37	30	23
Median	**2.9**	**2.9**	**3.2**	**2.5**	**2.3**	**2.5**	**2.2**	**2.5**	**2.5**	**2.9**
Complete Bathrooms										
None	801	620	10	9	163	76	51	5	29	2
1	24 462	22 298	99	90	1 975	566	1 145	119	96	49
1 and one-half	9 977	9 519	50	34	374	96	231	31	11	5
2 or more	17 764	16 965	128	63	609	119	378	51	29	33

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 3-3. Selected Equipment and Plumbing—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**53 005**	**49 402**	**287**	**195**	**3 120**	**857**	**1 804**	**206**	**165**	**88**
Kitchen										
With complete kitchen facilities	52 450	48 951	287	195	3 016	809	1 778	203	145	82
Air Conditioning										
With air conditioning	32 111	30 143	139	107	1 723	388	1 091	113	70	61
Central	16 463	15 646	27	39	752	112	563	36	11	30
1 room unit	9 849	9 027	59	53	710	199	421	42	36	11
2 room units or more	5 799	5 471	53	15	261	77	107	35	22	19
None	20 893	19 258	148	89	1 398	469	713	93	95	27
Main Heating Equipment										
Warm-air furnace	30 332	28 352	121	80	1 779	338	1 275	82	44	39
Steam or hot water system	7 278	6 973	93	76	136	72	9	28	12	15
Electric heat pump	1 953	1 870	5	2	75	17	43	7	5	3
Built-in electric units	3 333	3 155	10	3	164	36	92	19	16	2
Floor, wall or pipeless furnace	2 937	2 750	20	10	157	61	66	7	17	6
Room heaters with flue	3 129	2 750	16	16	347	113	170	29	18	16
Room heaters without flue	1 423	1 230	5	5	183	95	45	19	19	5
Portable heaters, fireplaces, stoves	2 421	2 134	11	3	273	120	104	15	33	2
None	197	186	6	–	5	5	–	–	–	–
Plumbing										
Complete plumbing for exclusive use	52 416	48 961	282	189	2 984	795	1 767	201	136	86
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	109	93	2	6	9	2	3	4	–	–
Some, but not all plumbing facilities	301	227	3	–	71	36	20	–	16	–
No plumbing facilities	178	122	–	–	56	24	15	2	13	2
Source of Water										
Public system or private company	43 385	40 933	251	180	2 021	563	1 129	155	105	69
Well serving 1 to 5 units	9 002	7 964	31	14	993	267	605	51	54	16
Drilled	7 866	7 000	22	14	831	212	516	43	44	16
Dug	1 136	965	9	–	162	55	89	8	9	–
Other	617	504	5	2	106	27	70	–	6	3
Telephone										
Telephone (in housing unit)	51 570	48 375	285	187	2 724	767	1 559	189	127	81
No telephone (in housing unit)	1 434	1 027	2	9	396	90	245	17	38	7
Cars and Trucks Available[1]										
No cars, trucks or vans	3 293	2 907	31	38	317	121	129	14	40	12
Other households without cars	852	737	10	4	101	31	58	9	2	–
1 car with or without trucks or vans	23 228	21 336	123	85	1 684	376	1 073	118	75	42
2 cars	19 680	18 735	83	65	797	260	436	39	41	20
3 or more cars	5 953	5 686	41	4	222	69	107	25	7	14
With cars, no trucks or vans	33 338	31 404	170	131	1 633	418	969	128	77	41
1 truck or van with or without cars	14 572	13 429	78	17	1 048	285	640	50	45	27
2 or more trucks or vans	1 802	1 662	8	9	123	33	66	14	3	7

[1]Figures may not add to total, because more than one category may apply to unit.

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 3-4. Fuels—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**53 005**	**49 402**	**287**	**195**	**3 120**	**857**	**1 804**	**206**	**165**	**88**
Main House Heating Fuel										
Housing units with heating fuel	52 808	49 216	281	195	3 116	852	1 804	206	165	88
Electricity	8 213	7 632	24	5	552	98	381	39	26	9
Piped gas	30 171	28 640	172	125	1 234	384	629	100	79	42
Bottled, tank, or LP gas	2 728	2 089	–	2	637	133	447	20	21	15
Fuel oil, kerosene, or other liquid fuel	9 695	9 052	78	64	501	161	269	35	14	22
Coal or coke	288	264	2	–	22	8	6	2	6	–
Wood	1 689	1 517	4	–	168	68	71	10	19	–
Other fuel	23	21	–	–	2	–	2	–	–	–
Cooking Fuel										
With cooking fuel	52 996	49 395	287	195	3 119	857	1 804	206	165	86
Electricity	30 100	28 761	122	69	1 148	328	615	95	67	44
Piped gas	19 238	17 877	146	122	1 093	337	578	85	66	27
Bottled, tank, or LP gas	3 458	2 591	18	2	847	176	606	26	23	16
Fuel oil, kerosene, or other liquid fuel	61	55	–	3	4	2	1	–	–	–
Coal or coke	19	19	–	–	–	–	–	–	–	–
Wood	104	81	2	–	22	12	3	–	7	–
Other fuel	16	11	–	–	5	2	–	–	2	–
Water Heating Fuel										
With hot piped water	53 005	49 402	287	195	3 120	857	1 804	206	165	88
Electricity	17 685	16 068	59	22	1 535	334	1 040	74	60	27
Piped gas	29 196	27 891	172	130	1 003	352	459	94	63	34
Bottled, tank, or LP gas	2 285	1 860	9	5	412	89	274	20	19	9
Fuel oil, kerosene, or other liquid fuel	3 407	3 254	44	37	72	32	6	16	2	16
Coal or coke	75	71	–	–	4	4	–	–	–	–
Wood	94	75	3	2	15	8	2	–	5	–
Other fuel	29	27	–	–	2	–	2	–	–	–
No fuel used	234	155	–	–	79	37	20	2	18	2

SECTION B. **1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS**

Table 3-5. **Household Composition—Owner Occupied Units**

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**53 005**	**49 402**	**287**	**195**	**3 120**	**857**	**1 804**	**206**	**165**	**88**
Persons										
1 person	8 201	7 254	49	61	836	208	487	63	48	30
2 persons	17 492	16 406	75	73	938	286	524	63	47	18
3 persons	9 809	9 186	52	23	548	139	355	28	20	7
4 persons	9 309	8 886	38	22	362	96	217	21	13	16
5 persons	4 978	4 682	22	5	269	78	145	22	14	10
6 persons	1 983	1 873	12	7	91	20	53	–	16	2
7 persons or more	1 233	1 114	39	4	76	30	24	9	7	5
Median	**2.6**	**2.6**	**2.9**	**2.0**	**2.3**	**2.3**	**2.3**	**2.1**	**2.2**	**2.3**
Age of Householder										
Under 25 years	1 400	1 118	5	–	277	33	239	3	2	–
25 to 29	4 015	3 615	8	19	374	73	263	11	24	3
30 to 34	5 685	5 335	12	18	321	85	203	17	9	6
35 to 44	10 008	9 468	59	23	459	131	258	34	22	15
45 to 54	9 770	9 271	57	23	419	118	230	26	32	13
55 to 64	10 279	9 694	73	37	475	130	261	47	18	19
65 to 74	7 498	6 982	28	24	465	152	224	42	26	21
75 years and over	4 349	3 920	46	53	330	135	127	26	31	11
Median	**51**	**51**	**55**	**59**	**48**	**54**	**43**	**58**	**53**	**59**
Household Composition by Age of Householder										
2-or-more person households	44 804	42 148	238	134	2 284	649	1 317	143	117	59
Married-couple families, no nonrelatives	38 455	36 356	168	114	1 816	468	1 111	120	76	41
Under 25 years	1 012	814	2	–	196	26	168	–	2	–
25 to 30 years	3 207	2 910	8	16	273	55	198	6	12	3
30 to 34 years	4 561	4 335	6	12	208	42	140	15	8	3
35 to 44 years	8 160	7 790	42	18	310	93	174	20	16	8
45 to 64 years	15 229	14 582	82	45	521	154	277	52	23	15
65 years and over	6 286	5 925	28	23	309	99	154	28	16	13
Other male householder	1 973	1 771	21	10	171	63	65	10	19	14
Under 45 years	958	845	10	3	100	43	45	3	2	7
45 to 64 years	685	630	5	2	48	13	12	7	10	7
65 years and over	330	296	6	6	23	7	9	–	7	–
Other female householder	4 376	4 020	49	10	297	118	141	13	21	4
Under 45 years	1 698	1 540	12	3	144	43	83	10	6	2
45 to 64 years	1 650	1 537	23	4	86	35	44	3	4	–
65 years and over	1 028	944	14	3	67	40	14	–	11	2
1-person households	8 201	7 254	49	61	836	208	487	63	48	30
Male householder	2 658	2 245	17	22	374	89	219	30	27	9
Under 45 years	1 012	860	–	8	145	17	108	8	10	2
45 to 64 years	776	665	5	5	101	30	53	7	6	5
65 years and over	869	720	12	10	128	42	58	15	11	2
Female householder	5 543	5 009	33	39	462	119	268	33	21	20
Under 45 years	499	441	2	–	56	4	47	4	1	–
45 to 64 years	1 708	1 552	15	4	137	15	105	4	7	6
65 years and over	3 335	3 017	15	34	269	99	116	26	13	15
Years of School Completed by Householder										
No school years completed	317	275	5	5	33	5	17	2	9	–
Elementary:										
less than 8 years	4 697	4 161	32	21	483	167	208	48	41	19
8 years	4 671	4 272	29	27	344	115	192	22	11	4
High school:										
1 to 3 years	7 584	6 943	37	35	568	142	357	21	33	14
4 years	16 970	15 742	110	33	1 084	266	701	58	36	24
College:										
1 to 3 years	8 340	7 885	29	25	400	115	234	30	13	9
4 years or more	10 426	10 123	44	50	209	47	96	25	22	19
Median	**12.5**	**12.6**	**12.4**	**12.3**	**12.1**	**12.0**	**12.2**	**12.2**	**10.9**	**12.3**

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 3-6. Financial Characteristics—Owner Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**53 005**	**49 402**	**287**	**195**	**3 120**	**857**	**1 804**	**206**	**165**	**88**
Household Income										
Less than $5,000	4 647	3 987	21	32	608	185	302	51	42	27
$5,000 to $9,999	6 647	5 905	44	33	665	190	383	50	23	19
$10,000 to $14,999	6 653	6 063	45	22	523	119	354	16	29	4
$15,000 to $19,999	7 560	6 995	33	23	510	124	336	19	27	3
$20,000 to $24,999	7 578	7 172	36	19	351	104	196	23	18	10
$25,000 to $29,999	5 931	5 715	22	13	181	33	114	17	13	5
$30,000 to $34,999	4 481	4 321	14	17	129	40	63	12	8	7
$35,000 to $39,999	3 008	2 903	28	11	67	21	25	10	5	5
$40,000 to $49,999	3 279	3 200	21	10	48	27	13	–	–	8
$50,000 to $59,999	1 329	1 293	13	9	15	5	4	6	–	–
$60,000 to $74,999	886	870	5	–	10	3	5	2	–	–
$75,000 or more	1 004	978	5	6	15	4	11	–	–	–
Median	**20 656**	**21 221**	**19 933**	**17 344**	**12 753**	**12 218**	**13 066**	**10 599**	**13 037**	**9 559**
Value[1]										
Less than $10,000	1 301	1 155	6	3	137	81	18	9	21	8
$10,000 to $19,999	3 407	3 205	4	2	196	117	30	22	26	–
$20,000 to $29,999	5 227	5 003	28	11	185	110	28	18	26	3
$30,000 to $39,999	6 241	6 105	24	6	107	57	15	15	16	5
$40,000 to $49,999	6 297	6 149	24	14	109	56	18	26	4	6
$50,000 to $59,999	5 102	4 986	19	11	86	36	21	17	4	7
$60,000 to $69,999	4 124	4 066	20	10	28	10	7	6	3	3
$70,000 to $79,999	3 127	3 078	6	4	38	18	9	4	2	5
$80,000 to $99,999	3 299	3 246	16	–	37	19	6	5	4	3
$100,000 to $124,999	1 695	1 658	11	9	17	7	2	2	3	3
$125,000 to $149,999	962	947	5	–	10	6	–	4	–	–
$150,000 to $199,999	844	830	6	3	5	3	–	–	–	2
$200,000 or more	564	545	12	–	8	5	–	–	–	3
Median	**47 810**	**48 162**	**52 323**	**50 167**	**28 008**	**25 858**	**30 440**	**39 459**	**22 863**	**...**
Mortgages Currently on Property[2]										
None, owned free and clear	14 476	13 883	74	28	491	277	89	68	34	23
With mortgage or land contract	26 356	25 741	106	38	470	249	62	61	74	24
One mortgage or land contract	23 642	23 088	100	32	422	229	55	53	68	18
Two mortgages or more	2 714	2 653	6	6	48	20	7	8	6	6
Monthly Payment to Lender[2]										
Less than $100	2 745	2 621	10	–	114	65	9	15	18	6
$100 to $199	7 941	7 751	23	2	165	99	16	21	27	2
$200 to $249	3 337	3 253	33	6	44	26	6	3	7	2
$250 to $299	2 887	2 836	8	–	43	17	9	8	8	2
$300 to $349	2 336	2 308	2	–	25	8	2	4	6	5
$350 to $399	1 783	1 748	5	7	23	9	6	5	–	4
$400 to $449	1 444	1 407	5	13	19	6	5	2	2	3
$450 to $499	952	919	12	–	21	13	4	–	4	–
$500 to $599	1 266	1 248	6	3	8	4	4	–	–	–
$600 to $699	694	686	2	3	2	–	–	–	2	–
$700 to $799	361	350	–	6	4	2	–	2	–	–
$800 to $999	354	354	–	–	–	–	–	–	–	–
$1,000 to $1,249	162	162	–	–	–	–	–	–	–	–
$1,250 to $1,499	40	40	–	–	–	–	–	–	–	–
$1,500 or more	56	56	–	–	–	–	–	–	–	–
Median	**237**	**238**	**230**	**...**	**173**	**160**	**241**	**173**	**170**	**...**
Monthly Housing Costs[3]										
Less than $100	18	15	–	–	3	–	–	–	–	3
$100 to $199	1 529	1 456	4	–	69	44	7	6	12	–
$200 to $249	2 252	2 171	7	–	75	48	6	12	9	–
$250 to $299	3 012	2 946	12	–	54	34	7	6	7	–
$300 to $349	2 924	2 853	15	–	56	30	2	2	19	2
$350 to $399	2 914	2 858	11	3	42	19	9	9	2	2
$400 to $449	2 565	2 532	4	2	27	12	7	5	3	–
$450 to $499	2 185	2 136	15	8	26	12	–	4	6	4
$500 to $599	3 244	3 175	9	8	52	19	11	7	8	7
$600 to $699	2 111	2 084	16	3	8	–	5	3	–	–
$700 to $799	1 209	1 189	4	3	13	7	4	–	–	3
$800 or more	2 006	1 972	9	11	14	9	–	2	2	–
No cash rent	...	...	...	...	...	...	...	...	...	...
Median	**407**	**408**	**452**	**...**	**316**	**288**	**...**	**...**	**317**	**...**

[1]Limited to owners in 1-unit structures on less than 10 acres, with no business on property, and condominiums.
[2]Limited to owners in 1-unit structures on less than 10 acres, with no business on property.
[3]Limited to owners in 1-unit structures on less than 10 acres, with a mortgage of less than $2000, and no business on property.

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 4-1. Introductory Characteristics—Renter Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**27 901**	**24 457**	**125**	**428**	**2 890**	**1 314**	**662**	**352**	**376**	**187**
Tenure										
Owner occupied	...	...	...	...	...	...	...	...	...	...
Percent of all occupied	...	...	...	...	...	...	...	...	...	...
Renter occupied	27 901	24 457	125	428	2 890	1 314	662	352	376	187
Race and Origin[1]										
White	21 349	18 876	103	330	2 040	832	597	299	160	152
Non-Hispanic	20 198	17 859	95	323	1 921	756	576	296	144	148
Hispanic	1 152	1 017	8	7	119	76	21	3	16	4
Black	4 832	4 057	22	79	675	376	44	43	192	19
Other	1 719	1 525	–	19	175	106	21	10	24	16
Total Hispanic	2 216	1 938	9	26	243	153	30	8	38	14
Units in Structure										
1, detached	7 003	5 887	33	36	1 047	627	147	112	140	21
1, attached	1 530	1 420	7	13	90	39	2	21	15	13
2 to 4	6 464	5 660	70	249	486	240	40	97	82	26
5 to 9	2 956	2 677	7	35	236	140	7	34	44	12
10 to 19	3 153	2 920	5	24	203	106	6	24	33	34
20 to 49	2 360	2 197	–	23	141	65	2	23	28	23
50 or more	3 678	3 445	2	47	184	60	10	33	28	54
Mobile home or trailer (with no permanent room attached)	756	251	–	1	504	38	447	9	5	4
Condominiums										
Number of condominiums	529	517	2	–	9	3	–	–	4	3
Year Structure Built										
1979 to March 1980	675	623	1	6	44	7	21	2	8	6
1975 to 1978	2 163	2 002	5	21	135	26	93	10	4	2
1970 to 1974	3 722	3 462	7	2	252	65	142	16	12	16
1960 to 1969	5 721	5 252	5	50	415	122	164	45	53	30
1950 to 1959	4 115	3 601	19	57	439	199	95	59	60	26
1940 to 1949	3 430	2 940	17	67	406	222	48	34	73	29
1939 or earlier	8 073	6 578	71	225	1 200	673	99	186	165	78
Median	**1955**	**1957**	**1940**	**1940**	**1945**	**1940**	**1965**	**1940**	**1943**	**1944**
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	23 217	20 825	108	362	1 922	924	317	249	287	145
In central cities	13 542	12 182	58	232	1 070	537	56	148	226	102
Suburbs	9 675	8 643	50	130	853	386	261	102	61	43
Outside metropolitan statistical areas	4 683	3 632	17	66	968	390	344	102	89	42
Regions										
Northeast	6 924	6 346	48	131	400	165	32	81	72	50
Midwest	6 271	5 472	34	137	628	299	96	79	120	34
South	8 438	6 960	25	105	1 348	592	400	135	166	55
West	6 267	5 680	19	55	514	258	133	56	18	49
Urbanized Areas										
Inside urbanized areas	21 156	19 155	85	340	1 577	792	185	208	257	135
In central cities of (P)MSA's	13 413	12 060	58	232	1 063	533	56	145	226	102
Urban fringe	7 743	7 095	27	108	514	259	128	63	30	33
Outside urbanized areas	6 745	5 302	40	88	1 314	522	477	144	119	52
Other urban	3 420	2 847	23	65	486	223	120	73	36	33
Rural	3 324	2 455	17	24	828	298	357	71	83	19
Place Size[2]										
Less than 2,500 persons	1 044	842	7	9	186	81	64	22	13	6
2,500 to 9,999 persons	2 481	2 098	20	57	306	108	106	45	25	22
10,000 to 19,999 persons	2 621	2 320	5	47	249	134	39	36	18	21
20,000 to 49,999 persons	4 045	3 636	23	52	334	187	58	49	26	15
50,000 to 99,999 persons	3 053	2 802	7	36	208	106	30	35	21	16
100,000 to 249,999 persons	2 833	2 584	12	32	206	124	14	18	32	18
250,000 to 499,999 persons	2 205	1 954	13	40	197	97	10	31	49	11
500,000 to 999,999 persons	2 033	1 836	10	57	130	43	11	26	44	6
1,000,000 persons or more	4 128	3 718	15	71	323	168	2	31	74	48

[1]Figures may not add to total, because more than one category may apply to unit.
[2]Figures will not add to total, because all units are not in Places.

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 4-2. Size—Renter Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**27 901**	**24 457**	**125**	**428**	**2 890**	**1 314**	**662**	**352**	**376**	**187**
Stories in Structure										
1 to 3	24 402	21 222	122	371	2 687	1 249	662	309	337	131
4 to 6	1 977	1 824	1	23	129	52	–	26	30	21
7 or more	1 522	1 412	2	33	74	13	–	17	9	35
Rooms										
1 room	1 027	778	11	38	200	89	8	31	14	58
2 rooms	2 187	1 900	8	67	212	84	32	33	34	29
3 rooms	6 141	5 422	21	109	589	285	93	88	87	36
4 rooms	8 494	7 506	26	94	868	365	272	83	120	28
5 rooms	5 626	4 959	32	76	559	257	169	51	59	23
6 rooms	2 678	2 339	17	30	292	151	58	42	34	6
7 rooms	1 101	992	6	7	96	61	13	7	16	–
8 rooms	396	332	2	5	57	16	15	11	12	2
9 rooms or more	251	229	3	2	17	6	2	5	–	5
Median	**4.0**	**4.0**	**4.4**	**3.5**	**4.0**	**4.0**	**4.2**	**3.8**	**3.9**	**2.7**
Bedrooms										
None	1 363	1 079	11	44	228	96	8	37	19	69
1	9 236	8 178	38	194	826	413	105	142	122	46
2	11 194	9 845	41	143	1 165	488	379	105	145	47
3	4 936	4 342	22	44	528	265	139	47	57	19
4 or more	1 172	1 013	12	4	143	52	30	22	33	7
Median	**1.8**	**1.8**	**1.8**	**1.4**	**1.8**	**1.8**	**2.1**	**1.5**	**1.8**	**1.0**
Complete Bathrooms										
None	1 234	850	14	36	335	187	45	22	55	24
1	21 953	19 251	94	351	2 257	1 035	495	286	294	147
1 and one-half	2 251	2 105	4	15	127	38	62	14	10	3
2 or more	2 464	2 252	14	26	172	54	59	29	16	13

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 4-3. Selected Equipment and Plumbing—Renter Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**27 901**	**24 457**	**125**	**428**	**2 890**	**1 314**	**662**	**352**	**376**	**187**
Kitchen										
With complete kitchen facilities	27 038	23 879	119	397	2 642	1 207	631	329	342	133
Air Conditioning										
With air conditioning	13 630	12 392	40	173	1 024	362	329	155	112	67
Central	6 021	5 660	9	38	313	93	99	59	32	31
1 room unit	5 902	5 190	22	117	572	213	193	74	64	29
2 room units or more	1 708	1 542	9	18	139	56	37	22	17	7
None	14 271	12 065	85	255	1 866	952	333	197	263	120
Main Heating Equipment										
Warm-air furnace	10 108	8 991	50	153	914	322	353	97	97	45
Steam or hot water system	6 855	6 137	39	149	531	230	26	105	86	84
Electric heat pump	873	830	–	3	40	6	20	8	–	5
Built-in electric units	2 907	2 699	7	29	172	64	33	33	19	24
Floor, wall or pipeless furnace	2 017	1 817	4	9	187	99	37	27	22	1
Room heaters with flue	2 627	2 148	9	41	430	262	62	39	50	17
Room heaters without flue	1 256	917	6	26	306	144	73	28	57	5
Portable heaters, fireplaces, stoves	973	693	6	18	256	142	55	15	40	4
None	284	225	4	–	55	44	4	–	5	2
Plumbing										
Complete plumbing for exclusive use	26 974	23 842	121	395	2 616	1 157	626	332	331	170
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	417	332	4	28	54	27	6	7	7	7
Some, but not all plumbing facilities	272	164	–	4	104	67	9	4	20	3
No plumbing facilities	238	120	–	1	117	63	21	8	18	7
Source of Water										
Public system or private company	26 050	23 133	113	418	2 386	1 121	455	314	322	174
Well serving 1 to 5 units	1 690	1 212	8	10	459	166	192	38	51	13
Drilled	1 371	1 001	8	9	354	118	160	31	38	8
Dug	318	211	–	1	106	48	33	7	13	5
Other	161	112	4	–	45	28	14	–	3	–
Telephone										
Telephone (in housing unit)	24 062	21 637	106	335	1 985	909	435	280	220	141
No telephone (in housing unit)	3 838	2 821	20	93	905	405	226	71	156	46
Cars and Trucks Available[1]										
No cars, trucks or vans	7 219	6 113	33	143	930	468	93	96	179	93
Other households without cars	565	428	2	5	129	36	51	22	11	10
1 car with or without trucks or vans	14 208	12 606	59	226	1 317	604	359	162	129	64
2 cars	5 018	4 517	24	50	426	162	127	67	52	17
3 or more cars	891	793	6	4	88	44	30	5	5	2
With cars, no trucks or vans	17 059	15 309	82	241	1 427	642	375	196	145	70
1 truck or van with or without cars	3 280	2 755	9	45	472	180	163	60	50	20
2 or more trucks or vans	343	280	2	–	61	24	31	–	2	4

[1]Figures may not add to total, because more than one category may apply to unit.

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 4-4. Fuels—Renter Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**27 901**	**24 457**	**125**	**428**	**2 890**	**1 314**	**662**	**352**	**376**	**187**
Main House Heating Fuel										
Housing units with heating fuel	27 616	24 232	121	428	2 835	1 270	658	352	371	185
Electricity	6 077	5 616	10	46	405	146	118	70	36	35
Piped gas	14 811	12 996	63	256	1 496	748	263	180	219	85
Bottled, tank, or LP gas	919	648	3	4	264	91	128	11	24	10
Fuel oil, kerosene, or other liquid fuel	5 084	4 452	41	106	484	192	114	83	55	40
Coal or coke	177	130	–	2	45	24	12	4	3	2
Wood	398	267	4	6	119	63	22	3	29	2
Other fuel	151	122	–	6	22	6	–	–	5	11
Cooking Fuel										
With cooking fuel	27 753	24 384	125	412	2 831	1 294	662	350	367	159
Electricity	11 773	10 695	48	120	908	400	215	166	71	57
Piped gas	14 513	12 714	68	274	1 457	724	246	160	251	76
Bottled, tank, or LP gas	1 297	836	8	17	436	148	200	24	43	22
Fuel oil, kerosene, or other liquid fuel	88	81	1	–	6	3	–	–	–	4
Coal or coke	18	18	–	–	–	–	–	–	–	–
Wood	52	32	–	–	20	16	2	–	2	–
Other fuel	11	8	–	–	4	4	–	–	–	–
Water Heating Fuel										
With hot piped water	27 901	24 457	125	428	2 890	1 314	662	352	376	187
Electricity	7 887	6 934	33	83	837	310	315	103	57	52
Piped gas	15 335	13 575	62	261	1 437	732	215	172	229	89
Bottled, tank, or LP gas	1 043	778	6	9	250	97	94	20	26	13
Fuel oil, kerosene, or other liquid fuel	3 185	2 893	24	69	199	83	11	48	36	21
Coal or coke	42	31	–	2	9	5	2	–	–	2
Wood	28	20	–	–	8	6	–	–	2	–
Other fuel	99	85	–	–	14	8	–	–	3	3
No fuel used	281	141	–	4	136	73	24	8	23	7

SECTION B. **1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS**

Table 4-5. **Household Composition—Renter Occupied Units**

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**27 901**	**24 457**	**125**	**428**	**2 890**	**1 314**	**662**	**352**	**376**	**187**
Persons										
1 person	9 937	8 727	38	194	978	418	189	164	126	81
2 persons	7 983	7 088	46	120	730	334	176	91	78	50
3 persons	4 376	3 873	18	45	439	188	153	21	51	27
4 persons	2 895	2 520	11	41	324	147	80	36	45	15
5 persons	1 462	1 219	8	13	221	116	32	21	44	8
6 persons	687	589	3	5	91	47	15	14	15	–
7 persons or more	560	442	–	10	108	65	17	5	16	5
Median	**2.0**	**2.0**	**2.0**	**1.7**	**2.1**	**2.2**	**2.3**	**1.6**	**2.3**	**1.7**
Age of Householder										
Under 25 years	4 807	4 115	17	90	586	259	185	53	50	38
25 to 29	5 106	4 524	25	73	483	198	105	63	82	35
30 to 34	3 619	3 211	17	42	350	142	88	57	46	17
35 to 44	3 883	3 415	20	51	397	184	97	49	41	27
45 to 54	2 812	2 421	9	39	342	169	65	48	51	9
55 to 64	2 756	2 412	14	44	286	136	54	24	52	20
65 to 74	2 838	2 495	17	54	272	153	48	21	33	18
75 years and over	2 080	1 864	7	35	174	74	20	36	22	22
Median	**36**	**36**	**37**	**37**	**36**	**38**	**32**	**36**	**37**	**36**
Household Composition by Age of Householder										
2-or-more person households	17 964	15 731	87	234	1 912	897	473	187	250	106
Married-couple families, no nonrelatives	10 381	9 169	35	134	1 043	474	309	94	121	46
Under 25 years	1 652	1 364	4	33	252	97	107	13	21	14
25 to 30 years	2 120	1 889	6	31	194	87	52	12	28	16
30 to 34 years	1 486	1 318	5	10	153	66	50	10	23	4
35 to 44 years	1 628	1 465	8	14	141	72	36	24	8	3
45 to 64 years	2 168	1 941	5	30	193	87	51	25	24	6
65 years and over	1 326	1 193	7	15	110	66	14	10	18	3
Other male householder	2 343	2 011	15	33	284	152	47	29	38	18
Under 45 years	1 874	1 650	11	28	185	103	36	22	11	13
45 to 64 years	357	278	2	5	71	36	9	7	18	2
65 years and over	113	83	2	–	28	14	2	–	9	2
Other female householder	5 240	4 550	37	68	585	271	117	65	91	42
Under 45 years	3 893	3 385	30	50	428	179	94	52	74	30
45 to 64 years	953	825	5	13	110	70	18	3	15	5
65 years and over	394	339	2	5	47	22	5	10	2	8
1-person households	9 937	8 727	38	194	978	418	189	164	126	81
Male householder	4 229	3 539	15	83	593	254	111	101	84	43
Under 45 years	2 731	2 339	6	54	332	128	66	68	43	28
45 to 64 years	882	712	7	14	149	72	17	20	27	12
65 years and over	616	489	2	14	112	54	28	14	14	2
Female householder	5 708	5 188	23	111	385	163	78	63	42	39
Under 45 years	2 031	1 856	9	35	130	52	36	22	12	8
45 to 64 years	1 209	1 077	4	22	105	40	24	17	19	5
65 years and over	2 468	2 254	10	54	150	71	19	23	12	26
Years of School Completed by Householder										
No school years completed	316	272	3	2	40	26	6	–	8	–
Elementary:										
less than 8 years	2 719	2 211	15	32	461	262	87	12	82	18
8 years	1 998	1 662	16	26	294	136	71	33	46	9
High school:										
1 to 3 years	4 664	3 945	13	90	616	306	133	73	73	31
4 years	8 751	7 735	37	149	829	321	223	110	117	57
College:										
1 to 3 years	5 059	4 597	23	56	384	171	87	56	35	35
4 years or more	4 395	4 036	19	73	266	92	54	68	15	37
Median	**12.5**	**12.5**	**12.4**	**12.4**	**12.0**	**11.3**	**12.2**	**12.5**	**11.3**	**12.6**

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 4-6. Financial Characteristics—Renter Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**27 901**	**24 457**	**125**	**428**	**2 890**	**1 314**	**662**	**352**	**376**	**187**
Household Income										
Less than $5,000	5 980	4 958	31	104	888	405	180	88	161	54
$5,000 to $9,999	6 291	5 384	27	120	760	376	174	92	70	48
$10,000 to $14,999	5 405	4 773	20	91	522	212	118	79	63	49
$15,000 to $19,999	4 027	3 637	22	36	331	156	84	39	36	16
$20,000 to $24,999	2 574	2 369	14	25	165	70	46	20	22	6
$25,000 to $29,999	1 440	1 332	5	21	82	40	22	9	11	–
$30,000 to $34,999	845	783	2	11	49	16	15	9	4	5
$35,000 to $39,999	460	422	1	4	33	5	9	6	7	7
$40,000 to $49,999	453	411	1	13	28	18	6	2	2	–
$50,000 to $59,999	217	199	2	2	12	7	3	2	–	–
$60,000 to $74,999	89	79	–	–	10	4	3	–	–	2
$75,000 or more	120	111	–	–	9	4	–	5	–	–
Median	**11 553**	**11 977**	**10 965**	**9 599**	**8 668**	**8 351**	**9 318**	**9 810**	**6 927**	**9 145**
Monthly Housing Costs[1]										
Less than $100	1 596	1 300	6	41	249	143	31	25	46	5
$100 to $199	6 356	5 365	28	151	812	451	35	120	140	66
$200 to $249	5 093	4 615	27	89	361	195	29	50	55	33
$250 to $299	4 518	4 201	11	41	266	163	26	36	33	7
$300 to $349	3 025	2 831	10	35	148	75	11	23	17	23
$350 to $399	1 789	1 671	7	18	93	46	11	13	13	10
$400 to $449	842	793	7	14	29	17	5	5	2	–
$450 to $499	721	676	9	11	25	2	–	12	–	11
$500 to $599	706	662	2	10	32	6	3	14	–	8
$600 to $699	291	275	2	6	7	5	–	2	–	–
$700 to $799	47	42	2	1	2	–	2	–	–	–
$800 or more	–	–	–	–	–	–	–	–	–	–
No cash rent	1 439	1 200	13	8	219	98	42	33	32	13
Median	**245**	**249**	**240**	**210**	**194**	**191**	**218**	**205**	**176**	**217**

[1]Excludes 1-unit structures on 10 acres or more.

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 5-1. Introductory Characteristics—In Central Cities—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**27 461**	**25 488**	**155**	**321**	**1 498**	**724**	**179**	**190**	**280**	**126**
Tenure										
Owner occupied	13 919	13 305	96	89	428	186	122	43	53	24
Percent of all occupied	50.7	52.2	62.3	27.7	28.6	25.7	68.5	22.4	19.0	18.9
Renter occupied	13 542	12 182	58	232	1 070	537	56	148	226	102
Race and Origin[1]										
White	20 444	19 217	95	240	892	400	160	143	88	101
Non-Hispanic	19 280	18 122	88	233	837	365	154	141	81	96
Hispanic	1 165	1 095	7	7	55	35	6	3	7	5
Black	5 424	4 798	46	69	510	266	19	39	172	14
Other	1 592	1 472	13	12	95	58	–	8	19	10
Total Hispanic	2 164	2 001	13	22	128	82	6	7	21	12
Units in Structure										
1, detached	12 860	12 328	59	52	420	270	21	51	69	9
1, attached	1 801	1 678	19	13	91	42	2	16	18	13
2 to 4	4 698	4 158	57	177	307	153	4	51	75	24
5 to 9	1 736	1 555	7	23	151	76	2	20	41	12
10 to 19	1 746	1 593	8	13	131	69	3	15	32	12
20 to 49	1 557	1 458	3	16	81	48	–	8	17	7
50 or more	2 739	2 557	2	27	153	52	–	26	26	49
Mobile home or trailer (with no permanent room attached)	326	160	–	–	165	14	147	3	2	–
Condominiums										
Number of condominiums	747	742	–	–	5	–	–	–	2	3
Year Structure Built										
1979 to March 1980	532	505	1	3	23	6	10	–	5	2
1975 to 1978	1 663	1 592	5	7	60	9	40	4	4	2
1970 to 1974	2 596	2 476	10	–	110	31	50	9	9	12
1960 to 1969	5 010	4 812	10	25	163	56	35	28	28	16
1950 to 1959	5 067	4 780	13	46	229	124	22	21	51	11
1940 to 1949	3 778	3 445	25	33	275	153	8	30	64	19
1939 or earlier	8 815	7 877	91	207	639	344	13	99	119	64
Median	**1952**	**1952**	**1940**	**1940**	**1944**	**1941**	**1971**	**1940**	**1943**	**1940**
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	27 461	25 488	155	321	1 498	724	179	190	280	126
In central cities	27 461	25 488	155	321	1 498	724	179	190	280	126
Suburbs	...	...	...	...	...	...	...	...	...	...
Outside metropolitan statistical areas	...	...	...	...	...	...	...	...	...	...
Regions										
Northeast	6 260	5 825	56	111	269	109	5	51	62	40
Midwest	6 654	6 096	35	95	428	230	32	37	109	20
South	8 532	7 891	29	85	527	239	93	64	98	33
West	6 015	5 676	34	30	275	145	49	38	11	32
Urbanized Areas										
Inside urbanized areas	27 117	25 159	152	321	1 485	720	174	187	278	126
In central cities of (P)MSA's	27 117	25 159	152	321	1 485	720	174	187	278	126
Urban fringe	...	...	...	...	...	...	...	...	...	...
Outside urbanized areas	344	329	2	–	13	4	4	3	1	–
Other urban	320	306	2	–	11	4	4	1	1	–
Rural	24	23	–	–	1	–	–	1	–	–
Place Size[2]										
Less than 2,500 persons	2	2	–	–	–	–	–	–	–	–
2,500 to 9,999 persons	–	–	–	–	–	–	–	–	–	–
10,000 to 19,999 persons	113	104	–	–	9	2	3	3	1	–
20,000 to 49,999 persons	2 476	2 310	18	13	135	66	24	21	12	11
50,000 to 99,999 persons	3 888	3 622	15	33	218	96	42	28	31	21
100,000 to 249,999 persons	5 563	5 210	26	38	288	152	53	26	37	20
250,000 to 499,999 persons	4 694	4 356	28	51	259	120	24	38	63	13
500,000 to 999,999 persons	4 101	3 815	34	69	182	76	25	28	44	9
1,000,000 persons or more	6 624	6 068	34	115	408	211	8	47	91	51

[1]Figures may not add to total, because more than one category may apply to unit.
[2]Figures will not add to total, because all units are not in Places.

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 5-2. Size—In Central Cities—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**27 461**	**25 488**	**155**	**321**	**1 498**	**724**	**179**	**190**	**280**	**126**
Stories in Structure										
1 to 3	24 394	22 652	151	277	1 314	661	179	151	245	78
4 to 6	1 667	1 533	1	17	116	50	–	20	26	21
7 or more	1 400	1 302	2	27	68	13	–	19	9	27
Rooms										
1 room	708	541	5	20	142	61	3	20	8	49
2 rooms	1 381	1 243	–	31	107	42	4	15	26	21
3 rooms	3 744	3 348	9	66	321	172	27	45	63	14
4 rooms	5 493	5 060	19	65	349	138	79	37	85	11
5 rooms	6 024	5 649	34	53	289	155	37	37	48	12
6 rooms	5 132	4 885	30	46	170	80	28	20	28	14
7 rooms	2 689	2 573	20	25	72	48	2	10	9	3
8 rooms	1 311	1 260	12	12	27	17	–	–	7	2
9 rooms or more	977	929	26	2	21	9	–	6	5	–
Median	**4.9**	**5.0**	**5.9**	**4.2**	**4.0**	**4.1**	**4.2**	**3.9**	**4.0**	**2.2**
Bedrooms										
None	937	754	5	24	155	63	3	23	11	54
1	5 852	5 249	15	119	469	247	22	71	101	28
2	8 987	8 348	34	100	506	213	106	60	103	23
3	8 831	8 443	53	59	276	158	40	25	40	13
4 or more	2 855	2 695	49	19	92	42	6	11	25	7
Median	**2.3**	**2.3**	**3.0**	**1.7**	**1.7**	**1.7**	**2.1**	**1.5**	**1.8**	**.8**
Complete Bathrooms										
None	649	516	7	16	111	59	2	11	21	19
1	17 911	16 417	79	224	1 191	584	128	155	233	91
1 and one-half	3 496	3 368	19	28	80	44	17	11	2	7
2 or more	5 405	5 187	50	53	115	37	32	13	24	9

SECTION B. **1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS**

Table 5-3. **Selected Equipment and Plumbing—In Central Cities—Occupied Units**

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**27 461**	**25 488**	**155**	**321**	**1 498**	**724**	**179**	**190**	**280**	**126**
Kitchen										
With complete kitchen facilities	26 943	25 089	155	308	1 391	679	179	179	266	90
Air Conditioning										
With air conditioning	15 640	14 826	53	146	615	231	126	100	102	55
Central	7 415	7 148	12	39	216	65	58	37	31	24
1 room unit	5 525	5 128	17	88	293	116	58	39	55	24
2 room units or more	2 701	2 551	25	20	106	49	10	24	16	7
None	11 821	10 661	101	175	883	493	52	90	178	70
Main Heating Equipment										
Warm-air furnace	12 662	12 001	65	116	481	214	117	40	81	29
Steam or hot water system	6 654	6 062	48	127	416	200	4	68	85	58
Electric heat pump	771	745	–	–	26	4	9	11	–	3
Built-in electric units	1 762	1 660	2	7	92	29	3	20	26	14
Floor, wall or pipeless furnace	1 924	1 819	11	4	90	47	7	11	22	3
Room heaters with flue	2 051	1 817	13	37	184	107	16	19	30	11
Room heaters without flue	917	758	8	22	130	65	16	17	30	2
Portable heaters, fireplaces, stoves	475	416	2	7	50	35	5	5	2	2
None	244	209	6	–	29	21	–	–	5	2
Plumbing										
Complete plumbing for exclusive use	27 015	25 148	150	308	1 408	676	179	179	263	111
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	278	223	3	13	40	24	–	5	4	7
Some, but not all plumbing facilities	114	87	1	–	26	14	–	2	10	–
No plumbing facilities	54	30	–	–	24	9	–	5	2	7
Source of Water										
Public system or private company	27 245	25 299	155	318	1 474	710	172	189	278	126
Well serving 1 to 5 units	212	187	–	3	22	14	5	1	2	–
Drilled	192	173	–	3	16	9	4	1	2	–
Dug	20	14	–	–	6	5	2	–	–	–
Other	4	2	–	–	2	–	2	–	–	–
Telephone										
Telephone (in housing unit)	25 375	23 836	143	264	1 132	536	145	153	193	105
No telephone (in housing unit)	2 086	1 652	12	57	366	188	33	37	86	21
Cars and Trucks Available[1]										
No cars, trucks or vans	6 194	5 444	34	118	599	299	14	65	154	67
Other households without cars	353	315	5	2	31	15	6	9	–	–
1 car with or without trucks or vans	12 566	11 724	71	151	621	299	112	82	91	37
2 cars	6 703	6 412	35	50	205	94	38	27	31	16
3 or more cars	1 644	1 592	10	–	43	16	9	7	5	5
With cars, no trucks or vans	17 253	16 272	87	187	708	336	117	100	109	46
1 truck or van with or without cars	3 698	3 477	32	13	176	84	45	21	14	12
2 or more trucks or vans	315	294	2	3	15	5	3	5	3	–

[1]Figures may not add to total, because more than one category may apply to unit.

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 5-4. Fuels—In Central Cities—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**27 461**	**25 488**	**155**	**321**	**1 498**	**724**	**179**	**190**	**280**	**126**
Main House Heating Fuel										
Housing units with heating fuel	27 217	25 278	148	321	1 469	702	179	190	274	124
Electricity	4 332	4 121	2	14	195	61	24	46	43	21
Piped gas	17 766	16 472	111	214	969	507	122	107	178	56
Bottled, tank, or LP gas	339	271	–	2	66	20	18	4	16	8
Fuel oil, kerosene, or other liquid fuel	4 492	4 167	34	80	211	99	15	33	32	31
Coal or coke	69	56	–	2	11	9	–	–	–	2
Wood	96	91	–	2	2	2	–	–	–	–
Other fuel	121	100	–	6	15	4	–	–	5	6
Cooking Fuel										
With cooking fuel	27 369	25 440	155	314	1 460	711	179	188	272	110
Electricity	11 025	10 613	38	41	333	144	37	72	42	38
Piped gas	15 872	14 443	110	267	1 052	542	114	115	221	60
Bottled, tank, or LP gas	384	302	6	7	70	22	27	1	9	9
Fuel oil, kerosene, or other liquid fuel	73	70	1	–	3	–	–	–	–	3
Coal or coke	2	2	–	–	–	–	–	–	–	–
Wood	3	3	–	–	–	–	–	–	–	–
Other fuel	10	8	–	–	2	2	–	–	–	–
Water Heating Fuel										
With hot piped water	27 461	25 488	155	321	1 498	724	179	190	280	126
Electricity	5 591	5 302	12	19	259	93	56	51	33	25
Piped gas	18 412	17 056	109	241	1 006	533	110	103	198	61
Bottled, tank, or LP gas	474	401	8	9	57	22	10	8	9	8
Fuel oil, kerosene, or other liquid fuel	2 794	2 585	23	50	136	59	2	23	29	22
Coal or coke	29	25	–	2	2	–	–	–	–	2
Wood	10	7	3	–	–	–	–	–	–	–
Other fuel	83	74	–	–	9	7	–	–	3	–
No fuel used	67	38	–	–	29	9	–	5	7	7

SECTION B. **1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS**

Table 5-5. **Household Composition—In Central Cities—Occupied Units**

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**27 461**	**25 488**	**155**	**321**	**1 498**	**724**	**179**	**190**	**280**	**126**
Persons										
1 person	7 801	7 035	25	142	598	264	68	97	101	68
2 persons	8 389	7 894	56	69	369	181	50	59	51	27
3 persons	4 624	4 360	28	48	188	109	24	7	43	5
4 persons	3 326	3 127	10	36	152	78	20	11	28	15
5 persons	1 849	1 723	12	12	102	48	10	4	31	9
6 persons	800	749	8	8	35	15	4	2	12	2
7 persons or more	673	599	15	6	53	29	2	9	14	–
Median	**2.2**	**2.2**	**2.4**	**1.8**	**1.9**	**2.0**	**1.9**	**1.5-**	**2.3**	**1.5-**
Age of Householder										
Under 25 years	2 635	2 385	9	32	208	114	32	15	35	13
25 to 29	3 435	3 147	16	53	219	96	21	36	47	19
30 to 34	3 146	2 945	8	35	158	78	19	28	27	6
35 to 44	4 288	3 995	34	48	212	102	21	20	42	27
45 to 54	3 944	3 718	22	30	173	77	20	25	47	5
55 to 64	4 211	3 940	29	40	202	78	34	27	39	24
65 to 74	3 556	3 279	20	45	212	135	22	24	22	10
75 years and over	2 246	2 077	17	37	114	45	10	15	21	23
Median	**46**	**46**	**50**	**43**	**43**	**42**	**43**	**43**	**42**	**44**
Household Composition by Age of Householder										
2-or-more person households	19 660	18 452	129	178	900	460	111	93	178	58
Married-couple families, no nonrelatives	13 458	12 837	72	102	446	212	80	50	74	30
Under 25 years	836	764	2	8	61	32	14	2	11	3
25 to 30 years	1 558	1 444	7	27	79	39	9	6	12	12
30 to 34 years	1 577	1 521	3	6	47	22	14	–	9	3
35 to 44 years	2 451	2 346	19	20	66	32	11	5	11	7
45 to 64 years	4 773	4 604	24	26	119	46	23	25	23	2
65 years and over	2 263	2 159	16	14	74	41	10	13	7	3
Other male householder	1 770	1 571	21	22	156	85	9	19	35	8
Under 45 years	1 194	1 071	12	18	93	63	5	12	9	4
45 to 64 years	403	347	7	4	44	18	2	7	16	2
65 years and over	173	153	2	–	18	4	2	–	9	2
Other female householder	4 432	4 043	36	54	298	163	22	24	70	20
Under 45 years	2 766	2 505	20	39	203	99	12	21	56	13
45 to 64 years	1 103	1 024	11	12	55	38	6	–	9	2
65 years and over	563	514	5	4	40	25	4	2	5	4
1-person households	7 801	7 035	25	142	598	264	68	97	101	68
Male householder	3 120	2 692	8	58	362	162	33	70	59	37
Under 45 years	1 802	1 588	–	31	183	71	18	41	31	20
45 to 64 years	709	600	3	12	95	42	7	13	18	15
65 years and over	609	504	5	15	85	49	8	15	11	2
Female householder	4 681	4 343	17	84	237	102	34	28	42	31
Under 45 years	1 321	1 234	3	19	65	32	9	11	10	2
45 to 64 years	1 166	1 083	5	16	62	11	16	8	20	8
65 years and over	2 194	2 026	9	49	110	60	9	9	12	21
Years of School Completed by Householder										
No school years completed	284	248	8	4	24	11	4	–	9	–
Elementary:										
less than 8 years	2 620	2 318	23	30	249	141	21	26	48	12
8 years	1 962	1 796	12	35	119	67	7	10	29	6
High school:										
1 to 3 years	4 468	4 106	15	53	294	158	29	24	66	17
4 years	8 058	7 493	42	90	434	194	82	44	79	35
College:										
1 to 3 years	4 873	4 596	26	45	207	87	26	37	28	30
4 years or more	5 196	4 931	28	65	172	66	10	49	21	26
Median	**12.5**	**12.6**	**12.4**	**12.4**	**12.1**	**11.8**	**12.3**	**12.8**	**11.5**	**12.8**

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 5-6. Financial Characteristics—In Central Cities—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**27 461**	**25 488**	**155**	**321**	**1 498**	**724**	**179**	**190**	**280**	**126**
Household Income										
Less than $5,000	4 400	3 831	24	78	468	224	45	54	103	41
$5,000 to $9,999	4 764	4 327	31	80	327	181	28	46	47	24
$10,000 to $14,999	4 388	4 095	19	48	226	93	31	27	43	32
$15,000 to $19,999	3 952	3 692	22	33	203	105	26	22	42	9
$20,000 to $24,999	3 176	3 029	15	28	104	55	15	12	20	2
$25,000 to $29,999	2 088	2 003	10	18	57	19	19	6	11	3
$30,000 to $34,999	1 533	1 460	10	16	47	18	8	9	5	7
$35,000 to $39,999	1 019	983	2	5	28	4	3	9	7	4
$40,000 to $49,999	1 112	1 069	10	9	24	20	–	2	2	–
$50,000 to $59,999	415	400	5	6	4	–	2	2	–	–
$60,000 to $74,999	260	251	5	–	4	2	–	–	–	2
$75,000 or more	353	347	3	–	4	2	2	–	–	–
Median	**15 225**	**15 664**	**15 830**	**10 313**	**9 304**	**8 797**	**12 648**	**9 483**	**8 879**	**9 411**
Monthly Housing Costs[1]										
Less than $100	894	767	2	22	102	52	2	11	32	5
$100 to $199	4 009	3 491	12	77	429	219	9	64	107	30
$200 to $249	3 508	3 255	16	44	194	113	–	18	43	20
$250 to $299	3 276	3 105	9	25	138	84	4	15	33	2
$300 to $349	2 381	2 261	5	22	93	49	–	13	19	12
$350 to $399	1 705	1 629	10	17	50	22	–	7	13	8
$400 to $449	1 077	1 043	7	5	21	15	2	2	2	–
$450 to $499	925	873	8	16	28	7	–	9	2	10
$500 to $599	1 132	1 102	2	6	22	2	–	6	2	11
$600 to $699	605	587	5	9	4	2	–	2	–	–
$700 to $799	293	289	2	1	–	–	–	–	–	–
$800 or more	429	422	2	–	5	2	–	–	2	–
No cash rent	287	254	8	1	24	13	–	4	–	6
Median	**276**	**281**	**312**	**227**	**203**	**205**	**...**	**198**	**190**	**235**
OWNER OCCUPIED UNITS										
Total	**13 919**	**13 305**	**96**	**89**	**428**	**186**	**122**	**43**	**53**	**24**
Value[2]										
Less than $10,000	360	324	6	–	30	18	5	2	4	–
$10,000 to $19,999	1 098	1 045	2	2	49	30	3	9	7	–
$20,000 to $29,999	1 744	1 686	5	5	49	27	–	4	17	–
$30,000 to $39,999	1 798	1 777	3	3	17	7	–	–	10	–
$40,000 to $49,999	1 730	1 689	9	9	22	9	4	7	–	2
$50,000 to $59,999	1 241	1 220	7	4	10	5	–	2	–	3
$60,000 to $69,999	986	969	5	3	9	4	–	2	–	3
$70,000 to $79,999	757	753	–	–	5	2	–	–	2	–
$80,000 to $99,999	825	806	9	–	9	7	–	–	2	–
$100,000 to $124,999	412	405	5	–	2	2	–	–	–	–
$125,000 to $149,999	266	261	–	–	5	5	–	–	–	–
$150,000 to $199,999	218	216	2	–	–	–	–	–	–	–
$200,000 or more	189	179	7	–	2	2	–	–	–	–
Median	**44 688**	**44 932**	**57 355**	**...**	**25 302**	**24 117**	**...**	**...**	**...**	**...**
Mortgages Currently on Property[3]										
None, owned free and clear	3 748	3 617	30	10	92	57	7	18	9	–
With mortgage or land contract	7 371	7 208	31	16	117	61	5	9	34	8
One mortgage or land contract	6 545	6 387	31	13	115	59	5	9	34	8
Two mortgages or more	826	821	–	3	2	2	–	–	–	–
Monthly Payment to Lender[3]										
Less than $100	809	776	5	–	29	14	2	2	7	3
$100 to $199	2 546	2 494	5	–	46	28	2	2	12	2
$200 to $249	885	856	9	6	14	9	–	–	5	–
$250 to $299	780	768	–	–	11	4	–	2	5	–
$300 to $349	581	574	2	–	5	–	–	–	2	3
$350 to $399	433	417	2	7	7	5	–	2	–	–
$400 to $449	379	373	2	4	–	–	–	–	–	–
$450 to $499	232	229	2	–	–	–	–	–	–	–
$500 to $599	311	309	2	–	–	–	–	–	–	–
$600 to $699	142	140	–	–	2	–	–	–	2	–
$700 to $799	109	107	–	–	2	2	–	–	–	–
$800 to $999	89	89	–	–	–	–	–	–	–	–
$1,000 to $1,249	42	42	–	–	–	–	–	–	–	–
$1,250 to $1,499	12	12	–	–	–	–	–	–	–	–
$1,500 or more	21	21	–	–	–	–	–	–	–	–
Median	**219**	**220**	**...**	**...**	**164**	**161**	**...**	**...**	**...**	**...**
Monthly Housing Costs[4]										
Less than $100	5	2	–	–	3	–	–	–	–	3
$100 to $199	441	425	–	–	17	9	2	–	5	–
$200 to $249	699	687	3	–	10	7	–	–	3	–
$250 to $299	935	914	2	–	18	9	2	–	7	–
$300 to $349	945	919	2	–	24	14	–	–	8	2
$350 to $399	892	873	5	3	12	5	–	5	2	–
$400 to $449	722	715	2	–	4	4	–	–	–	–
$450 to $499	579	562	5	6	7	5	–	–	2	–
$500 to $599	823	807	2	4	9	2	–	2	2	3
$600 to $699	481	473	5	3	–	–	–	–	–	–
$700 to $799	283	280	2	–	–	–	–	–	–	–
$800 or more	429	422	2	–	5	2	–	–	2	–
No cash rent	...	...	...	...	...	...	...	...	...	...
Median	**383**	**384**	**...**	**...**	**314**	**...**	**...**	**...**	**...**	**...**

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 5-6. Financial Characteristics—In Central Cities—Occupied Units—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
RENTER OCCUPIED UNITS										
Total	**13 542**	**12 182**	**58**	**232**	**1 070**	**537**	**56**	**148**	**226**	**102**
Monthly Housing Costs[5]										
Less than $100	889	765	2	22	99	52	2	11	32	2
$100 to $199	3 568	3 067	12	77	412	210	7	64	102	30
$200 to $249	2 809	2 568	13	44	184	106	–	18	40	20
$250 to $299	2 342	2 191	7	25	120	74	2	15	26	2
$300 to $349	1 436	1 342	2	22	70	35	–	13	12	10
$350 to $399	813	756	5	14	38	17	–	2	11	8
$400 to $449	355	328	5	5	17	11	2	2	2	–
$450 to $499	346	311	3	11	21	2	–	9	–	10
$500 to $599	309	295	–	2	12	–	–	4	–	8
$600 to $699	124	113	–	6	4	2	–	2	–	–
$700 to $799	10	9	–	1	–	–	–	–	–	–
$800 or more	–	–	–	–	–	–	–	–	–	–
No cash rent	287	254	8	1	24	13	–	4	–	6
Median	**236**	**240**	**...**	**218**	**194**	**197**	**...**	**192**	**179**	**233**

[1]Limited to owners in 1-unit structures on less than 10 acres, with a mortgage of less than $2000 and no business on property, and to renters, except those in 1-unit structures on 10 acres or more.

[2]Limited to owners in 1-unit structures on less than 10 acres, with no business on the property, and condominiums.

[3]Limited to owners in 1-unit structures on less than 10 acres, with no business on property.

[4]Limited to owners in 1-unit structures on less than 10 acres, with a mortgage of less than $2000, and no business on property.

[5]Excludes 1-unit structures on 10 acres or more.

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 6-1. Introductory Characteristics—Suburbs—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**34 937**	**32 369**	**189**	**203**	**2 176**	**692**	**1 098**	**200**	**111**	**75**
Tenure										
Owner occupied	25 262	23 726	140	73	1 324	306	837	98	50	32
Percent of all occupied	72.3	73.3	73.8	36.0	60.8	44.2	76.2	49.1	45.1	42.6
Renter occupied	9 675	8 643	50	130	853	386	261	102	61	43
Race and Origin[1]										
White	31 994	29 711	184	178	1 920	555	1 041	184	88	53
Non-Hispanic	31 141	28 923	175	178	1 865	520	1 028	184	81	53
Hispanic	853	788	10	–	55	35	13	–	7	–
Black	1 906	1 691	5	19	191	96	43	14	23	16
Other	1 038	967	–	7	65	42	15	3	–	5
Total Hispanic	1 355	1 241	10	7	97	68	20	–	7	3
Units in Structure										
1, detached	24 221	23 208	120	48	844	488	123	126	81	25
1, attached	1 342	1 308	2	–	31	8	5	15	1	3
2 to 4	2 782	2 501	64	94	123	71	9	27	6	9
5 to 9	1 284	1 220	–	9	55	33	10	9	3	–
10 to 19	1 363	1 295	–	17	51	28	3	3	2	14
20 to 49	897	852	3	7	36	10	–	8	5	13
50 or more	1 211	1 154	–	26	31	8	9	6	2	5
Mobile home or trailer (with no permanent room attached)	1 836	831	–	1	1 004	47	938	6	9	5
Condominiums										
Number of condominiums	1 059	1 048	–	6	4	3	–	–	1	–
Year Structure Built										
1979 to March 1980	1 129	1 033	2	12	82	10	65	2	2	4
1975 to 1978	3 983	3 682	8	11	282	36	232	8	2	3
1970 to 1974	5 180	4 737	10	5	427	66	337	15	8	2
1960 to 1969	8 233	7 753	21	30	430	99	280	12	19	20
1950 to 1959	6 986	6 591	55	27	312	124	112	35	15	26
1940 to 1949	3 353	3 111	24	27	190	110	32	28	17	4
1939 or earlier	6 072	5 461	70	91	451	249	40	99	46	16
Median	**1961**	**1961**	**1950**	**1942**	**1962**	**1948**	**1971**	**1940**	**1945**	**1956**
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	34 937	32 369	189	203	2 176	692	1 098	200	111	75
In central cities	...	...	...	...	...	...	...	...	...	...
Suburbs	34 937	32 369	189	203	2 176	692	1 098	200	111	75
Outside metropolitan statistical areas	...	...	...	...	...	...	...	...	...	...
Regions										
Northeast	9 117	8 685	78	92	261	79	102	49	16	15
Midwest	8 205	7 756	40	49	360	119	191	31	13	6
South	10 328	9 115	29	35	1 149	336	613	100	66	34
West	7 288	6 813	42	27	406	159	191	19	16	21
Urbanized Areas										
Inside urbanized areas	24 792	23 466	125	158	1 043	402	440	102	50	49
In central cities of (P)MSA's	...	...	...	...	...	...	...	...	...	...
Urban fringe	24 792	23 466	125	158	1 043	402	440	102	50	49
Outside urbanized areas	10 145	8 903	65	45	1 133	291	658	99	60	25
Other urban	2 776	2 514	20	29	212	72	78	37	14	11
Rural	7 369	6 388	44	15	921	219	580	61	46	15
Place Size[2]										
Less than 2,500 persons	1 563	1 414	11	4	135	47	65	11	10	2
2,500 to 9,999 persons	5 477	5 048	41	50	338	95	155	53	16	18
10,000 to 19,999 persons	5 274	4 978	34	38	224	108	70	20	18	8
20,000 to 49,999 persons	7 153	6 818	42	47	245	107	81	32	17	8
50,000 to 99,999 persons	3 696	3 555	10	19	112	49	35	16	6	6
100,000 to 249,999 persons	1 057	1 012	5	14	27	20	7	–	–	–
250,000 to 499,999 persons	2	2	–	–	–	–	–	–	–	–
500,000 to 999,999 persons	5	5	–	–	–	–	–	–	–	–
1,000,000 persons or more	–	–	–	–	–	–	–	–	–	–

[1]Figures may not add to total, because more than one category may apply to unit.
[2]Figures will not add to total, because all units are not in Places.

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 6-2. Size—Suburbs—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**34 937**	**32 369**	**189**	**203**	**2 176**	**692**	**1 098**	**200**	**111**	**75**
Stories in Structure										
1 to 3	34 162	31 626	189	183	2 164	690	1 098	194	106	75
4 to 6	458	439	–	6	13	3	–	6	4	–
7 or more	317	304	–	13	–	–	–	–	–	–
Rooms										
1 room	273	212	3	14	45	20	6	3	7	8
2 rooms	799	657	9	32	101	30	38	14	4	16
3 rooms	2 647	2 327	9	41	270	95	116	35	16	8
4 rooms	5 680	4 910	21	31	717	182	469	37	19	11
5 rooms	7 897	7 323	33	37	505	129	312	31	24	9
6 rooms	7 549	7 184	42	19	305	152	96	37	16	4
7 rooms	4 896	4 757	18	16	105	40	40	15	8	3
8 rooms	2 853	2 734	28	10	81	30	21	20	9	3
9 rooms or more	2 342	2 265	27	3	47	14	1	10	7	14
Median	**5.5**	**5.6**	**6.0**	**3.9**	**4.4**	**4.6**	**4.3**	**4.9**	**4.9**	**4.0**
Bedrooms										
None	374	301	4	16	53	23	6	3	7	14
1	3 883	3 436	20	84	344	135	121	53	20	15
2	10 231	9 086	50	50	1 045	285	647	61	34	17
3	14 568	13 886	55	42	585	186	302	54	32	11
4 or more	5 881	5 659	61	12	149	63	22	29	17	17
Median	**2.7**	**2.7**	**2.9**	**1.5**	**2.2**	**2.2**	**2.2**	**2.2**	**2.3**	**2.0**
Complete Bathrooms										
None	546	413	4	19	110	66	22	6	14	1
1	17 076	15 409	79	136	1 452	489	714	127	67	54
1 and one-half	6 107	5 842	23	14	228	50	144	22	12	–
2 or more	11 207	10 705	82	35	385	87	218	44	17	19

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 6-3. Selected Equipment and Plumbing—Suburbs—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**34 937**	**32 369**	**189**	**203**	**2 176**	**692**	**1 098**	**200**	**111**	**75**
Kitchen										
With complete kitchen facilities	34 522	32 057	186	190	2 089	647	1 085	194	100	63
Air Conditioning										
With air conditioning	21 018	19 665	87	106	1 160	269	722	95	38	36
Central	11 218	10 631	22	33	532	89	366	40	6	30
1 room unit	6 332	5 751	39	63	479	131	288	38	21	–
2 room units or more	3 469	3 283	26	11	149	49	68	16	11	6
None	13 919	12 704	102	97	1 016	423	376	105	73	38
Main Heating Equipment										
Warm-air furnace	19 148	17 848	85	73	1 141	231	767	88	30	24
Steam or hot water system	5 901	5 592	60	81	167	68	9	51	14	26
Electric heat pump	1 449	1 389	5	2	53	12	32	5	2	2
Built-in electric units	2 691	2 564	12	18	97	18	55	9	8	7
Floor, wall or pipeless furnace	1 849	1 708	10	10	121	66	46	5	2	1
Room heaters with flue	1 759	1 494	6	10	249	120	91	18	14	7
Room heaters without flue	776	626	2	–	148	77	40	15	11	5
Portable heaters, fireplaces, stoves	1 143	958	6	8	171	74	56	9	30	2
None	222	189	4	–	29	27	2	–	–	–
Plumbing										
Complete plumbing for exclusive use	34 546	32 074	187	187	2 098	643	1 083	197	101	75
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	166	140	2	15	9	2	3	4	–	–
Some, but not all plumbing facilities	122	103	–	–	19	13	4	–	2	–
No plumbing facilities	103	51	–	1	51	34	8	–	8	–
Source of Water										
Public system or private company	29 365	27 499	152	190	1 523	491	745	149	77	60
Well serving 1 to 5 units	5 337	4 672	31	13	621	192	337	51	30	11
Drilled	4 737	4 168	28	11	529	163	292	40	25	10
Dug	600	504	3	1	92	30	45	11	5	2
Other	236	197	6	–	32	9	16	–	4	3
Telephone										
Telephone (in housing unit)	33 435	31 234	186	174	1 840	588	943	178	74	56
No telephone (in housing unit)	1 503	1 134	3	29	336	104	155	22	36	19
Cars and Trucks Available[1]										
No cars, trucks or vans	2 503	2 160	13	48	282	125	95	16	23	22
Other households without cars	500	412	4	4	81	24	40	15	2	–
1 car with or without trucks or vans	15 286	13 978	81	99	1 128	318	634	100	47	28
2 cars	12 830	12 193	58	47	532	172	257	53	36	14
3 or more cars	3 818	3 625	33	5	154	53	72	16	2	11
With cars, no trucks or vans	23 653	22 175	134	120	1 224	365	650	128	49	32
1 truck or van with or without cars	7 872	7 203	37	29	603	179	314	54	39	16
2 or more trucks or vans	909	831	5	6	68	23	39	1	–	4

[1]Figures may not add to total, because more than one category may apply to unit.

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 6-4. Fuels—Suburbs—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**34 937**	**32 369**	**189**	**203**	**2 176**	**692**	**1 098**	**200**	**111**	**75**
Main House Heating Fuel										
Housing units with heating fuel	34 715	32 180	185	203	2 147	665	1 096	200	111	75
Electricity	6 650	6 224	26	27	374	86	237	29	10	12
Piped gas	19 071	17 996	89	102	883	316	389	83	53	41
Bottled, tank, or LP gas	1 353	979	3	1	369	91	254	11	7	7
Fuel oil, kerosene, or other liquid fuel	6 771	6 224	64	73	411	127	183	67	20	15
Coal or coke	166	144	2	–	19	3	4	4	9	–
Wood	673	584	2	–	87	41	29	7	12	–
Other fuel	32	29	–	–	3	2	2	–	–	–
Cooking Fuel										
With cooking fuel	34 899	32 348	189	195	2 167	686	1 098	200	111	71
Electricity	19 784	18 741	98	105	840	288	366	103	50	32
Piped gas	13 076	12 142	77	85	772	275	355	74	43	24
Bottled, tank, or LP gas	1 942	1 384	13	5	540	109	376	23	17	14
Fuel oil, kerosene, or other liquid fuel	48	42	–	–	6	5	1	–	–	–
Coal or coke	7	7	–	–	–	–	–	–	–	–
Wood	38	29	2	–	8	8	–	–	–	–
Other fuel	4	2	–	–	2	2	–	–	–	–
Water Heating Fuel										
With hot piped water	34 937	32 369	189	203	2 176	692	1 098	200	111	75
Electricity	11 420	10 278	58	60	1 024	247	658	62	36	21
Piped gas	18 924	17 986	92	93	754	308	270	92	47	37
Bottled, tank, or LP gas	1 314	1 059	5	3	246	62	153	13	12	7
Fuel oil, kerosene, or other liquid fuel	3 063	2 895	34	44	90	32	7	33	8	10
Coal or coke	31	28	–	–	3	3	–	–	–	–
Wood	43	38	–	2	4	4	–	–	–	–
Other fuel	28	25	–	–	3	2	2	–	–	–
No fuel used	113	59	–	1	53	36	8	–	8	–

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 6-5. Household Composition—Suburbs—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**34 937**	**32 369**	**189**	**203**	**2 176**	**692**	**1 098**	**200**	**111**	**75**
Persons										
1 person	6 499	5 801	39	71	588	170	301	60	35	22
2 persons	11 101	10 340	51	90	620	213	315	48	32	12
3 persons	6 333	5 878	28	12	414	116	242	28	11	17
4 persons	5 968	5 665	31	19	253	77	120	24	20	13
5 persons	3 102	2 905	18	–	179	72	69	26	6	7
6 persons	1 262	1 191	2	4	65	18	34	9	4	–
7 persons or more	672	588	20	7	56	26	17	5	3	4
Median	**2.5**	**2.5**	**2.7**	**1.8**	**2.3**	**2.3**	**2.3**	**2.3**	**2.1**	**2.7**
Age of Householder										
Under 25 years	2 229	1 893	10	36	289	69	178	17	12	13
25 to 29	3 703	3 373	8	16	306	82	162	23	28	10
30 to 34	4 281	4 019	12	20	230	72	121	23	9	5
35 to 44	6 657	6 271	41	18	328	109	159	39	8	12
45 to 54	5 898	5 543	41	23	292	104	128	31	17	12
55 to 64	5 875	5 490	40	33	312	110	146	27	16	13
65 to 74	3 997	3 691	19	25	261	67	141	32	12	10
75 years and over	2 297	2 089	18	31	159	79	63	8	9	–
Median	**46**	**46**	**51**	**50**	**43**	**46**	**41**	**44**	**42**	**43**
Household Composition by Age of Householder										
2-or-more person households	28 438	26 568	150	132	1 588	523	797	140	76	53
Married-couple families, no nonrelatives	23 207	21 882	93	109	1 122	331	627	91	51	22
Under 25 years	1 099	903	2	17	178	41	125	2	7	3
25 to 30 years	2 355	2 181	2	8	163	37	106	9	10	2
30 to 34 years	3 092	2 940	–	15	137	42	76	10	9	–
35 to 44 years	5 032	4 812	26	9	185	63	91	26	2	3
45 to 64 years	8 483	8 087	49	43	305	104	141	31	18	10
65 years and over	3 147	2 959	15	19	154	44	87	13	5	4
Other male householder	1 754	1 579	13	9	153	74	47	12	7	13
Under 45 years	1 149	1 029	9	4	107	54	35	11	–	6
45 to 64 years	443	408	–	2	33	12	9	1	5	7
65 years and over	162	142	4	3	14	8	3	–	2	–
Other female householder	3 477	3 107	44	13	312	118	123	36	17	18
Under 45 years	1 921	1 689	22	4	206	57	94	25	14	15
45 to 64 years	1 048	959	14	5	70	38	22	5	2	2
65 years and over	509	459	9	5	36	22	7	6	2	–
1-person households	6 499	5 801	39	71	588	170	301	60	35	22
Male householder	2 525	2 172	22	33	298	83	141	34	30	10
Under 45 years	1 356	1 197	6	25	128	27	65	15	16	5
45 to 64 years	651	543	9	3	97	36	38	12	7	3
65 years and over	518	432	7	5	73	19	38	7	7	2
Female householder	3 974	3 629	17	38	290	87	160	26	6	11
Under 45 years	867	805	5	9	49	11	27	5	–	6
45 to 64 years	1 147	1 036	10	3	98	24	64	7	1	3
65 years and over	1 959	1 788	3	25	143	52	69	14	5	3
Years of School Completed by Householder										
No school years completed	187	168	–	–	19	13	5	2	–	–
Elementary:										
less than 8 years	2 581	2 252	12	14	303	126	125	16	22	14
8 years	2 431	2 161	23	11	236	77	120	22	11	6
High school:										
1 to 3 years	4 833	4 319	22	61	431	128	242	23	25	12
4 years	11 545	10 656	90	57	742	194	413	75	31	29
College:										
1 to 3 years	6 098	5 766	17	24	292	113	130	36	11	2
4 years or more	7 262	7 047	27	36	152	40	64	26	10	12
Median	**12.6**	**12.7**	**12.4**	**12.3**	**12.1**	**12.0**	**12.1**	**12.5**	**11.5**	**12.2**

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 6-6. Financial Characteristics—Suburbs—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**34 937**	**32 369**	**189**	**203**	**2 176**	**692**	**1 098**	**200**	**111**	**75**
Household Income										
Less than $5,000	3 198	2 695	16	40	447	148	202	31	41	25
$5,000 to $9,999	4 573	4 018	32	43	480	143	254	49	23	11
$10,000 to $14,999	4 589	4 132	22	34	401	135	193	41	14	17
$15,000 to $19,999	4 900	4 504	21	14	361	105	217	25	10	4
$20,000 to $24,999	4 703	4 456	28	13	206	59	117	17	7	6
$25,000 to $29,999	3 808	3 664	13	14	117	34	52	16	13	3
$30,000 to $34,999	2 906	2 828	6	13	60	24	29	7	–	–
$35,000 to $39,999	1 946	1 872	27	7	41	13	15	7	2	4
$40,000 to $49,999	2 172	2 114	12	14	33	22	6	–	–	5
$50,000 to $59,999	927	900	10	5	12	6	4	2	–	–
$60,000 to $74,999	584	577	–	–	7	–	5	2	–	–
$75,000 or more	631	609	2	6	13	3	6	3	–	–
Median	**20 222**	**20 938**	**20 628**	**12 723**	**12 010**	**12 021**	**12 419**	**12 485**	**8 194**	**10 244**
Monthly Housing Costs[1]										
Less than $100	323	274	–	9	40	25	3	8	4	–
$100 to $199	1 927	1 696	10	50	172	106	16	23	17	9
$200 to $249	2 427	2 254	11	28	134	69	20	18	14	13
$250 to $299	2 997	2 869	11	7	110	73	12	16	4	5
$300 to $349	2 620	2 523	15	13	70	39	6	8	8	8
$350 to $399	2 271	2 208	6	4	54	33	8	8	2	2
$400 to $449	1 836	1 801	3	9	23	9	3	8	3	–
$450 to $499	1 608	1 577	14	3	14	4	–	4	4	2
$500 to $599	2 414	2 344	9	11	49	18	12	12	2	5
$600 to $699	1 581	1 559	14	–	8	3	2	3	–	–
$700 to $799	866	848	2	3	13	5	5	–	–	3
$800 or more	1 471	1 443	7	11	9	7	–	2	–	–
No cash rent	518	446	3	2	67	33	15	8	9	2
Median	**369**	**374**	**388**	**227**	**251**	**247**	**273**	**268**	**...**	**...**
OWNER OCCUPIED UNITS										
Total	**25 262**	**23 726**	**140**	**73**	**1 324**	**306**	**837**	**98**	**50**	**32**
Value[2]										
Less than $10,000	291	255	–	3	33	21	7	5	–	–
$10,000 to $19,999	856	798	2	–	57	36	3	6	12	–
$20,000 to $29,999	1 701	1 651	7	6	37	27	6	3	2	–
$30,000 to $39,999	2 636	2 583	12	3	38	24	8	3	4	–
$40,000 to $49,999	3 106	3 038	11	3	55	34	2	15	4	–
$50,000 to $59,999	2 839	2 772	12	6	51	22	9	15	–	4
$60,000 to $69,999	2 527	2 494	15	6	11	–	4	4	3	–
$70,000 to $79,999	1 974	1 935	6	4	28	14	9	4	–	2
$80,000 to $99,999	2 170	2 145	5	–	21	7	4	5	2	3
$100,000 to $124,999	1 139	1 111	6	9	13	5	2	–	3	3
$125,000 to $149,999	648	638	5	–	5	2	–	4	–	–
$150,000 to $199,999	597	585	4	3	5	3	–	–	–	2
$200,000 or more	360	350	5	–	5	3	–	–	–	3
Median	**56 448**	**56 684**	**60 630**	**...**	**42 568**	**35 968**	**...**	**49 581**	**...**	**...**
Mortgages Currently on Property[3]										
None, owned free and clear	6 130	5 908	32	13	177	101	24	33	9	9
With mortgage or land contract	13 898	13 636	58	22	182	96	29	30	19	7
One mortgage or land contract	12 432	12 207	55	20	151	81	27	25	13	4
Two mortgages or more	1 466	1 430	2	3	31	15	2	5	6	3
Monthly Payment to Lender[3]										
Less than $100	991	956	3	–	32	19	5	4	4	–
$100 to $199	3 584	3 512	10	2	60	34	10	10	7	–
$200 to $249	1 737	1 707	18	–	12	10	–	3	–	–
$250 to $299	1 591	1 562	8	–	21	10	4	2	3	2
$300 to $349	1 390	1 380	–	–	10	–	–	4	4	3
$350 to $399	1 115	1 104	2	–	8	2	3	3	–	–
$400 to $449	897	873	2	9	12	6	–	2	–	3
$450 to $499	615	590	9	–	16	10	4	–	2	–
$500 to $599	832	819	2	3	8	4	4	–	–	–
$600 to $699	494	489	2	3	–	–	–	–	–	–
$700 to $799	230	222	–	6	2	–	–	2	–	–
$800 to $999	255	255	–	–	–	–	–	–	–	–
$1,000 to $1,249	107	107	–	–	–	–	–	–	–	–
$1,250 to $1,499	26	26	–	–	–	–	–	–	–	–
$1,500 or more	33	33	–	–	–	–	–	–	–	–
Median	**270**	**271**	**...**	**...**	**199**	**186**	**...**	**...**	**...**	**...**
Monthly Housing Costs[4]										
Less than $100	8	8	–	–	–	–	–	–	–	–
$100 to $199	519	497	2	–	21	18	–	4	–	–
$200 to $249	879	846	2	–	31	21	4	2	4	–
$250 to $299	1 275	1 251	7	–	17	6	5	6	–	–
$300 to $349	1 290	1 268	7	–	14	6	–	2	5	–
$350 to $399	1 414	1 400	4	–	11	9	2	–	–	–
$400 to $449	1 403	1 386	2	2	14	5	–	5	3	–
$450 to $499	1 261	1 237	9	3	12	4	–	4	4	–
$500 to $599	2 036	1 996	7	3	30	12	9	2	2	5
$600 to $699	1 419	1 402	12	–	5	–	2	3	–	–
$700 to $799	831	817	–	3	11	5	4	–	–	3
$800 or more	1 471	1 443	7	11	9	7	–	2	–	–
No cash rent	...	...	...	...	...	...	...	...	...	...
Median	**455**	**455**	**...**	**...**	**370**	**318**	**...**	**...**	**...**	**...**

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 6-6. Financial Characteristics—Suburbs—Occupied Units—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
RENTER OCCUPIED UNITS										
Total	**9 675**	**8 643**	**50**	**130**	**853**	**386**	**261**	**102**	**61**	**43**
Monthly Housing Costs[5]										
Less than $100	315	266	–	9	40	25	3	8	4	–
$100 to $199	1 408	1 199	8	50	151	89	16	20	17	9
$200 to $249	1 549	1 408	9	28	103	48	15	17	10	13
$250 to $299	1 722	1 617	4	7	93	67	7	10	4	5
$300 to $349	1 331	1 255	8	13	56	33	6	6	3	8
$350 to $399	857	808	2	4	43	24	6	8	2	2
$400 to $449	433	415	2	7	9	4	3	3	–	–
$450 to $499	347	340	5	–	2	–	–	–	–	2
$500 to $599	378	348	2	8	19	6	3	10	–	–
$600 to $699	162	156	2	–	3	3	–	–	–	–
$700 to $799	34	30	2	–	2	–	2	–	–	–
$800 or more	–	–	–	–	–	–	–	–	–	–
No cash rent	518	446	3	2	67	33	15	8	9	2
Median	**279**	**282**	**...**	**208**	**234**	**237**	**239**	**238**	**...**	**...**

[1]Limited to owners in 1-unit structures on less than 10 acres, with a mortgage of less than $2000 and no business on property, and to renters, except those in 1-unit structures on 10 acres or more.
[2]Limited to owners in 1-unit structures on less than 10 acres, with no business on the property, and condominiums.
[3]Limited to owners in 1-unit structures on less than 10 acres, with no business on property.
[4]Limited to owners in 1-unit structures on less than 10 acres, with a mortgage of less than $2000, and no business on property.
[5]Excludes 1-unit structures on 10 acres or more.

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 7-1. Introductory Characteristics—Outside Metropolitan Statistical Areas—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**18 507**	**16 003**	**68**	**100**	**2 336**	**755**	**1 189**	**168**	**150**	**75**
Tenure										
Owner occupied	13 824	12 371	51	33	1 369	364	845	65	62	33
Percent of all occupied	74.7	77.3	74.6	33.5	58.6	48.3	71.0	39.0	41.0	43.7
Renter occupied	4 683	3 632	17	66	968	390	344	102	89	42
Race and Origin[1]										
White	16 857	14 708	68	93	1 988	588	1 078	159	91	71
Non-Hispanic	16 624	14 522	68	93	1 941	565	1 062	159	89	65
Hispanic	233	186	–	–	47	23	17	–	2	6
Black	1 327	1 053	–	7	267	143	66	7	48	4
Other	324	243	–	–	81	24	44	2	11	–
Total Hispanic	379	289	–	–	89	29	38	2	15	6
Units in Structure										
1, detached	14 097	13 057	33	6	1 001	533	209	92	127	41
1, attached	315	290	2	3	19	8	2	7	2	–
2 to 4	1 317	1 055	26	80	156	80	30	33	7	5
5 to 9	389	318	7	10	53	42	–	8	–	3
10 to 19	365	317	–	–	48	16	8	8	2	14
20 to 49	209	184	–	–	26	6	2	9	6	3
50 or more	166	153	–	–	13	–	4	3	–	5
Mobile home or trailer (with no permanent room attached)	1 649	629	–	–	1 021	69	933	8	7	4
Condominiums										
Number of condominiums	81	77	2	–	2	–	2	–	–	–
Year Structure Built										
1979 to March 1980	608	478	–	–	129	23	93	2	8	4
1975 to 1978	2 099	1 773	1	5	320	59	248	8	4	–
1970 to 1974	2 354	1 931	–	2	421	46	353	14	4	4
1960 to 1969	2 958	2 578	5	6	368	71	241	23	23	11
1950 to 1959	2 612	2 369	2	13	228	85	83	36	10	15
1940 to 1949	1 978	1 739	6	23	210	99	57	13	29	12
1939 or earlier	5 899	5 134	54	52	660	372	115	72	72	29
Median	**1954**	**1954**	**1940**	**1940**	**1960**	**1940**	**1971**	**1948**	**1940**	**1945**
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	...	...	...	...	...	...	...	...	...	...
In central cities	...	...	...	...	...	...	...	...	...	...
Suburbs	...	...	...	...	...	...	...	...	...	...
Outside metropolitan statistical areas	18 507	16 003	68	100	2 336	755	1 189	168	150	75
Regions										
Northeast	2 067	1 836	23	18	189	76	77	22	4	11
Midwest	6 201	5 619	26	43	513	185	229	50	34	15
South	7 701	6 421	17	20	1 244	422	619	68	101	35
West	2 538	2 127	3	18	390	73	264	28	11	14
Urbanized Areas										
Inside urbanized areas	...	...	...	...	...	...	...	...	...	...
In central cities of (P)MSA's	...	...	...	...	...	...	...	...	...	...
Urban fringe	580	502	2	15	61	29	25	3	3	–
Outside urbanized areas	17 927	15 501	66	84	2 276	726	1 164	164	147	75
Other urban	7 641	6 823	42	56	720	277	283	82	26	53
Rural	10 286	8 678	24	28	1 555	449	881	83	121	22
Place Size[2]										
Less than 2,500 persons	2 752	2 429	15	16	292	100	138	30	19	5
2,500 to 9,999 persons	3 361	2 957	27	26	351	115	164	37	12	22
10,000 to 19,999 persons	2 753	2 506	–	22	226	91	68	30	10	27
20,000 to 49,999 persons	2 021	1 789	18	24	191	100	70	15	3	3
50,000 to 99,999 persons	–	–	–	–	–	–	–	–	–	–
100,000 to 249,999 persons	–	–	–	–	–	–	–	–	–	–
250,000 to 499,999 persons	–	–	–	–	–	–	–	–	–	–
500,000 to 999,999 persons	–	–	–	–	–	–	–	–	–	–
1,000,000 persons or more	–	–	–	–	–	–	–	–	–	–

[1]Figures may not add to total, because more than one category may apply to unit.
[2]Figures will not add to total, because all units are not in Places.

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 7-2. Size—Outside Metropolitan Statistical Areas—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**18 507**	**16 003**	**68**	**100**	**2 336**	**755**	**1 189**	**168**	**150**	**75**
Stories in Structure										
1 to 3	18 435	15 941	68	97	2 328	755	1 189	168	150	67
4 to 6	42	39	–	3	–	–	–	–	–	–
7 or more	31	23	–	–	8	–	–	–	–	8
Rooms										
1 room	118	62	3	4	49	18	16	10	–	5
2 rooms	328	233	2	5	89	25	35	15	14	–
3 rooms	1 143	842	8	23	270	87	122	27	19	14
4 rooms	3 596	2 756	7	37	795	227	476	39	47	7
5 rooms	4 883	4 238	12	20	613	180	356	24	27	26
6 rooms	4 090	3 770	8	9	303	132	113	29	20	9
7 rooms	2 297	2 163	17	2	115	47	43	12	13	–
8 rooms	1 110	1 050	1	–	59	22	20	–	5	12
9 rooms or more	942	888	9	–	44	17	9	11	5	2
Median	**5.3**	**5.5**	**5.7**	**4.0**	**4.5**	**4.6**	**4.4**	**4.3**	**4.4**	**4.9**
Bedrooms										
None	147	84	3	4	56	20	16	13	2	5
1	1 662	1 299	15	32	317	112	120	40	32	12
2	6 192	4 979	18	50	1 145	326	677	62	57	23
3	7 970	7 258	14	12	686	256	329	33	40	28
4 or more	2 536	2 384	18	2	132	42	47	18	20	6
Median	**2.7**	**2.7**	**2.4**	**1.8**	**2.2**	**2.3**	**2.2**	**2.0**	**2.2**	**2.3**
Complete Bathrooms										
None	839	541	12	10	275	138	72	10	49	5
1	11 427	9 723	36	81	1 587	527	798	123	89	50
1 and one-half	2 626	2 414	11	8	193	40	132	12	8	1
2 or more	3 616	3 324	10	1	281	49	187	22	4	18

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 7-3. Selected Equipment and Plumbing—Outside Metropolitan Statistical Areas—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**18 507**	**16 003**	**68**	**100**	**2 336**	**755**	**1 189**	**168**	**150**	**75**
Kitchen										
With complete kitchen facilities	18 023	15 684	65	95	2 178	691	1 145	160	121	62
Air Conditioning										
With air conditioning	9 083	8 045	39	27	972	250	571	73	42	36
Central	3 851	3 527	3	5	317	50	237	18	6	6
1 room unit	3 894	3 339	26	19	510	165	268	38	24	16
2 room units or more	1 337	1 179	10	3	145	35	66	18	13	13
None	9 425	7 958	29	73	1 364	505	618	95	108	39
Main Heating Equipment										
Warm-air furnace	8 629	7 494	21	43	1 071	215	744	51	31	30
Steam or hot water system	1 579	1 456	23	17	84	34	21	14	–	15
Electric heat pump	605	566	–	3	36	8	23	–	2	3
Built-in electric units	1 788	1 630	3	7	148	53	67	22	2	4
Floor, wall or pipeless furnace	1 181	1 040	3	5	132	47	49	18	15	3
Room heaters with flue	1 947	1 587	6	10	344	148	125	31	24	15
Room heaters without flue	986	763	2	9	212	98	62	15	35	2
Portable heaters, fireplaces, stoves	1 776	1 454	9	6	308	152	96	16	42	2
None	15	13	–	–	2	–	2	–	–	–
Plumbing										
Complete plumbing for exclusive use	17 829	15 580	67	89	2 094	632	1 131	157	103	70
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	82	62	–	6	14	3	6	3	2	–
Some, but not all plumbing facilities	337	201	2	4	130	77	24	2	24	3
No plumbing facilities	259	161	–	–	99	43	28	6	21	2
Source of Water										
Public system or private company	12 826	11 269	58	90	1 410	483	667	131	73	57
Well serving 1 to 5 units	5 142	4 317	8	8	809	227	456	36	72	18
Drilled	4 309	3 659	2	8	639	158	380	32	55	15
Dug	834	658	6	–	170	69	76	4	18	3
Other	539	417	3	2	117	45	66	–	6	–
Telephone										
Telephone (in housing unit)	16 823	14 941	61	84	1 738	552	907	138	79	62
No telephone (in housing unit)	1 684	1 062	7	16	599	203	282	29	71	13
Cars and Trucks Available[1]										
No cars, trucks or vans	1 815	1 416	17	15	367	164	114	29	43	16
Other households without cars	563	439	3	3	119	28	64	7	11	10
1 car with or without trucks or vans	9 584	8 240	30	61	1 253	362	686	98	65	41
2 cars	5 164	4 647	13	18	486	156	269	26	26	8
3 or more cars	1 382	1 262	4	3	113	44	56	7	5	–
With cars, no trucks or vans	9 490	8 266	31	65	1 128	360	577	95	63	33
1 truck or van with or without cars	6 282	5 503	18	20	741	201	444	35	42	19
2 or more trucks or vans	921	818	2	–	101	30	54	8	2	7

[1]Figures may not add to total, because more than one category may apply to unit.

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 7-4. Fuels—Outside Metropolitan Statistical Areas—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**18 507**	**16 003**	**68**	**100**	**2 336**	**755**	**1 189**	**168**	**150**	**75**
Main House Heating Fuel										
Housing units with heating fuel	18 492	15 990	68	100	2 335	755	1 187	168	150	75
Electricity	3 307	2 903	6	10	388	97	238	33	9	10
Piped gas	8 145	7 168	35	64	878	309	382	90	67	30
Bottled, tank, or LP gas	1 955	1 488	–	3	465	114	303	17	21	11
Fuel oil, kerosene, or other liquid fuel	3 516	3 113	21	18	364	126	186	19	18	16
Coal or coke	230	194	–	–	36	21	14	2	–	–
Wood	1 319	1 109	7	4	198	89	64	7	36	2
Other fuel	20	15	–	–	5	–	–	–	–	5
Cooking Fuel										
With cooking fuel	18 480	15 991	68	97	2 324	755	1 189	168	148	64
Electricity	11 064	10 103	35	44	883	296	427	85	45	30
Piped gas	4 803	4 007	26	43	727	243	354	57	54	19
Bottled, tank, or LP gas	2 429	1 741	8	7	673	192	403	26	39	14
Fuel oil, kerosene, or other liquid fuel	27	24	–	3	1	–	–	–	–	1
Coal or coke	28	28	–	–	–	–	–	–	–	–
Wood	116	81	–	–	35	20	5	–	9	–
Other fuel	13	9	–	–	5	2	–	–	2	–
Water Heating Fuel										
With hot piped water	18 507	16 003	68	100	2 336	755	1 189	168	150	75
Electricity	8 561	7 422	23	26	1 090	305	641	64	47	33
Piped gas	7 196	6 425	34	57	680	243	294	71	47	24
Bottled, tank, or LP gas	1 540	1 178	2	2	359	103	206	18	24	8
Fuel oil, kerosene, or other liquid fuel	734	667	10	12	45	23	9	9	–	5
Coal or coke	57	49	–	–	8	6	2	–	–	–
Wood	69	50	–	–	19	11	2	–	7	–
Other fuel	16	13	–	–	3	–	–	–	–	3
No fuel used	335	199	–	3	133	65	36	6	25	2

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 7-5. Household Composition—Outside Metropolitan Statistical Areas—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**18 507**	**16 003**	**68**	**100**	**2 336**	**755**	**1 189**	**168**	**150**	**75**
Persons										
1 person	3 837	3 145	23	42	628	192	306	70	38	21
2 persons	5 986	5 259	13	34	679	226	335	47	42	29
3 persons	3 229	2 822	15	8	385	101	242	14	16	12
4 persons	2 910	2 614	8	8	280	88	157	21	10	4
5 persons	1 488	1 274	–	7	208	73	98	13	21	3
6 persons	608	522	5	–	82	33	29	3	16	–
7 persons or more	449	368	4	2	75	41	22	–	7	6
Median	**2.4**	**2.4**	**2.3**	**1.7**	**2.3**	**2.3**	**2.4**	**1.8**	**2.4**	**2.1**
Age of Householder										
Under 25 years	1 343	954	2	21	365	109	214	25	5	12
25 to 29	1 983	1 618	9	23	333	94	185	14	31	9
30 to 34	1 877	1 581	8	5	283	76	151	24	20	12
35 to 44	2 946	2 618	5	8	316	103	174	24	13	3
45 to 54	2 740	2 432	3	9	296	107	146	18	19	6
55 to 64	2 950	2 676	18	8	248	78	136	17	14	3
65 to 74	2 783	2 506	5	7	264	103	109	7	26	20
75 years and over	1 885	1 617	18	19	231	86	73	38	24	11
Median	**49**	**50**	**59**	**37**	**41**	**45**	**38**	**44**	**49**	**47**
Household Composition by Age of Householder										
2-or-more person households	14 670	12 858	45	58	1 709	563	882	98	112	54
Married-couple families, no nonrelatives	12 171	10 806	38	36	1 291	399	714	72	72	35
Under 25 years	729	511	2	8	208	49	136	9	5	9
25 to 30 years	1 415	1 174	5	12	225	65	135	3	16	5
30 to 34 years	1 378	1 192	8	2	177	45	100	15	13	4
35 to 44 years	2 306	2 098	5	3	200	70	107	12	10	–
45 to 64 years	4 141	3 832	13	6	290	90	165	21	6	9
65 years and over	2 202	2 000	4	6	192	79	71	12	22	9
Other male householder	791	632	2	12	145	56	56	8	16	10
Under 45 years	488	395	–	9	85	28	40	2	4	10
45 to 64 years	195	153	–	–	42	19	10	6	7	–
65 years and over	107	84	2	3	19	9	5	–	5	–
Other female householder	1 708	1 420	5	10	272	108	113	18	25	8
Under 45 years	905	731	–	10	164	65	71	16	9	3
45 to 64 years	452	379	3	–	71	29	34	–	8	–
65 years and over	350	310	3	–	37	14	9	2	7	5
1-person households	3 837	3 145	23	42	628	192	306	70	38	21
Male householder	1 242	920	2	13	307	99	155	28	22	4
Under 45 years	586	414	–	6	166	46	90	20	6	4
45 to 64 years	298	235	–	4	59	25	25	2	8	–
65 years and over	358	271	2	3	81	27	40	6	8	–
Female householder	2 595	2 225	21	29	321	93	152	42	16	17
Under 45 years	342	258	4	7	73	13	46	10	3	–
45 to 64 years	603	509	5	7	81	21	49	6	5	–
65 years and over	1 650	1 457	12	14	166	59	57	26	8	17
Years of School Completed by Householder										
No school years completed	162	131	–	3	29	7	14	–	8	–
Elementary:										
less than 8 years	2 215	1 802	12	9	392	161	149	18	52	11
8 years	2 276	1 977	10	7	282	107	136	22	17	–
High school:										
1 to 3 years	2 947	2 462	14	12	459	162	219	47	16	16
4 years	6 117	5 329	16	35	738	199	429	49	43	17
College:										
1 to 3 years	2 428	2 120	9	13	285	86	165	13	9	13
4 years or more	2 362	2 182	7	22	151	33	76	19	5	19
Median	**12.3**	**12.3**	**11.8**	**12.6**	**12.0**	**10.6**	**12.2**	**11.7**	**8.9**	**12.6**

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 7-6. Financial Characteristics—Outside Metropolitan Statistical Areas—Occupied Units

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	**18 507**	**16 003**	**68**	**100**	**2 336**	**755**	**1 189**	**168**	**150**	**75**
Household Income										
Less than $5,000	3 030	2 418	13	18	580	218	235	54	59	14
$5,000 to $9,999	3 601	2 944	9	30	618	242	275	47	23	31
$10,000 to $14,999	3 081	2 609	24	31	418	104	249	27	34	4
$15,000 to $19,999	2 736	2 436	12	11	277	71	176	12	12	6
$20,000 to $24,999	2 273	2 056	8	3	206	60	110	14	14	8
$25,000 to $29,999	1 475	1 380	3	3	89	20	65	4	–	–
$30,000 to $34,999	887	817	–	–	70	14	40	5	7	5
$35,000 to $39,999	503	469	–	3	31	9	16	–	2	4
$40,000 to $49,999	447	428	–	–	19	4	12	–	–	3
$50,000 to $59,999	203	192	–	–	11	6	1	4	–	–
$60,000 to $74,999	131	122	–	–	9	6	3	–	–	–
$75,000 or more	141	133	–	–	8	2	4	2	–	–
Median	**14 256**	**15 062**	**12 613**	**10 206**	**9 755**	**8 300**	**11 683**	**8 173**	**8 516**	**8 736**
Monthly Housing Costs[1]										
Less than $100	397	273	4	10	110	66	26	6	9	3
$100 to $199	1 948	1 633	11	24	281	170	17	38	29	27
$200 to $249	1 409	1 277	7	17	108	60	15	26	7	–
$250 to $299	1 257	1 174	2	8	72	41	17	11	3	–
$300 to $349	947	901	5	–	41	18	6	4	8	5
$350 to $399	726	693	2	–	31	11	12	6	–	2
$400 to $449	495	481	–	3	12	5	7	–	–	–
$450 to $499	374	362	1	–	10	3	–	3	–	4
$500 to $599	404	391	–	–	13	4	2	2	4	–
$600 to $699	217	214	–	–	2	–	2	–	–	–
$700 to $799	97	94	1	–	2	2	–	–	–	–
$800 or more	107	107	–	–	–	–	–	–	–	–
No cash rent	634	499	1	4	129	53	28	21	23	5
Median	**267**	**276**	**...**	**188**	**182**	**173**	**232**	**207**	**173**	**...**
OWNER OCCUPIED UNITS										
Total	**13 824**	**12 371**	**51**	**33**	**1 369**	**364**	**845**	**65**	**62**	**33**
Value[2]										
Less than $10,000	650	576	–	–	74	42	6	2	16	8
$10,000 to $19,999	1 453	1 362	–	–	90	51	24	8	7	–
$20,000 to $29,999	1 782	1 667	16	–	99	55	22	11	8	3
$30,000 to $39,999	1 806	1 745	9	–	53	26	7	12	2	5
$40,000 to $49,999	1 461	1 423	4	3	32	13	11	4	–	4
$50,000 to $59,999	1 022	995	–	2	25	9	12	–	4	–
$60,000 to $69,999	611	603	–	–	8	6	2	–	–	–
$70,000 to $79,999	396	391	–	–	5	2	–	–	–	3
$80,000 to $99,999	304	295	1	–	7	5	2	–	–	–
$100,000 to $124,999	145	143	–	–	2	–	–	2	–	–
$125,000 to $149,999	48	48	–	–	–	–	–	–	–	–
$150,000 to $199,999	29	29	–	–	–	–	–	–	–	–
$200,000 or more	15	15	–	–	–	–	–	–	–	–
Median	**35 405**	**35 963**	**...**	**...**	**23 370**	**22 117**	**25 906**	**...**	**...**	**...**
Mortgages Currently on Property[3]										
None, owned free and clear	4 598	4 359	12	5	223	119	57	17	16	14
With mortgage or land contract	5 087	4 897	18	–	172	92	28	22	22	9
One mortgage or land contract	4 665	4 494	14	–	157	89	23	18	22	6
Two mortgages or more	421	403	4	–	15	3	5	4	–	3
Monthly Payment to Lender[3]										
Less than $100	945	889	2	–	54	32	2	9	7	3
$100 to $199	1 811	1 744	8	–	59	38	4	9	8	–
$200 to $249	714	690	6	–	18	7	6	–	2	2
$250 to $299	517	506	–	–	11	2	5	4	–	–
$300 to $349	365	355	–	–	10	8	2	–	–	–
$350 to $399	235	227	–	–	8	2	2	–	–	4
$400 to $449	168	161	–	–	7	–	5	–	2	–
$450 to $499	105	100	–	–	4	2	–	–	2	–
$500 to $599	122	120	1	–	–	–	–	–	–	–
$600 to $699	57	57	–	–	–	–	–	–	–	–
$700 to $799	21	21	–	–	–	–	–	–	–	–
$800 to $999	10	10	–	–	–	–	–	–	–	–
$1,000 to $1,249	12	12	–	–	–	–	–	–	–	–
$1,250 to $1,499	2	2	–	–	–	–	–	–	–	–
$1,500 or more	2	2	–	–	–	–	–	–	–	–
Median	**188**	**189**	**...**	**...**	**154**	**136**	**...**	**...**	**...**	**...**

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS

Table 7-6. Financial Characteristics—Outside Metropolitan Statistical Areas—Occupied Units—Con.

[Numbers in thousands. Consistent with the 1990 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
							Other means			
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
OWNER OCCUPIED UNITS—Con.										
Monthly Housing Costs[4]										
Less than $100	5	5	–	–	–	–	–	–	–	–
$100 to $199	568	534	3	–	31	17	5	2	7	–
$200 to $249	674	638	2	–	34	20	2	10	2	–
$250 to $299	802	781	2	–	19	19	–	–	–	–
$300 to $349	689	666	5	–	18	10	2	–	6	–
$350 to $399	607	586	2	–	19	6	7	4	–	2
$400 to $449	441	431	–	–	9	2	7	–	–	–
$450 to $499	345	337	1	–	7	3	–	–	–	4
$500 to $599	385	372	–	–	13	4	2	2	4	–
$600 to $699	211	209	–	–	2	–	2	–	–	–
$700 to $799	95	91	1	–	2	2	–	–	–	–
$800 or more	107	107	–	–	–	–	–	–	–	–
No cash rent	...	...	...	...	...	...	...	...	...	...
Median	**330**	**332**	**...**	**...**	**282**	**265**	**...**	**...**	**...**	**...**
RENTER OCCUPIED UNITS										
Total	**4 683**	**3 632**	**17**	**66**	**968**	**390**	**344**	**102**	**89**	**42**
Monthly Housing Costs[5]										
Less than $100	392	268	4	10	110	66	26	6	9	3
$100 to $199	1 380	1 099	8	24	249	153	12	36	22	27
$200 to $249	735	639	5	17	74	40	13	16	5	–
$250 to $299	454	393	–	8	53	21	17	11	3	–
$300 to $349	257	234	–	–	23	7	4	4	2	5
$350 to $399	119	107	–	–	12	5	5	2	–	–
$400 to $449	54	49	–	3	3	3	–	–	–	–
$450 to $499	28	25	–	–	3	–	–	3	–	–
$500 to $599	19	19	–	–	–	–	–	–	–	–
$600 to $699	5	5	–	–	–	–	–	–	–	–
$700 to $799	2	2	–	–	–	–	–	–	–	–
$800 or more	–	–	–	–	–	–	–	–	–	–
No cash rent	634	499	1	4	129	53	28	21	23	5
Median	**196**	**204**	**...**	**188**	**161**	**153**	**202**	**192**	**...**	**...**

[1]Limited to owners in 1-unit structures on less than 10 acres, with a mortgage of less than $2000 and no business on property, and to renters, except those in 1-unit structures on 10 acres or more.

[2]Limited to owners in 1-unit structures on less than 10 acres, with no business on the property, and condominiums.

[3]Limited to owners in 1-unit structures on less than 10 acres, with no business on property.

[4]Limited to owners in 1-unit structures on less than 10 acres, with a mortgage of less than $2000, and no business on property.

[5]Excludes 1-unit structures on 10 acres or more.

Appendix A.
Definitions of Geographic Terms, Subject Characteristics, and Facsimile of the American Housing Survey Questionnaire: 1991

AREA DEFINITIONS

The data shown in this report relate to areas as defined for the 1980 census for urban and rural, and as of 1983, as defined by OMB for the metropolitan and nonmetropolitan areas. The area definitions used in this report were not updated to include any OMB decisions after 1983.

Regions

The standard census geographic regions are used in the tables of this report. States contained in each region are as follows: **Northeast—**Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, Pennsylvania, and New Jersey; **Midwest—**Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri, Kansas, Nebraska, North Dakota, and South Dakota; **South—**Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Tennessee, Kentucky, Arkansas, Louisiana, Oklahoma, and Texas; **West—**Montana, Wyoming, Colorado, New Mexico, Arizona, Utah, Idaho, Alaska, Washington, Oregon, Nevada, California, and Hawaii. Some data for the regions are shown in text tables and in the detailed tables throughout Sections A and B.

Urban and rural residence. As defined for the 1980 census, urban housing comprises all housing units in urbanized areas and in places of 2,500 or more inhabitants outside urbanized areas. More specifically, urban housing consists of all housing units in (a) places of 2,500 or more inhabitants incorporated as cities, villages, boroughs (except in Alaska and New York), and towns (except in New England States, New York, and Wisconsin), but excluding those housing units in the rural portions of extended cities; (b) census designated places of 2,500 or more inhabitants; and (c) other territory, incorporated or unincorporated, included in urbanized areas. Housing units not classified as urban constitute rural housing. Information on the historical development of the urban-rural residence definition appears in the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants.* PC80-1-A.

Urbanized areas. The major objective of the Census Bureau in delineating urbanized areas is to provide a better separation of urban and rural housing in the vicinity of large cities. In the 1980 census, an urbanized area comprised an incorporated place and adjacent densely settled (1.6 or more people per acre), surrounding area that together had a minimum population of 50,000. For more information on urbanized areas, refer to the 1980 Population Census PC(1)-A reports.

Metropolitan statistical areas. Metropolitan statistical areas (MSA's) shown in the American Housing Survey are defined by the Office of Management and Budget. By current standards, as published in the Federal Register on January 3, 1980, an area qualifies for recognition as an MSA in one of two ways: If there is a city of at least 50,000 population, or a Census Bureau-defined urbanized area of at least 50,000 with a total metropolitan population of at least 100,000 (75,000 in New England). Except in the New England States, an MSA is defined in terms of entire counties. In New England, MSA's are composed of cities and towns. In addition to the county containing the main city, additional counties are included in an MSA if they are socially and economically integrated with the central county. An MSA may contain more than one city of 50,000 population and may cross State lines.

Central cities. Every metropolitan statistical area has at least one central city, which is usually its largest city. Smaller cities are also identified as central cities if they have at least 25,000 population and meet the following two commuting requirements. First, the city must have at least 75 jobs for each 100 residents who are employed. Second, no more than 60 percent of the city's resident workers may commute to jobs outside the city limits. In addition, any city with at least 250,000 population or at least 100,000 persons working within its corporate limits qualifies as a central city even if it fails to meet the above two commuting requirements. Finally, in certain smaller metropolitan statistical areas, there are places with between 15,000 and 25,000 population that also qualify as central cities, because they are at least one-third the size of the metropolitan statistical area's largest city and meet the two commuting requirements.

GENERAL DEFINITIONS

The 1991 Components of Inventory Change Survey (CINCH) was conducted as part of the 1991 American Housing Survey (AHS). All interviews were conducted by personal visit. The survey interviewers were instructed to

read the questions directly from the questionnaire. The definitions and explanations given for each subject are, to a considerable extent, drawn from various technical and procedural materials used in the collection of the data. These materials helped the field interviewers to understand more fully the intent of each question, and thus, to resolve problems or unusual cases. Additional explanatory information has been added to this portion of the text to assist the user in understanding the statistics.

1991 CINCH procedures. The 1991 CINCH sample included the basic AHS sample, which was selected from the 1980 census; those units involved in a Conversion or Merger that were not in the AHS sample because of current-survey sampling procedures; a sample of new residential units completed since 1980; a sample of units missed in the 1980 decennial census, as determined by a follow-on survey; and a sample of units selected from land area listings, designed to improve coverage of certain hard-to-obtain additions to the inventory. The interviewers made preliminary determinations of the component for each sample unit in the current-year inventory by comparing the address listed in the base year (1980), if any, with its current-year (1991) status. During the comparison process, the interviewer also determined the components' classifications for sample units that had been removed from the housing inventory since the base year and those added to the inventory since the base year. Interviewers also obtained current characteristics for each of the existing units.

COMPARABILITY WITH PREVIOUS CENSUSES AND SURVEYS

Comparability with previous CINCH surveys. Care should be taken in comparing the statistics from the CINCH surveys covering different periods of time. The concepts, definitions, data collection, and processing procedures are essentially the same for previous CINCH surveys. However, the 1991 AHS and CINCH surveys were completely redesigned. A new sample was chosen, a new questionnaire designed, and new weighting procedures developed. Most of the changes were made to improve the quality of the data.

As a result of these changes, however, several items in the redesigned AHS are not comparable to similar data in other CINCH reports, and all such comparisons should be made with caution. Comparisons between a survey like CINCH and other surveys should be made with extreme caution for additional reasons. The shorter- and longer-term estimates cannot simply be increased or decreased to account for the missing or extra years, because components are not additive. For example, do not add together the number of units converted in non-residential use from the 1980 report to the numbers in the 1991 report to obtain an aggregate of the number of units converted from nonresidential use between 1973 and 1991. Units frequently change back and forth. Units move in and out of the inventory, and units that are considered a loss or addition in one year may not be an addition or a loss in the next year. For example, a single-family house that was converted to multifamily, two-unit use in one year may be changed back in the next. Additionally, estimates of sampling variability and differences in procedures for collecting, editing, and tabulating the data could affect the relationship between the results of various CINCH programs.

The data are not intended to be additive, but are to measure a universe at a distinct point in time and trace it to another distinct point in time. Its major benefit is for the measurement of the type and magnitude of change between these two dates, rather than to obtain a snap-shot accounting of the universe on any one date. For a more detailed discussion of the differences noted after the redesign of the AHS, see Current Housing Reports, H150/91, *American Housing Survey for the United States in 1991.*

Comparability with 1980, 1981, and 1983 Components of Inventory Change Survey. The 1980, 1981, 1983 CINCH was conducted as part of the American Housing Survey. It measured the components of change in the inventory between 1973 and the current year, a 7-, 8-, or 10-year period. These CINCH programs used essentially the same concepts and definitions.

The 1983 Components of Inventory Change Survey report shows only summary characteristics, not detailed household characteristics. The 1980 detailed characteristics did not change substantially by component when the data were reweighted using the newer 1980-based weighting. A difference existed between the weighting procedures used for the 1980 CINCH and the 1981 and 1983 CINCH numbers. The independent household estimates used in the weighting of the 1981 and 1983 CINCH were Current Population Survey (CPS) estimates derived from the 1980 census. The CPS independent household estimates used in the weighting of the 1980 data were derived from the 1970 census.

Comparability with 1970 Components of Inventory Change Survey. The 1970 Components of Inventory Change Survey was conducted as part of the 1970 Census of Housing. It measured the components of change between 1960 and 1970, a 10-year period. This report covers CINCH measurement from April 1980 to October 1991, a period of 5 and one-half years.

Comparability with the 1956 National Housing Inventory and the 1960 Components of Change Survey. The 1956 National Housing Inventory and the 1960 Components of Change Survey used essentially the same concepts as the later CINCH surveys, except for the reporting unit. In the 1956 and 1960 surveys, it was defined as the dwelling unit. In 1970, 1980, 1981, and 1983, it was the

housing unit. Caution should be used when comparing statistics from this report with data from the 1956 or 1960 survey reports for the same reasons stated earlier in other comparability sections.

Comparability with the 1991 American Housing Survey. Most of the concepts used in the CINCH survey are essentially the same as those used in the 1991 AHS National sample. The data were derived from the AHS interviews for the current year (1991), with comparisons being made back to the 1980 census.

Comparability with the 1980 Census of Population and Housing data. The concepts and definitions are essentially the same for items that appear in both the 1980 census and the CINCH reports.

In the 1980 Census of Housing, Volume VI, *Components of Inventory Change* report, units are classified as new construction if constructed in 1974 through October 1980. In this report, units are classified as new construction if constructed after April 1, 1980.

Data on poverty level in the 1980 Census of Housing do not contain the income of household members unrelated to the householder. Consequently, 1980 poverty level is not shown in this report. In the CINCH, current-year data on poverty level include the income of all household members whether or not they are related to the householder.

Current-year income data in the CINCH are based on income for the 12 months prior to interview for those household members 15 years and older. The base-year (1980 Census of Housing) income data uses calendar year 1979 income for household members 15 years and older.

In the 1980 Census of Population, data for years of school completed were based on responses to two questions: the highest grade or year of regular school each household member attended, and whether or not that grade was completed. The response categories for persons who have attended college were modified from earlier censuses, because there was some ambiguity in interpreting responses in terms of number of years of college completed. The modification enhances the reporting of the number of college graduates. In current-year CINCH, data for years of school completed were based on responses to a single question: the highest grade or year of regular school completed by the householder. Therefore, the CINCH may overstate the current-year education level of the householder; that is, respondents may have reported the grade or year in which the householder was currently enrolled or had last been enrolled, whether or not the grade or year was completed.

Differences between the current-year CINCH data and the 1980 census, which is the base year for CINCH, may also be attributed to several other factors. These include the extensive use of self-enumeration in the census in contrast to personal interviewing in the survey; differences in processing procedures and sample design; the sampling variability associated with the sample data from both the CINCH and the census; the nonsampling errors associated with the survey estimates; and the nonsampling errors associated with census data.

Comparability with Current Construction Reports from the Survey of Construction. The Census Bureau issues several publications under the general titles, ‘‘Current Construction Reports.’’ The data for these reports are primarily from the Survey of Construction.

The Survey of Construction consists of approximately 8,300 permit-issuing places throughout the United States. The reports from the survey contain current data on housing starts and completions, construction authorized by building permits, new one-unit structures sold and for sale, characteristics of new housing, and value of new construction put in place. The concepts and definitions used in this report differ from some of those used in the Survey of Construction. The major difference is that the Survey of Construction shows counts and characteristics of housing units in various stages of construction through completion. CINCH shows counts and characteristics of the existing housing inventory. Additional differences between the CINCH and the Survey of Construction may be attributed to factors such as the sampling variability and nonsampling errors of the data from the two surveys, survey procedures and techniques, and processing procedures.

SUBJECT CHARACTERISTICS

Components of Change

The housing inventory has been divided into categories called components to describe units that remain the same in number, as well as the several kinds of changes that occur. The term, ‘‘Components of Change,’’ refers to these individual categories, which are designed to explain (1) the source of the 1991 inventory and (2) the disposition of the 1980 inventory. In terms of the 1991 (current year) inventory, the components of change consist of ‘‘Same’’ units, units added through ‘‘New construction,’’ units ‘‘Added through other sources,’’ units changed by ‘‘Conversion,’’ and units changed by ‘‘Merger.’’ In terms of the 1980 inventory (base year), the components of change consist of ‘‘Same’’ units, units lost through ‘‘Demolition or disaster,’’ units lost through ‘‘Other’’ means, units changed by ‘‘Conversion,’’ and units changed by ‘‘Merger.’’

In general, the above classifications were obtained by interviewers making comparisons between units as listed in 1980, and units as listed in 1991, and by a more detailed computer comparison of housing unit status and characteristics. Through the procedures used in this survey, it was possible to classify the components of change on the basis of the situation reported in 1980 and the situation existing in 1991.

Same units. Same units are living quarters that existed in 1980 and remained unchanged in number in 1991. Thus, Same units are common to both the 1980 and 1991

inventories. Units that were changed after 1980, but reverted to one unit by 1991 are also considered Same units. For example, a 1980 single housing unit that was converted to several units and later merged back to one unit, or a housing unit that was changed to nonresidential use and later was restored to residential use is classified as a Same unit. Changes made since 1980 to the characteristics of a housing unit, such as an added bedroom, do not alter its classification as Same, if it is still one housing unit in 1991.

Units changed by Conversion. Conversion refers to the creation of two or more housing units from fewer 1980 units through structural alteration or through a change in how it is used. Structural alteration includes such changes as adding a separate room or building walls to form another housing unit. Change in use is a simple rearrangement in the utilization of space without structural alteration, such as locking a door, which closes off one or more rooms to form a separate housing unit. The term Conversion is applicable to both the 1980 and 1991 inventories. For example, one housing unit in 1980, which was subsequently converted to three housing units, was counted as one unit changed by Conversion for the 1980 statistics and as three units changed by Conversion for the 1991 statistics. Conversion of basement space to separate residential space (an additional unit) is considered to be Conversion to more when the Conversion took place in a single-unit structure. If the Conversion of basement space, or any other nonresidential space took place in a multiunit structure, it is considered to be From Nonresidential Use, and not a Conversion of fewer units to more units. The number of Conversions does not include units that had been converted at some point between 1980 and 1991, but had returned to the 1980 status before the 1991 enumeration.

Units changed by Merger. A Merger is the result of combining two or more 1980 housing units into fewer 1991 units through structural alteration or change in use. Structural alteration includes such changes as the removal of walls or the removal of outside stair access. Change in use may result from a simple rearrangement of space without structural alteration, such as unlocking a door, which formerly separated two housing units. A change in use also occurs when a family occupies both floors of a house that had formerly contained a separate housing unit on each floor.

The term Merger is applicable to both the 1980 and 1991 inventories. For example, two housing units in the 1980 inventory, which subsequently were merged into one housing unit, were counted as two units changed by Merger for the 1980 statistics and as one unit changed by Merger for the 1991 statistics. As with Conversions, units that had merged after 1980, but had changed back to their original status before the 1991 interview are not included in the figures on Mergers.

Caution should be used in comparing certain base-year characteristics for Conversions and Mergers, because much of the decennial data was obtained from self-classification by respondents. For example, some number of the Mergers are classified as having come from single-unit structures. This is probably because some people considered their apartments to be single units detached from any other. Mobile homes involved in Mergers were probably used as overflow sleeping quarters and as such were considered to be merged with the main unit.

Units added through New construction. Any housing unit built in April 1980 or later is classified as a unit added by New construction. This includes occupied and vacant mobile homes if the model year is 1980 or later. Additionally, a sample of permits for large multiunit buildings was selected, going back to 1979, to obtain characteristics for units in larger structures that might not have been completed by the time of the 1980 census. Characteristics of newly constructed units removed from the housing inventory before the 1991 interview period are not reflected in the New construction figures in this report. Housing units built during the period, but subsequently changed by Conversion or Merger are classified as New construction in terms the number of units existing in the 1991 CINCH survey. For example, a single-family home, built in 1981, but converted to two apartments (first floor and second floor), would be classified as two newly constructed units for the 1991 data. Vacant units under construction at the time of interviewing were interviewed only if construction had proceeded to a point that all exterior windows and doors were installed and the final usable floors were in place. In CINCH, data on New construction were obtained primarily from a sample of units selected from building permits.

Units added through other sources. Any housing unit added to the inventory through any means other than New construction or Conversion is classified as a unit added through Other sources. This component includes the following types of added units:

House or mobile home moved in. Houses or mobile homes moved to site since April 1980. Nationally, units moved in do not result in a net addition to the total inventory, since they also represent units lost from the place from which they were moved. Mobile homes built after April 1980 and moved to their present site are considered new construction. Caution should be used here in comparing mobile home data from the decennial census with the 1991 counts, because mobile homes with a permanent room attached were considered in the census to be single units, detached from any other, and in CINCH data to be mobile homes.

From nonresidential use. Units created from nonresidential space such as a store, detached garage, or barn, or nonresidential space in a multiunit structure, such as a storage or laundry room. By definition, this category does not apply to space converted within a single-family unit. For

example, if a basement in a single-family house is finished and made a separate apartment, this is counted as a Conversion to more units, rather than from nonresidential use.

Other. Units created from living quarters previously classified as group quarters.

The component "From condemned, damaged, or to be demolished," which was shown in the 1980 and 1983 CINCH publications, is not used in the 1991 CINCH report. Because the base year for the 1991 CINCH was the 1980 census, all units in sample were living quarters (either occupied or vacant) in 1980. Cases where condemned or to be demolished properties in 1980 have become housing units by 1991 would be included in the component "From nonresidential use."

Units lost through demolition or disaster. A housing unit that existed in April 1980, and was subsequently torn down, is classified as a unit lost through Demolition . Units destroyed by fire, flood, or other natural cause are classified as units lost through disaster.

Units lost through other means. Any housing unit that existed in April 1980 is counted as lost through Other means if it was lost from the housing inventory through means other than demolition or disaster. This component includes the following types of losses:

House or mobile home moved out. Houses or mobile homes moved from site since April 1980. Nationally, most units moved out do not result in a net loss to the total inventory, because they also represent units added at the new site to which they have been moved.

To nonresidential use. Units lost by change to nonresidential use.

Exposed, damaged, or condemned. Units lost from the inventory because they were vacant and either the roof, walls, doors, or windows no longer protected the interior from the elements, or because the unit was severely damaged by fire. This category also includes vacant units lost from the inventory, because there was positive evidence, such as a sign, notice, or mark on the building or the block that the units were scheduled for demolition, or that they were condemned so that further occupancy was prohibited.

Other. Units lost by change to group quarters, for example, a housing unit that was occupied by a family in 1980 and by nine boarders in 1991, or units that are considered to be losses definitionally, such as an occupied houseboat that becomes vacant. Units lost through Other Means do not include units that were lost during the period but restored as housing units by the 1991 interviewing period. For example, losses do not include 1980 housing units that were changed to nonresidential use and back to housing units by 1991, or 1980 housing units that became vacant and condemned and were rehabilitated by 1991.

Median We estimate each median from the printed distribution. If there are 10 million homes of a particular type, the median is the 5 millionth, or halfway point of these homes. Therefore, if 4 million homes are below $400 rent, then the median is the millionth home above $400. Finally, if the next interval printed in the book (from $400 to $449), has 3 million homes, the median is assumed to be one-third of the way through the interval (at $417). Actually, this technique often overestimates medians by a few percent since most homes cluster at the bottom of their intervals. The clustering happens because landlords ask for rent in round numbers, like $500, and people give answers in round numbers, like $20,000 income, or 40 years old. There are two special cases in calculating medians: For education we assume that an interval like "completed 12 years" means 12.00 to 12.99, so one-third of the way through is 12.33. For numbers of people or rooms, we assume an interval like 3 means 2.50 to 3.49, so one-third of the way through is 2.83. This method is used rather than just saying that the median is 3, in order to give a more detailed picture of the distribution. We do not show the median at all if the distribution is estimated to have fewer than 25 sample cases (50,000 homes in a national report).

Living Quarters

For 1991 and 1980, living quarters are classified as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-unit structure, apartment house, hotel or motel, boarding house, or mobile home or trailer.) Living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a warehouse where a watchman lives), as well as in places such as tents, caves, and old railroad cars. We count these as living quarters if they are occupied.

Housing units. For 1991 and 1980, a housing unit is a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. Separate living quarters are those in which the occupants live and eat separately from any other persons in the structure and that have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other groups of related or unrelated persons who share living arrangements (except as described in the section on group quarters). 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. Both occupied and vacant housing units are included in the housing inventory, except that tents, caves, boats, railroad cars, and the like are included only if they are occupied.

Group quarters. The 1991 CINCH and the 1980 census definitions are the same. Group quarters are any living quarters that are not classified as housing units. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living quarters that are occupied by 9 or more persons unrelated to the householder, or by 10 or more unrelated persons.

Hotels, motels, rooming houses, etc. For 1991 and 1980, occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels, motels, and similar places in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat 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, they are classified as one housing unit; if the combined quarters contain nine or more roomers unrelated to the householder, or person in charge, they are classified as group quarters. In a dormitory, residence hall, or similar place, living quarters of the supervisory staff and other employees are separate housing units if they satisfy the housing unit criteria; other living quarters are considered group quarters.

Staff living quarters. For 1991 and 1980, living quarters of staff personnel are separate housing units if they satisfy the housing unit criteria. Other living quarters are considered group quarters.

Year-round housing units. For 1991 and 1980, year-round housing units include all units occupied by one or more persons for whom it is their usual residence and all vacant units that are intended by the owner for occupancy at any time of the year. If a unit in a resort area is intended for occupancy on a year-round basis, it is a year-round housing unit, even if vacant.

Occupied housing units. For 1991 and 1980, a housing unit is classified as occupied if a person or group of persons is living in it 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 persons with a usual place of residence elsewhere, the unit is classified as vacant. By definition, the count of occupied housing units is the same as the count of households.

Race. In the 1991 CINCH and the 1980 census, the classification ''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 was determined on the basis of a question that asked for self-identification of a person's race. Figures on tenure are given separately for White, Black, and other householders. The last (''other'') category includes Asian, Pacific Islander, American Indian, Aleut, Eskimo, and any other race reported.

Hispanic. For 1991, the classification ''Hispanic'' refers to the origin of the householder occupying the housing unit. Hispanic origin was determined on the basis of a question that asked for self-identification of persons living in the unit who were Hispanic or Spanish American. Hispanic persons may be of any race.

For 1980, persons of both a Hispanic and another origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

Tenure. For 1991 and 1980, a housing unit is owner occupied if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. Also, a cooperative or condominium unit is owner occupied only if the owner or co-owner lives in it. All other occupied housing units are classified as renter occupied, including housing units rented for cash rent and those occupied without payment of cash rent.

Cooperatives and condominiums. For 1991 a cooperative is a type of ownership whereby a group of housing units are owned by a corporation of member-owners. Each individual member is entitled to occupy an individual housing unit and is a shareholder in the corporation that owns the property.

For 1991 and 1980 a condominium is a type of ownership that enables a person to own an apartment or house in a project of similarly owned units. The owner has the deed and very likely the mortgage on the unit occupied. The owner may also hold common or joint ownership in some or all common areas such as grounds, hallways, entrances, elevators, etc.

Cooperative or condominium ownership may apply to various types of structures including single-family houses, rowhouses, townhouses, etc., as well as apartment units.

For 1980, cooperatives were not shown in census publications. Only condominiums were shown.

Year householder moved into unit. This item appears only in the 1991 data, although it was collected in the 1980 census. 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 he or she 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. The median year householder moved into unit is rounded to the nearest year.

Owner or manager on property. This item appears only in the 1991 data. These statistics are based on the number of rental housing units in structures of two or more units with the owner or resident manager living on the property.

Vacant housing units. For 1991 and 1980, 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, a vacant housing unit may be one that is occupied entirely by persons who have a usual residence elsewhere (URE).

New housing units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if unfit for human habitation; that is, if the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store, or an office, or quarters used for storing business supplies or inventory, machinery, or agricultural products.

Time Sharing. This item appears only in the 1991 data. This item is restricted to vacant housing units, including URE's. Time sharing is a form of ownership in which a single property is owned by multiple owners. Each is entitled to occupy the unit for a limited period of time during a specific time of the year. 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. For 1991 and 1980, the statistics on duration of vacancy refer 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 remained 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.

Previous occupancy. This item appears only in the 1991 data. The statistics presented are restricted to housing units built in 1980 or later. ''Previously occupied'' indicates that some person or persons not now in the household occupied the housing unit prior to the householder or other related household member's occupancy. ''Not previously occupied'' indicates that either the householder or some other current household member was the first occupant of the housing unit.

Last used as a permanent residence. This item appears only in the 1991 data. The statistics on ''last used as a permanent residence'' refer to the length of time (in months) since units that are currently seasonal vacants or URE's 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.''

Suitability for year-round use. This item appears only in the 1991 data. For vacant housing units that were not intended for year-round use (i.e., 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 and insulated for heating as necessitated by the climate, and if it has a heating system that would be adequate during extended cold periods.

Utilization Characteristics

Persons. For 1991 and 1980, all persons occupying the housing unit are counted. These persons 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. The data on persons show the number of housing units occupied by the specified number of persons. The median for persons is rounded to the nearest tenth.

A person is counted at the usual place of residence for that person. This refers to 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.

Rooms. For 1991 respondents were asked for a count of each specific type of room. The answers to these questions are then added together in the tabulations to provide a total count of rooms. Far fewer rooms are missed in this series of questions, which has apparently resulted in lower counts of one- and two-room units than were obtained before 1991. The statistics on rooms are for the number of housing units with a specified number of 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, lodgers' rooms, and other finished and unfinished rooms. Also included are rooms used for offices by a person living in the unit. The median for rooms is rounded to the nearest tenth.

A dining room, to be counted, must be a separate room. It must be separated from adjoining rooms by built-in, floor-to-ceiling walls extending at least a few inches from the intersecting walls. Movable or collapsible partitions or partitions consisting solely of shelves or cabinets are not considered built-in walls. Bathrooms are not counted as rooms.

For 1980, respondents answered a single question asking for a total count of rooms in the unit. The potential to miss specific rooms is high in a question of this type. The 1991 definition applies, but unfinished basements used for storage were not included.

Bedrooms. For 1991 and 1980, the number of bedrooms in the housing unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a hideaway bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified by definition as having no bedroom.

Square footage of unit. This item appears only in the 1991 data. Housing size is shown for single-family detached housing units and mobile homes. Excluded from the calculation of square footage are unfinished attics, carports, attached garages, porches that are not protected from the elements (i.e., 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. If the respondent did not know the square footage, the interviewer measured the outside dimensions of the unit. Preliminary evaluation indicates that this item is somewhat unreliable.

Square feet per person. This item appears only in the 1991 data. Square feet per person is computed for each single-family detached housing unit and mobile home by dividing the number of persons in the unit by the square footage of the unit. The figures shown refer to the number of housing units having the specified square feet per person. Median square footage is rounded to the nearest foot.

Lot size. This item appears only in the 1991 data. 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.

Structural Characteristics

New construction. This item appears only in the 1991 data. Housing units built or mobile homes made since April 1980 are classified as new construction.

Year structure built. For 1991 and 1980, year structure built refers to 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 mobile homes and trailers, the manufacturer's model year was assumed to be the year built. The data are obtained from the respondents' answers, rather than from public records and are, therefore, subject to reporting variability. Median year built is rounded to the nearest year.

Units in structure. For 1991, data on units in structure were based on the respondents answer to a series of questions. The method of collecting units-in-structure data in 1991 was revised, because previous AHS experience has shown the concept to be difficult for respondents. Respondents particularly had difficulty distinguishing between single-family attached and units in multiunit structures.

In determining the number of housing units in a structure, all units, both occupied and vacant were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential structures.

A structure is a separate building if it has either open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. Structures containing only one housing unit are further classified as detached or attached.

A one-unit structure is detached if it has open space on all four sides, even though it has an adjoining shed or garage. A one-unit structure is attached if it has one or more walls extending from ground to roof that divide it from other adjoining structures and does not share a furnace or boiler with adjoining structures, such as in rowhouses, townhouses, etc.

Mobile homes and trailers are shown as a separate category. When one or more rooms have been added to a mobile home or trailer, it is classified as a mobile home. In previous AHS reports, and the census, such a unit was classified as a one-unit, detached structure.

For 1980, data on units in structure were based on the respondents answer to one question, ''How many living quarters, both occupied and vacant, are there in this house (building)?'' The category mobile home or trailer included mobile homes, trailers, boats, tents, vans, etc. A mobile home or trailer with a permanent room attached was classified as a one-unit detached structure.

Foundation. This item appears only in the 1991 data. This item is restricted to one-unit buildings and excludes mobile homes. A structure has a basement if there is enclosed

space at least partially underground in which a person can walk upright under all or part of the building. The basement is under all the 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 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 a house built on stilts or pilings (for example, beach houses) and boats, motor homes, etc.

Site placement. This item appears only in the 1991 data. This item is restricted to mobile homes. ''Site'' refers to location and not necessarily a mobile home park site. The mobile home does not have to have been occupied; it only needs to have been set up for occupancy.

Stories in structure. For 1991 and 1980, the statistics presented are restricted to multiunits. Finished attics are included in the number of stories. Unfinished attics are not. For split levels and bi-levels, the number of stories is determined by the highest number of floors that are physically over each other.

Stories between main and apartment entrances. This item appears only in the 1991 data. Data are presented for multiunit structures with two or more floors and are concerned with the number of floors from the main residential 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.

Elevator on floor. This item appears only in the 1991 data. Statistics are shown for the number of housing units in structures with two or more floors that have one or more passenger elevators on the same floor as the sample unit and whether they are in working or nonworking condition. Excluded are elevators used only for freight.

Common stairways. This item appears only in the 1991 data. The statistics on common stairways are presented for multiunit structures with two or more floors that have common stairways. The figures reflect the physical condition of the stairway; i.e., whether there are loose, broken, or missing steps or stair railings. Common stairways are stairways that are usually used by the occupants and guests to get to the doors of the unit. They may be either inside the structure or attached to the outside of the building.

Light fixtures in public halls. This item appears only in the 1991 data. These statistics are presented for housing units in two-or-more-unit structures. Data include whether or not there are light fixtures in the public halls and whether or not some, none, or all of the light fixtures are in working order. Light fixtures include wall lights, ceiling lights, or table lamps in the public halls of the building. Public halls are used by the occupants and guests to get to their apartment doors.

Water leakage during last 12 months. This item appears only in the 1991 data. 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 inside or outside the building and by the most common areas (roof, basement, walls, closed windows, or doors, etc.) or reasons (fixture backed up or overflowed, pipes leaked, etc.) of water leakage.

External building conditions. These items appear only in the 1991 data. The statistics presented are restricted to multiunits. The external condition of the building that contains the sample unit was determined by interviewer observation, as visible from the front of the building or the roadway. The categories were grouped as follows: roof, walls, windows, and foundation.

Roof. A ''sagging roof'' is a defect indicating continuous neglect, or deep or serious damage to the structure. Only roofs with substantial sagging were included. ''Missing roofing material'' includes rotted, broken, loose, or missing shingles, tiles, slate, shake, tin, etc., 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 the elements. Holes caused by construction activity were not counted unless the construction had been abandoned. ''Could not see roof'' occurs when possible situations like a high tree, evening interviews, or a flat roof prevent the roof from being visible.

Walls. ''Missing bricks, siding, or other outside wall material'' applies to the exterior walls (including chimney) of the structure. Those defects may have been caused by storm, fire, flood, extensive neglect, vandalism, and so forth. Materials may include clapboard, siding, shingles, boards, brick, concrete, stucco, etc. The missing materials do not necessarily expose the interior of the unit openly to the elements. Missing materials resulting from construction activity were not counted unless construction had been abandoned. ''Sloping outside walls'' are a critical defect indicating continuous neglect or serious damage to the structure. Only walls with substantial sagging were 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 window panes. ''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, a metal grating, etc. Windows completely covered with metal sheeting are not included in this category.

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

Could not see foundation. This occurs when landscaping, night interviewing, or some other reason prevents visibility for observation.

Plumbing Characteristics

Plumbing. For 1991, 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 the exclusive use of the occupants of the unit. All plumbing facilities must be located in the housing unit, but they need not be in the same room. Lacking some plumbing facilities or 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 some of the plumbing facilities are also for the use of the occupants of other housing units.

For 1980, the above definition applies, but the 1980 census required that the plumbing must be for the exclusive use of the occupants or intended occupants.

Complete bathrooms. For 1991 and 1980, a housing unit is classified as having a complete bathroom if it has a room with a flush toilet, bathtub or shower, a sink, and hot and cold piped water. All facilities must be in the same room to be a complete bathroom. A half bathroom has either a flush toilet or a bathtub or shower, but does not have all the facilities for a complete bathroom.

Source of water. For 1991 and 1980, a public system or private company 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 that provides water for five or fewer housing units is further classified by whether it is ''drilled'' or ''dug.'' Water sources such as springs, cisterns, streams, lakes, or bottled water are included in the ''other'' category.

Water supply stoppage. This item appears only in the 1991 data. 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 reasons 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, and if the breakdown or failure lasted 6 consecutive hours or more. Housing units with water supply stoppage are also classified according to the number of times the stoppages occurred.

Sewage disposal. For 1991, a public sewer is connected to a city, county, sanitary district, neighborhood, or subdivision sewer system. Included are only systems operated by a government body or private organization, with a sewage treatment system serving six or more units. Small sewage treatment plants, which in some localities are called neighborhood septic tanks, are classified as public sewers. A septic tank or cesspool is an underground tank or pit used for disposal of sewage (serving five or fewer units). In 1991, 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.

For 1980, the above definitions apply, but chemical toilets were included in the Other category.

Sewage disposal breakdowns. This item appears only in the 1991 data. The data on breakdowns in the means of sewage disposal 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 a 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 interruptions, etc.

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 are also classified according to the number of breakdowns.

Flush toilet. For 1991 and 1980, a privy or chemical toilet is not considered a flush toilet. Flush toilets outside the unit were not counted.

Flush toilet breakdowns. This item appears only in the 1991 data. The statistics on breakdowns of flush toilet are shown for housing units with at least one flush toilet for the household's use only. The flush toilet may be completely unusable because of a faulty flushing mechanism, broken pipes, stopped-up soil pipe, lack of water supplied to the flush toilet, or some other reason.

Data on breakdowns are classified by whether any of the flush toilets were working in the 3 months prior to the interview or while the household was living in the unit, if less than 3 months, and the number of times the breakdown lasted 6 hours or more.

Equipment and Fuels

Heating equipment. For 1991, data are shown 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 was reported as the ''main heating equipment.'' Warm-air furnace refers to a central system that provides warm air through ducts leading to various rooms. Steam or hot water system refers to 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. An electric heat pump refers to a heating-cooling system that utilizes indoor and outdoor coils, a compressor, and a refrigerant to pump 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. Built-in electric units refers to units permanently installed in floors, walls, ceilings, or baseboards. A floor, wall, or other built-in hot-air unit without ducts 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 heaters with flue include nonportable room heaters in the wall or free standing heaters that burn liquid fuel, and which are connected to a flue, vent, or chimney to remove smoke and fumes. Room heaters without flue include any room heater that burns kerosene, gas, or oil, which does not connect to a flue, vent, or chimney. Portable electric heaters include heaters that receive current from an electrical wall outlet. Stoves refer to ranges, stoves, or Franklin stoves that burn wood, coal, or other solid fuel. Fireplaces with inserts have a fan-forced air circulation system to force the heat into the room. A fireplace without inserts or with only glass door fire screens or fire backs inserted in the back of the fireplace to passively reflect heat is included in the category ''fireplace without inserts.''

For vacant housing units from which the heating equipment had been removed, the equipment used by the last occupants was to be reported.

For 1980, the census only inquired about main types of heating equipment. Care should be taken in comparing even the main heating equipment categories, because respondents, who did the self-classifications might not have been consistent in categorizing their equipment. Also, the 1980 categories ar collapsed and have no ''other'' category.

Heating equipment breakdowns. This item appears only in the 1991 data. For breakdowns of heating equipment, statistics are shown for housing units occupied by the householder during the winter prior to the interview. The data are classified by whether the housing unit was uncomfortably cold for 24 hours or more, the number of times equipment breakdowns occurred lasting 6 hours or more, and causes for the breakdowns.

The heating equipment is broken down if it is not providing heat at its normal heating capacity through some fault in the equipment. Utility interruptions occur when there is a cut off 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.

Fuels. For 1991, electricity is generally supplied by means of above or underground electric power lines. Piped gas is gas transported through underground pipes from a central system to serve the neighborhood. Bottled gas is pressurized gas stored in tanks or bottles that are filled or exchanged when empty. Fuel oil is 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 refers to coal or any coal derivative usually delivered by means of truck. Wood refers to the use of wood or wood charcoal, etc., as a fuel. Solar energy refers to the use of energy available from sunlight as a heating fuel source. Other includes briquettes made of pitch and sawdust, coal dust, waste material like corncobs, purchased steam, or any other fuel not listed.

For 1980, solar energy was not included as a fuel for the census.

Electric fuses and circuit breakers. This item appears only in the 1991 data. These statistics are presented for occupied housing units. 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 is reset. Blown fuses inside major pieces of installed equipment (such as some air conditioners) are counted as blown fuses or tripped breaker switches.

Equipment. This item refers to selected equipment that is in working order and for the household's exclusive use. If there are two or more of the specified appliance in the housing unit, the age of the newest is reported.

Complete kitchen facilities. For 1991 and 1980, a housing unit has complete kitchen facilities when it has all of the following for the exclusive use of the occupants of the unit: (1) an installed kitchen sink, (2) burners, and (3) a mechanical refrigerator. Quarters with only portable cooking equipment are not considered as having a range or cookstove.

An icebox is not included as a mechanical refrigerator. The kitchen facilities are for the exclusive use of the occupants when they are used only by the occupants of one housing unit, including lodgers or other unrelated persons living in the unit.

Kitchen sink. This item appears only in the 1991 data. The sink must be in the unit or on an enclosed porch, but does not have to be in the kitchen. A bathroom sink does not count as a kitchen sink.

Refrigerator. This item appears only in the 1991 data. The refrigerator must be a working mechanical refrigerator. Ice boxes are not counted. The data show whether the equipment is less than 5 years old.

Burners and oven. This item appears only in the 1991 data. The cookstove or range does not have to be mechanical; for example, it can be a wood-burning stove. Microwaves are included in the count of ovens, although toaster ovens are not. Portable burners are excluded from the count of cooking burners. The data show whether the equipment is less than 5 years old.

Dishwasher. This item appears only in the 1991 data. All mechanical dishwashers are included except counter-top dishwashers. The data show whether the equipment is less than 5 years old.

Washing machine. This item appears only in the 1991 data. The washing machine must be mechanical. A wringer washing machine that must be plugged in to run is included in this count. The data show whether the equipment is less than 5 years old.

Disposal in sink. This item appears only in the 1991 data. Only garbage disposals in working order or only temporarily out of order are included. The data show whether the equipment is less than 5 years old.

Clothes dryer. This item appears only in the 1991 data. Clothes dryer must be mechanical. Excluded from the count are hand-operated wringers, hand-turned open dryers, and other hand-operated devices. The data show whether the equipment is less than 5 years old.

Air conditioning. For 1991 and 1980, air conditioning is defined as the cooling of air by a refrigeration unit. Excluded are evaporative coolers, fans, or blowers that are not connected to a refrigeration unit. A room air-conditioning unit is an individual air conditioner that is installed in a window or an outside wall and generally intended to cool one room, although it may sometimes be used to cool several rooms. A central system is a central installation that air conditions the entire housing unit. 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 each providing central air conditioning for a group of apartments. A central installation with individual room controls is a central air-conditioning system.

Housing and Neighborhood Quality

Selected amenities:

Porch, deck, balcony, or patio. This item appears only in the 1991 data. The porch, deck, balcony, or patio must be attached to the sample unit, not just to the building or free standing. Porches may be enclosed or open.

Telephone available. For 1991, a housing unit is classified as having a telephone if there is a telephone for receiving calls available to the occupants of the unit. The telephone may be located outside or inside the housing unit, and one telephone may serve the occupants of several units. The number of housing units with a telephone available, therefore, does not indicate the number of telephones installed in homes.

For 1980, a unit is classified as having a telephone if there is a telephone in the living quarters. Units where the respondent uses a telephone located inside the building, but not in the respondent's living quarters, are classified as having no telephone.

Usable fireplace. This item appears only in the 1991 data. Excluded are the following: fireplaces that have been blocked off or whose chimney or flue have been filled, decorative or artificial fireplaces, and Franklin stoves. Free-standing fireplaces are included in this item.

Separate dining room. This item appears only in the 1991 data. A separate dining room is an area separated from adjoining rooms by a built-in, floor-to-ceiling wall extending at least a few inches from its intersecting wall. Built-in walls do not include movable or collapsible partitions or partitions consisting solely of shelves and cabinets.

With two or more living rooms, recreation rooms, etc. This item appears only in the 1991 data. It includes family rooms, dens, recreation rooms, and/or libraries.

Garage or carport. This item appears only in the 1991 data. The garage or carport must be on the same property, but does not have to be attached to the house. Off-street parking applies to both owners and renters and is considered to be a driveway or parking area, or for renters, lot privileges that are paid for as part of the rent.

Selected deficiencies:

Signs of rats. This item appears only in the 1991 data. The statistics on signs of rats refer to respondents who reported seeing rats or signs of rats inside the house or building

during the last 3 months or while the household lived there, if less than 3 months. Signs of rats include droppings, holes in the wall, or ripped or torn food containers.

Holes in floors. This item appears only in the 1991 data. Data are shown on whether there are holes in the interior floors of a housing unit. The holes do not have to go all the way through to a lower floor or to the exterior of the unit. The holes must be large enough to cause someone to trip.

Open cracks or holes (interior). This item appears only in the 1991 data. Statistics are presented on whether or not there are open cracks or holes in the interior 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, or very small holes caused by nails or other similar objects are not considered to be open cracks or holes.

Broken plaster or peeling paint (interior). This item appears only in the 1991 data. The area of peeling paint or broken plaster must be on 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.

Electric wiring. This item appears only in the 1991 data. A housing unit is classified as having exposed electrical wiring if the unit has any wiring that is not enclosed either in the walls or in metal coverings, or if the unit has any wiring outside the walls enclosed in some material other than metal. Only finished areas of the unit are included. Excluded from the tabulations are appliance cords, extension cords, chandelier cords, and telephone antenna or cable TV wires.

Electric wall outlets. This item appears only in the 1991 data. A housing unit is classified as having rooms without electric wall outlets if there is not at least one working electric wall outlet in each room of the unit. A working electric wall outlet is one that is in operating condition; i.e., 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.

Cars and Trucks Available:

Cars. For 1991 and 1980, 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 well as taxicabs if they are owned by a household member and kept at the sample unit.

For 1991, to obtain a count of all units lacking cars, trucks, or vans, the lines ‘‘no cars, trucks, or vans’’ and ‘‘other households without cars’’ must be added together.

For 1980, a count of all units lacking cars, trucks, or vans cannot be obtained, because the answers to the two separate questions were tallied separately in this publication.

Trucks and vans. The 1991 CINCH and the 1980 census definitions are the same. Included are pickups and small panel trucks of 1-ton capacity or less, and small vans that are 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.

For 1991, 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. Except for units falling in the category ‘‘no cars, trucks, or vans,’’ all units will fall into two categories. For example, a unit with one car only would fall both in the category ‘‘one car with or without trucks or vans’’ and ‘‘with cars, no trucks or vans.’’

For 1980, a count of all units lacking cars, trucks, or vans cannot be obtained, because the answers to the two separate questions were tallied separately.

Severe physical problems. A unit has severe physical problems if it has any of the following five problems:

Plumbing. This item appears only in the 1991 data. Lacking hot or cold piped water or a flush toilet, or lacking both bathtub and shower, all inside the structure for the exclusive use of the unit.

Heating. This item appears only in the 1991 data. Occupants 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.

Electrical. This item appears only in the 1991 data. 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. This item appears only in the 1991 data. Having any five of the following six maintenance problems: water leaks from the outside, such as from the roof, basement, windows, or doors; leaks from inside structure, such as pipes or plumbing fixtures; holes in the floors; holes or open cracks in the walls or ceilings; more than 8 inches by 11 inches of peeling paint or broken plaster; or signs of rats or mice in the last 90 days.

Hallways. This item appears only in the 1991 data. Having all of the following problems in public areas: no working light fixtures, loose or missing steps, loose or missing railings, and no elevator.

Moderate physical problems. A unit has moderate physical problems if it has any of the following five problems, but none of the severe problems.

Plumbing. This item appears only in the 1991 data. Units reporting problems with their plumbing facilities were counted for this category if on at least three occasions during the last 3 months or while the household was living in the unit, if less than 3 months, all the flush toilets were broken down at the same time for 6 hours or more.

Heating. This item appears only in the 1991 data. Having unvented gas, oil, or kerosene heaters as the primary heating equipment.

Upkeep. This item appears only in the 1991 data. Having any three or four of the overall list of six upkeep problems mentioned above under severe physical problems.

Hallways. This item appears only in the 1991 data. Having any three of the four hallway problems mentioned above under the severe physical problems.

Kitchen. This item appears only in the 1991 data. Lacking a kitchen sink, refrigerator, or burners inside the structure for the exclusive use of the unit.

Overall opinion of structure. This item appears only in the 1991 data. 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.

Overall opinion of neighborhood. This item appears only in the 1991 data. The data presented are based on the respondent's overall opinion of the neighborhood. The respondent defines 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.

Neighborhood conditions. This item appears only in the 1991 data. The statistics presented are based on the respondent's opinion and attitude toward the neighborhood. The respondent defines neighborhood. The respondent was asked a two-part question: (1) If anything about the neighborhood bothered the respondent and (2) if so, what? The interviewer coded the responses into the following categories: crime; noise; traffic; litter or housing deterioration; poor city/county services; undesirable commercial, institutional, or industrial property; people; and other. Multiple responses were allowed. The respondent may not have the same opinion as a neighbor about neighborhood conditions. The respondent's opinion may or may not reflect the actual neighborhood situation.

Description of the area within 300 feet. This item appears only in the 1991 data. The interviewer, through personal observation, marked all of the following categories that describe the area within 300 feet of the building in which the sample unit is located. The interviewer's best estimate of distance was considered to be acceptable. The categories include single-family detached houses(s); single-family attached house(s) or low-rise (1-3 story) multiunit building(s); mid-rise (4-6 story) multiunit building(s); high-rise (7-or-more story) multiunit buildings; and mobile home(s), excluding campers. The category ''Commercial, institutional, industrial building(s)'' includes all varieties of non-residential structures in offices, hospitals, prisons, water treatment plants, factories, parking garages, churches, hospitals, barns, junkyards, etc. ''Residential parking lot(s)'' excluded driveways of single-family homes and parking garages where parking is on more than one level. ''Body of water'' refers to lakes, streams, reservoirs, etc. Swimming pools, temporary pools of water, etc., are excluded. ''Open space, park, woods, farm, or ranch'' include cemeteries, golf courses, forest preserves, vacant lots, undeveloped land, airport land, school fields, etc.

Age of other residential buildings within 300 feet. This item appears only in the 1991 data. The statistics presented are based on the interviewer's personal observation.

Mobile homes in group. This item appears only in the 1991 data. 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, but not in a mobile home park.

Other buildings vandalized or with interior exposed. This item appears only in the 1991 data. The statistics presented are based on the interviewer's personal observation. A unit is considered to be vandalized if it has most of the visible windows broken, doors pulled off, been badly burned, words or symbols written on it, portions of the roof missing or gone, or in some other way has the interior exposed to the elements.

Bars on windows of buildings. This item appears only in the 1991 data. The statistics presented are based on the interviewer's personal observation. The condition of the windows has no bearing on this item. The windows might be in perfect condition, but the bars might be there to protect against vandalism. Windows that are boarded up or covered with tin are not included.

Condition of streets. This item appears only in the 1991 data. The statistics presented are based on the interviewer's personal observation. Major repairs include large potholes, badly crumbling or deteriorating shoulders and roadsides, deep ruts, etc. Minor repairs include small cracks, shallow holes, or missing minor surfacing.

Trash, litter, or junk on streets or any properties. This item appears only in the 1991 data. The statistics presented are based on the interviewer's personal observation. Major accumulation includes tires, appliances, or large amounts of trash accumulated over a period of time. Minor accumulation includes small amounts of paper, cans, or bottles, but they do not give the impression of long neglect. The building containing the sample unit is included.

Financial Characteristics

For 1991, all of the financial characteristics shown in this report are shown for all renters and/or all owners.

For 1980, tables present financial characteristics for specified owners and specified renters. Specified owners include single-family, owner-occupied units and vacant, for-sale-only units, which are on less than 10 acres, with no business or medical office on the property. The data exclude condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as noncondominium units in multifamily buildings. Specified renters exclude one-unit structures on 10 acres or more.

Value. Value is the respondent's estimate of how much the property (house and lot) would sell for if it were for sale.

For 1991, any nonresidential portions of the property are excluded from the cost. For vacant units, value represents the sale price asked for the property at the time of the interview, and may differ from the price at which the property is sold. Medians for value are rounded to the nearest dollar.

For 1980, value is shown only for specified owner-occupied units.

Income. For 1991, the statistics on income in the American Housing Survey are based on the respondent's reply to questions on income for the 12 months prior to the interview. The 1991 statistics are shown separately for the money income of households and for the money income of families and primary individuals occupying the housing unit (the sum of the income of the householder and all other related members 14 years old and over.)

For 1980, the statistics on income from the census are for the calendar year 1979. The 1980 income figures are shown only for household income.

Both sets of income figures represent the sum of the amounts reported for wage and salary income, self-employment income, interest or dividends, Social Security or railroad retirement income, public assistance or welfare payments, alimony or child support, and all other money income. The figure represents the amount of income received before deductions or personal income taxes, Social Security, union dues, bond purchases, health insurance premiums, Medicare deductions, etc. Medians for income are rounded to the nearest hundred dollars.

Wage or salary income is defined as the total money earnings received for work performed as an employee at any time during the 12-month period prior to the interview. It includes wages, salary, piece-rate payments, commissions, tips, cash bonuses, and Armed Forces pay. Self-employment income is defined as money income received from a business, professional practice, partnership, or farm in which the person was self-employed. Social Security or pensions include cash receipts of Social Security pensions; survivors' benefits, disability insurance programs for retired persons, dependents of deceased insured workers, or disabled workers; and deductions for Medicare and health insurance premiums. Cash receipts of retirement, disability, and survivors' benefit payments made by the U.S. Government under the Railroad Retirement Act are also included. Separate payments received for hospital or other medical care are not included.

Income from all other sources includes money income received from sources such as periodic payments from interest or dividends; net rental income (or loss) from property rentals; net receipts from roomers or boarders; net royalties; public assistance or welfare payments that include cash receipts received from public assistance programs, such as old age assistance, aid to families with dependent children, and aid to the blind or totally disabled; unemployment insurance benefits; workmen's compensation, cash benefits; periodic payments by the Veteran's Administration to disabled veterans; public or private pensions; periodic receipts from insurance policies or annuities; alimony or child support from persons who are not members of the household; net gambling gains; and nonservice scholarships and fellowships.

Receipts from the following sources were not included as income: Value of income ''in kind,'' such as free living quarters, housing subsidies, food stamps, or food produced and consumed in the home; money received from the sale of property (unless the recipient was engaged in the business of selling such property); money borrowed; tax refund; withdrawal of bank deposits; accrued interest on uncashed savings bonds; exchange of money between relatives living in the same household; gifts of money; and lump-sum payments for inheritances, insurance policies, estates, trusts, gifts, etc.

The income statistics and the characteristics of the household refer to different periods in time. In 1991, income data refer to the 12 months prior to the interview, and in 1980, they refer to the calendar year prior to the interview, whereas the household characteristics refer to the day of interview. Thus, family or household income does not include amounts received by persons who were members of the family during all or part of the income period if these persons no longer resided with the family at the time of the interview. On the other hand, family or household income includes income reported by persons who did not reside with the household during the income period but who were members at the time of the interview. For most households, however, the income reported was

received by persons who were members of the household throughout the income period.

Additional differences in the income data may be attributed to factors such as the various ways income questions are asked, the sampling variability and nonsampling errors between the CINCH and other Census Bureau surveys and censuses, survey procedures and techniques, and processing procedures.

Value-income ratio. This item appears only in the 1991 data. The ratio of value to income was computed by dividing the value of the housing unit by the total money income of the family or primary individual. The ratio was computed separately for each housing unit and was rounded to the nearest tenth. For value and income, the dollar amounts were used. Units occupied by families or primary individuals who reported no income or a net loss comprise the category ''zero or negative income.'' Medians for value-income ratio are rounded to the nearest tenth. The income statistics are for the 12 months prior to the date of interview.

Amount of savings and investments. This item appears only in the 1991 data. These data are restricted to families and primary individuals with total incomes of $25,000 per year or less. Savings includes savings in the bank or other financial institution. It also includes savings in money market accounts. Investments in a farm or business must be owned shares in a business or farm, owned percentage of the capital or assets, investment in a farm or business for which the investor holds a promissory note, or membership in a partnership that has any of the above. Other investments include stocks, bonds, rental property, real estate, antiques, art, certificates of deposit, IRA or KEOGH accounts, commodities, etc.

Food stamps. This item appears only in the 1991 data. These data are restricted to families and primary individuals with total incomes of $25,000 per year or less. Food stamps are government-issued coupons that can be used to purchase food. The food stamp program is a joint Federal-State program that is administered by State and local governments.

Poverty status. This item appears only in the 1991 data. The poverty data in this report differs from official poverty estimates in two important respects. The first important difference is the use of a poverty definition that is based on household income in place of the official method that is based on the income of the family or the unrelated individual. 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 poverty threshold for an unrelated individual. The result might be that both were in poverty, both were out of poverty, or one was in poverty and one was not. Under the approach used in this report, the two unrelated individuals were treated as members of a two-person family, and their poverty status was determined by comparing their combined income to the poverty threshold for a two-person family. The effect of using a poverty concept that is based on household income is to undercount the number of persons in poverty relative to the official estimate. A study based on the March 1975 Current Population Survey found that poverty estimates based on a household income concept were about 6 percent lower than official estimates. For more information, see Technical Paper X *Effect of Using a Poverty Definition Based on Household Income,* U.S Department of Health, Education, and Welfare, 1976. A second important difference between the poverty estimates in this report and the official poverty estimates has to do with the method used to measure income. The official annual poverty estimates are based on data collected in the March supplement to the Current Population Survey. The income questions asked in that survey are very detailed and measure the amount of income received during the previous calendar year. The income questions asked in the CINCH are much less detailed and measure the amount received during the previous 12 months. Because interviews were conducted during the period August through December, the income measures do not pertain to a fixed period. Many of the income questions in the CINCH were asked on a household basis, rather than an individual income basis. The lack of data for individuals made it necessary to adopt a poverty definition based on household income.

Officially, families and unrelated individuals are classified as being above or below the poverty level using the poverty index originated at the Social Security Administration in 1964 and revised by the Federal Interagency Committees in 1969 and 1980. The poverty index is based solely on money income and does not reflect the fact that many low-income persons receive noncash benefits, such as food stamps, Medicaid, and public housing. The index is based on the Department of Agriculture's 1961 Economy Food Plan and reflects the different consumption requirements of families based on their size and composition. The poverty thresholds are updated every year to reflect changes in the Consumer Price Index (CPI). For further details, see Current Population Reports, Series P-60, No. 181, *Poverty in the United States: 1991.*

Year unit acquired. This item appears only in the 1991 data. 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 of the building only 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.

First-time owners. This item appears only in the 1991 data. If both the owner and any co-owners have never

owned or co-owned another home as a usual place of residence, then the housing unit was reported as the first home ever owned. Previous homes purchased solely as vacation homes or homes purchased for commercial rental purposes are not to be 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 home is considered as being owned as a usual residence.

Purchase price. This item appears only in the 1991 data. The purchase price refers to the price of the house or apartment and lot at the time the property was purchased. Closing costs are excluded from the purchase price, and for mobile homes, the value of the land is excluded. Median purchase price is rounded to the nearest dollar.

Major source of down payment. This item appears only in the 1991 data. This item refers to the source of the cash used for down payment or outright purchase of the property (house and lot). If more than one source applied, the one providing the largest portion of the down payment or outright purchase was recorded. Sale of previous home was indicated only if the previous home was sold during the 12-month period preceding the acquisition of the present home. Savings, or cash on hand, includes money drawn form savings, such as bank deposits, share deposits, certificates of deposit (CD's), IRA, or KEOGH accounts. Sale of other investment includes the sale of real property or real estate other than the previous home or from the sale of other investments, such as securities (common or preferred stock, municipal or corporate bonds, mutual funds), dissolved business ventures, etc. Borrowing other than a mortgage on this property was indicated if the present owner borrowed the down payment, even if the property were mortgaged.

Money received as a gift, regardless of the source, was categorized ''inheritance or gift.'' ''Land where building was built used for financing'' means that the equity in the land on which the current structure is built was used as collateral for financing the purchase. Sources of down payment that do not fit any of the above categories were recorded in the ''other'' category.

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. A mortgage or similar debt refers to all forms of debt where the property is pledged as security for payment of the debt. It includes such debt instruments as deeds of trust, mortgage bonds, and vendors' liens. In the first three arrangements, usually a third party, known as the trustee, holds the title to the property until the debt is paid. In the vendor lien arrangement, the title is kept by the buyer but the seller (vendor) reserves a lien on the property, in the deed to the buyer, to secure payment of the balance of the purchase price. Also included as a mortgage or similar debt 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.

For 1991, the data are shown for all owner-occupied units. For mobile homes, if there was a separate loan for the mobile home and for the land, two mortgages were recorded.

For 1980, mortgage data are shown only for specified owner-occupied units.

Primary mortgage. This item appears only in the 1991 data. Data are shown in this report for primary mortgages and secondary mortgages. A mortgage is primary if it is the only one on the property. If two or more mortgages exist, one was designated as the primary mortgage. Detailed information on mortgages was collected in the CINCH on the first two mortgages reported even if the unit had three or more mortgages. On the basis of this information, one of the first two mortgages was considered to be the primary mortgage. The definition of the primary mortgage may not agree totally in all cases with legal definitions of a ''first mortgage.'' The Federal government agencies that currently insure or guarantee mortgages or similar debts include the Federal Housing Administration (FHA), the Veteran's Administration (VA), and the Farmers Home Administration (FmHA). The FHA insures home loans made by private lenders. The Farmers' Home Administration provides much the same service as the FHA, but confines its assistance to rural areas. The VA guarantees or insures loans under the Servicemen's Readjustment Act (GI Bill). The following hierarchy was used to determine primary mortgage: (1) A VA, FHA, or FmHA mortgage was automatically considered to be the primary mortgage. (2) If neither mortgage was a VA, FHA, or FmHA mortgage, an assumed mortgage was considered to be the primary mortgage. (3) If none of the above conditions existed, the mortgage obtained the year the home was purchased was considered to be the primary mortgage. (4) If both mortgages were obtained after the year of purchase, the one taken out first was considered to be the primary mortgage. (5) If all the above failed to designate a primary mortgage, the mortgage for the largest initial amount borrowed was considered the primary mortgage. All other mortgages were considered to be secondary.

Type of primary mortgage. This item appears only in the 1991 data. Mortgage insurance is financial protection provided to the lender in case the borrower fails to keep up the required mortgage payments and defaults on the loan. Such insurance protection is offered by both the Government, acting as an insurance agent, and by private mortgage insurance companies. Mortgage loans that are not insured by the FHA, VA, or Farmers' Home Administration are referred to as ''conventional'' mortgages. Conventional mortgages and mortgage debts insured or guaranteed by State or local government agencies are shown in the tables as ''Other types.''

Lower cost State and local mortgages. This item appears only in the 1991 data. Data are shown for owners with one or more mortgages. These are loans generally 1 to 3 percent below the current mortgage interest rate at the time the loan was made. The loans are managed through State or local governments. Excluded are Federally funded VA programs.

Mortgage origination. This item appears only in the 1991 data. Data are shown for owner-occupied units with one or more mortgages. For units with 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 present mortgage is the same mortgage that was assumed from the previous owner when the property was acquired and has not been refinanced. A wrap-around mortgage is a mortgage whose face value 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.

Payment plans of primary and secondary mortgages. This item appears only in the 1991 data. 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, property insurance, etc. Fixed payment, self-amortizing mortgages have payments that do not change during the term of the loan, with the principal payments sufficient to pay the loan completely within the stated term. Adjustable-rate mortgages are mortgages whose interest rates could be changed during the life of the mortgages, changing the amount of the payments required. In adjustable-term mortgages, the amount of the payments required to pay 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 mortgages in which only part or none of the principal is paid during the term of the loan (which commonly is about 5 years.) At the end of the term the principal is paid in one lump sum, refinanced with a new loan, or extended by renewal of the loan.

Lenders of primary and secondary mortgages. This item appears only in the 1991 data. This item is restricted to units with two or more mortgages. The data are classified by whether the money was borrowed from a firm (bank or other organization), the seller of the property, or from another individual. Other organizations consist of mortgage corporations, pension plans, credit unions, savings and loan associations, etc. Individuals include anyone who was not the most recent owner.

Items included in primary mortgage payment. This item appears only in the 1991 data. The respondent was asked to indicate which items were included in the monthly mortgage payment besides principal and interest. These items included property taxes, property insurance, and other charges. Other charges may include insurance premiums, disability insurance, life insurance, etc.

Year primary mortgage originated. This item appears only in the 1991 data. The year the primary mortgage was originated is the year the mortgage was signed. Medians for year primary mortgage originated are rounded to the nearest year.

Term of primary mortgage at origination or assumption. This item appears only in the 1991 data. Term is the number of years from the date the new owners first obtained the present mortgage to the date the last payment is due according to the terms of the contract. Medians for term of primary mortgage are rounded to the nearest year.

Remaining years mortgaged. This item appears only in the 1991 data. The owner or owner's spouse was asked the length of time it would take to pay the loan at the current payments. The response reflects the amortization schedule. Medians for remaining years mortgaged are rounded to the nearest year.

Current interest rate. This item appears only in the 1991 data. This item refers to the annual percentage rate in effect as of the date of the interview, not the rate when the mortgage was made, nor any imminent changes of which the respondent may be aware. Medians for current interest rate are rounded to the nearest tenth.

Total outstanding principal amount. This item appears only in the 1991 data. The statistics shown represent the total amount of principal that would have to be paid if the loan were paid in full on the date of interview. 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.

Current total loan as percent of value. This item appears only in the 1991 data. This percentage is computed by dividing the outstanding principal amount by the value of the housing unit. Medians for loan as a percent of value are rounded to the nearest tenth of a percent.

Monthly housing costs. For 1991, monthly housing costs for owner-occupied units are the sum of monthly payments for all mortgages or installment loans or contracts; real estate taxes (including taxes on mobile homes or trailer sites, if the site is owned); property insurance; homeowner's association fee; cooperative or condominium fee; mobile home park fee; land rent; utilities (electricity, gas, water,

and sewage disposal); fuels (oil, coal, kerosene, wood, etc.); and garbage and trash collection. Monthly housing costs are not computed for households with a mortgage or similar debt that failed to report the amount of their loan or contract payment.

For 1980, monthly housing cost data are shown only for specified-owner-occupied units. The data on monthly housing costs for owners are similar to the 1991 definition, but do not include homeowner's association fee, land rent, or garbage and trash collection.

For 1991, monthly housing costs for renters include the contract rent plus the estimated average monthly cost of utilities (electricity, gas, water, and sewage disposal); fuels (oil, coal, kerosene, wood, etc.); property insurance; mobile home land rent; and garbage and trash collection if these items are paid for by the renter (or paid for by someone else, such as a relative, welfare agency, or friend) in addition to rent. Renter housing units occupied without payment of cash rent are shown separately as no cash rent. Monthly housing costs for vacant-for-rent housing units include rent asked.

For 1980, the data are similar to the 1991 definition, but do not include mobile home land rent, or garbage and trash collection. The computed rent is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) if these are paid for by the renter (or paid for the renter by someone else) in addition to the rent. Medians for monthly housing costs are rounded to the nearest dollar.

Monthly housing costs as a percent of income. This item appears only in the 1991 data. The yearly housing costs (monthly housing costs multiplied by 12) are expressed as a percentage of the total income. This percentage is calculated for the same owner- and renter-occupied housing units for which ''Monthly housing costs'' was computed (for exclusions see ''Monthly housing costs''). The percentage was computed separately for each unit and rounded to the nearest percent. The measure also was not computed for units for which occupants reported no income or a net loss.

Rent paid by lodgers. This item appears only in the 1991 data. This item refers to a regular fixed rent, a set amount of money, billed or charged, that is paid at regular intervals by a lodger (usually weekly or monthly) to a member of the household. The data are restricted to lodgers who are 14 years of age or older, nonrelatives of the householder or any co-owners or co-renters, and not a co-owner or co-renter themselves. Medians for rent paid by lodgers are rounded to the nearest dollar.

Property insurance. This item appears only in the 1991 data. This item refers to homeowner's/household's property insurance on the structure and its contents (such as furniture, appliances, clothing, etc.) and usually contains some liability insurance to protect occupants should visitors have an accident on the premises. Renters usually have household property insurance. The total cost is the most recent charges for the 12-month period preceding the interview 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.

Cost and ownership sharing. This item appears only in the 1991 data. This item is restricted to owner-occupied housing units. Shared ownership is two or more names on a deed or title. Shared costs included only payments designated for mortgage or utility costs, whether paid directly to a mortgage or utility company, or to household members. ''Not living here'' means that one of the persons sharing the ownership or costs is not a household member.

Monthly payment for principal and interest. This item appears only in the 1991 data. The data present the monthly dollar amount paid on the mortgage for principal and interest only. It does not include that portion of the monthly payments used for property taxes, homeowner insurance, and/or other charges. Medians for monthly payment for principal and interest are rounded to the nearest dollar.

Monthly payment to lender. This item appears only in the 1980 data. The data present the monthly dollar amount contracted to be paid. It may include interest, taxes, homeowner insurance, and/or other charges. This item is only shown for specified owner-occupied units.

Real estate taxes. This item appears only in the 1991 data. This item includes special assessments, school taxes, county taxes, and any other real estate taxes. Excluded are payments on delinquent taxes due from prior years. Rebates are subtracted from the total. When the real estate taxes are included with the mortgage, 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.

Annual taxes paid per $1,000 value. This item appears only in the 1991 data. The annual real estate taxes paid per $1,000 value of the property (house and lot) are presented. Medians for taxes per $1,000 value are rounded to the nearest dollar.

Routine maintenance in the last year. This item appears only in the 1991 data. 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; restoration of some shingles; fixing of water pipes; replacement of parts of large equipment, such as furnace; repairing fences, gutters, sidewalks, decks, or patios; removal

of dangerous trees; termite inspection; etc. Housecleaning is not included. Routine maintenance does not include work reported under the section of repairs, improvements, and alterations. Medians for routine maintenance are rounded to the nearest dollar.

Condominium and cooperative fee. This item appears only in the 1991 data. A condominium fee is a fee charged to the owners of the individual condominium unit on a regular basis. The fee covers all operating and maintenance costs of the common property; for example, halls, lobby parking areas, laundry room, swimming pool, etc., and related administrative costs, such as utilities billed communally, management fees, etc.

The cooperative maintenance fee for a cooperative unit (also called carrying charges) is based on a percentage developed by dividing the value of the unit by the total value of the project at the time the corporation was formed. A cooperative maintenance fee is the share of the annual budget to be borne by the member living in the sample unit, including his/her share of the annual amount paid by the cooperative for real estate taxes, mortgage interest, and operating cost. Medians for condominium and cooperative fees are rounded to the nearest dollar.

Other housing costs per month. This item appears only in the 1991 data. A homeowners' association fee (excludes condominium and cooperative fees) is a fee charged for services such as upkeep of common property (painting hallways, cleaning lobbies, mowing lawns, repairing laundry facilities, paving parking areas, repairing street lights, etc.). The fee may include the use and maintenance of either indoor or outdoor swimming facilities or other recreational facilities (party rooms, tennis courts, basketball courts, exercise rooms, playground areas,. etc.). Also, the homeowners' 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. In a few areas of the country, the people may own the unit, but not the land on which it stands. Land rent refers to land that is rented or leased from the land owner, and ''ground rent'' is paid. These leases are for long periods of time (50 to 100 years) when originated. The lease obligation transfers with the property and cannot be canceled. Medians for other housing costs are rounded to the nearest dollar.

Rent reductions. This item appears only in the 1991 data. Rent control means that the amount of increase in rent is regulated by law. The jurisdiction, State or local, mandates that percentage rent increases are set and must be approved by a board, agency, department, division, office, etc.

A housing unit is classified as being in a public housing project if the structure in which the unit is located is owned by any local or State government agency, such as a housing and redevelopment authority or a housing development agency, and operated as public housing. These organizations may receive subsidies from the Federal or State government, but the local agency owns the property.

A housing unit is classified as being subsidized if under certain programs the respondent pays a lower rent because a Federal, State, or local government program pays part of the cost of construction, building mortgage, or operating expenses. These programs include (1) the rental assistance program where part of the rent for low-income families occupying the rental housing units is paid by the Department of Housing and Urban Development (HUD), (2) the FHA interest subsidy programs for rental and cooperative housing for low-income families, (3) the rent supplement program where part of the rent for low-income families occupying certain types of HUD-assisted rental housing projects is paid by the FHA, and (4) the direct loan program of HUD for housing the elderly. Units requiring income verification are subsidized units.

Other activities on property. This item appears only in the 1991 data. Data presented exclude rental units. Property consists of one or more tracts of land that the respondent considers to be the same property, farm, ranch, estate. The tracts may be adjoining or they may be separated by a road, creek, or other piece of land. A commercial establishment, such as a grocery store or veterinary office, may be located in the same building as the sample unit, or it may be located elsewhere on the property. Those housing units that have no recognizable alterations to the outside of the house are not considered as having a commercial establishment. For a condominium, this item refers to the sample unit only. A farm is not classified as a commercial establishment. A medical or dental office is a doctor's or dentist's office regularly visited by patients.

Repairs, improvements, alterations in the last 2 years. This item appears only in the 1991 data. The statistics refer to the 24 months prior to the date of the interview and are restricted to owner-occupied units. The data are presented according to whether the repairs, improvements, and alterations cost less than $500 or $500 or more. The total cost of the labor and materials was to be reported. However, if the labor was performed by the occupants or provided without charge, only the cost of materials was obtained. The cost pertains to the sum of the costs of the jobs if there were more than one job within the 2-year period.

Repairs

Roofs. This item appears only in the 1991 data. Work begun, but never completed, was not counted unless the work was currently in progress. All jobs were included, no matter how small.

Additions. This item appears only in the 1991 data. An addition is floor space built onto, above, or below an existing house in order to increase the enclosed space within the house. All work must have been done after the original construction.

Kitchens. This item appears only in the 1991 data. The existence of each component of a kitchen is asked separately. Kitchens added to space already enclosed within the structure were counted. Remodeling a kitchen could include replacing or adding installed equipment such as a garbage disposal, trash compactor, stove, or refrigerator; or it could include replacing or adding cabinets, counter tops, floors or lighting.

In 1991, vacant units are counted as lacking complete kitchen facilities if one or more of the facilities is absent regardless of what will be present when new occupants move in. It is now felt that the 1991 procedures produce overestimates of units lacking facilities in areas of the country where the facilities are normally provided by the incoming tenants. It may well be that a simple, ideal way of measuring kitchen facilities for vacant units does not exist.

Bathrooms. This item appears only in the 1991 data. Bathrooms added to space already enclosed within the structure were counted. Remodeling a bathroom could include replacing or adding installed equipment such as a shower door and fixtures, or vanity; or replacing or adding cabinets, counter tops, floors, or lighting.

Siding. This item appears only in the 1991 data. Work begun, but never completed, was not counted unless the work was currently in progress. All jobs were included, no matter how small.

Storm doors/windows. This item appears only in the 1991 data. Used storm doors/windows were counted if new to the unit. Windows or doors, which were purchased but not yet installed, were counted as long as the intentions were to install them.

Major equipment. This item appears only in the 1991 data. Only installed equipment was counted. Dehumidifiers, heating equipment, portable dishwashers, or any other equipment that simply plugged in were not counted. Water heaters and heat pumps were counted as major equipment.

Insulation. This item appears only in the 1991 data. Insulation included all forms of materials (foam, weather stripping, caulking), that are to remain in place. Plastic taped over windows in winter, but removed in summer, was not counted.

Other major work. This item appears only in the 1991 data. This category includes other major repairs, alterations, or improvements totaling over $500 each.

Government subsidy for repairs. This item appears only in the 1991 data. Low interest loans are loans more than 1 percent below the current market rate for home improvements at the time the loan was made. The loans are designed by specific government programs for the purpose of home repair, and the money must be spent that way. Government programs can be Federal, State, or local.

Household Characteristics

Household. The 1991 AHS and the 1980 census definitions are the same. A household consists of all the persons who occupy a housing unit as their usual residence. By definition, the count of households is the same as the count of occupied housing units.

Householder. For 1991, the householder is the first household member 18 years old or over who is the owner or renter of the sample unit. If no household member occupying the sample unit owns or rents the unit, the householder is the first household member listed who is 18 years old or older. In cases where no household member listed owns or rents the unit or is 18 years or older, the first household member listed is the householder.

For 1980, the respondent was asked to designate who was to be the householder.

Household composition by age of householder. For 1991 and 1980, statistics by age of householder are presented separately for two-or-more-person households and for one-person households. Households having two or more persons are further subdivided as follows:

Married-couple families, no nonrelatives. The 1991 AHS and the 1980 Census definitions are the same. Each household in this group consists of the householder and spouse, and other persons, if any, all of whom are related to the householder.

Other male householder. For 1991 and 1980, this category includes two-or-more person households with male householders who are married, but with wife absent because of separation or other reasons where husband and wife maintain separate residences; and male householders who are widowed, divorced, or single. Also included are households with male householder, wife present and nonrelatives living with them.

Other female householder. For 1991 and 1980, this category includes 2-or-more person households with female householders who are married, but with husband absent because of separation or other reason where husband and wife maintain separate residences; and female householders who are widowed, divorced, or single. Also included are households with female householder, husband present, and nonrelatives living with them.

Households consisting of only one person are shown separately for male householder and female householder under the category ''one-person households.''

Family or primary individual. This item appears only in the 1991 data. Housing units are occupied by either families or primary individuals. The term ''family'' refers to the householder and all (one or more) other persons living in the same household who are related to the householder by blood, marriage, or adoption. If the householder lives alone or with nonrelatives only, then the householder is considered a primary individual.

Married couples related to the householder of a family are included in the family and are not considered as separate families unless they reside in separate living quarters. A lodger, servant, or other person unrelated to the householder is considered a member of the household, but not of the family.

In the statistics on household composition, families are always included in one of the three major groups of two-or-more-person households. Primary individuals with nonrelatives living with them are tabulated as two-or-more-person households and further subdivided as other male householder or female householder. Primary individuals living alone are always tabulated as one-person households.

Subfamily. This item appears only in the 1991 data. A subfamily is a married couple, with or without children, or one parent with one or more own, single (never married) children under 18 years old living in a household and related to the householder or spouse. The most common example of a subfamily is a young married couple sharing the home of the husband's or wife's parents.

Age of householder. For 1991 and 1980, the age classification refers to the age reported for the householder as of that person's last birthday.

Own never-married children under 18 years old. This item appears only in the 1991 data. Statistics on presence of own children of householders are shown in this report. A child under 18 years old is defined as an own child if he or she is a single (never married) son, daughter, stepchild, or adopted child of a householder. Own children of subfamilies are excluded from the total count of own children.

Single children under 18 years old. This item appears only in the 1991 data. Single children include all persons under 18 years of age, who may or may not be related to the householder and who are not married (i.e., widowed, divorced, separated, or never been married) at the time of the interview.

Adults and single children under 18 years old. This item appears only in the 1991 data. Data are shown for all single children whether related to the householder or not, by the age categories under 6 years old, 6 to 17 years old, and households containing children in both age groups. The data are further divided by married couples, other households with two or more adults, and households with one adult or none.

Other relative of householder. This item appears only in the 1991 data. This category includes all persons related to the householder by blood, marriage, or adoption, except spouse or own child under 18 years old.

Nonrelative. This item appears only in the 1991 data. 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.

Persons other than spouse or children. This item appears only in the 1991 data. Data are shown for households with the following types of people:

Single adult offspring 18 to 29. This category is restricted to persons who are offspring of the householder or the householder's spouse, 18 to 29 years of age, and not currently married.

Single adult offspring 30 years of age or over. This category is restricted to persons who are offspring of the householder or the householder's spouse, 30 years of age or over, and not currently married.

Households with three generations. This category includes situations where either (1) both one or more children of the householder or spouse and one or more parents of the householder or spouse, or (2) both one or more parents of the householder or spouse and one or more grandparents of the householder or spouse, or (3) both one or more children of the householder or spouse and one or more grandchildren of the householder or spouse live in the unit.

Households with one subfamily. For households with only one subfamily, data are shown for subfamily householders under 30 years of age, 30 to 64 years of age, and 65 years of age and over.

Households with other types of relatives. This category excludes households where the only relatives of the householder present are the householder's spouse or children, and households where no relative of the householder is present.

Co-owners or co-renters. This category includes all households where more than one household member's name is on the deed or ownership, mortgage, land contract, contract to purchase, or similar document; or more than one household member's name is on the lease, or, if there is no lease, more than one household member is responsible for paying the rent.

Lodgers. Counts of lodgers are restricted to households with members unrelated to the householder, and who are 14 years of age and over and are not co-owners, co-renters, or children of co-owners or co-renters who pay rent to another household member.

Unrelated children under 18 years old. This category includes all households with members under 18 years of age who are unrelated to the householder or spouse. The members under 18 cannot be co-owners, co-renters, or lodgers.

Other non-relatives. This category includes all households with members 18 years of age and over who are unrelated to the householder or spouse. The members 18 and over cannot be co-owners, co-renters, or lodgers.

One or more secondary families. A secondary family is a group of two persons or more who are related to each other by birth, marriage, or adoption, but who are not related to the householder. The unrelated secondary family may include persons such as guests, roomers, boarders, or resident employees and their relatives living in a household. The number of unrelated secondary family members is included in the number of household members, but is not included in the count of family members.

Households, none related to each other. None of the household members is related to any other household member. Persons other than the householder may be co-owners, co-renters, or lodgers.

Years of school completed by householder. For 1991 and 1980, the statistics refer to the highest grade of regular school completed, not to the highest grade attended. For persons still attending school, the highest grade completed is one less than the one in which they are currently enrolled. Regular school refers to formal education obtained in graded public, private, or parochial schools, colleges, universities, or professional schools, whether day or night school, and whether attendance was full or part time. That is, regular schooling is formal education, which may advance a person toward an elementary or high school diploma, college, university, or professional school degree. Schooling or tutoring in other than regular schools is counted only if the credits obtained are regarded as transferable to a school in the regular school system., Householders whose highest grade completed was in a foreign school system or in an ungraded school were instructed to report the approximate equivalent grade (or years) in the regular United States school system. Householders were not reported as having completed a given grade if they dropped out or failed to pass the last grade attended. Education received in the following types of schools is not counted as regular schooling: vocational schools, trade schools, business schools, and noncredit adult education classes.

Facsimile of the American Housing Survey Questionnaire: 1991

OMB No. 2528-0017: Approval Expires 03/31/92

FORM AHS-22 (5-23-91)

U S DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
ACTING AS COLLECTING AGENT FOR
DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

AMERICAN HOUSING SURVEY
NATIONAL SAMPLE
1991
OCCUPIED HOUSING UNITS

NOTICE — All information which would permit identification of the individual will be held in strict confidence by law under U.S. Code, title 13, section 9a. It may be seen only by sworn Census employees and may be used only for statistical purposes.

1. Control number

-410

PSU	Segment	Serial	Sample	Check digit
			F	

2a. Date of first visit

0010 Month | Day | Year

b. Field Representative name

c. Interview method

0015
1 ☐ Personal visit
2 ☐ Telephone

3. Check Item *(See Control Card item 6.)*

☐ Control number in sample last enumeration period — *Fill item 4*
☐ Control number in sample for first time this enumeration period — *Skip to item 6*

4. *(See Control Card items 11 and 14.)* Are any household members the same this time as last enumeration period?

☐ URE household

0020
1 ☐ Yes
2 ☐ No
3 ☐ Don't know

5. Is this the same (house/apartment/mobile home) that was at this address last enumeration period? *Mark if house/apartment. Ask if mobile home.*

0030
1 ☐ Yes
2 ☐ No, for example, replacement mobile home, wrong unit interviewed last time, etc.

6. Type of interview

0040
1 ☐ Regular occupied — (One or more "1's" in Control Card item 14) — *Go to item 20, page 3*
2 ☐ URE occupied — (All "2's" in Control Card item 14) — *Go to item 124, page 36*
4 ☐ Type A noninterview

7. Type A noninterview reason

0050
01 ☐ No one home
02 ☐ Temporarily absent
03 ☐ Refused
04 ☐ Unable to locate
05 ☐ Other occupied — *Specify* _____

8. Occupancy status for Type A noninterviews

0060
1 ☐ Occupied as a usual residence by at least one person
2 ☐ All occupants have a usual residence elsewhere
3 ☐ Don't know
Go to Control Card item 9a

9. Mortgage *(See item 9A, page 20.)*

0070
1 ☐ Mortgage information not required OR callback not required
☐ Callback required —
2 ☐ Information obtained
3 ☐ Unable to obtain information — *Explain*

10–13. WASHINGTON USE ONLY

14a. Field Representative: Is there any information for this sample unit which should be reviewed by the office prior to data keying?

0135
1 ☐ Review not required
2 ☐ **Review required**

Notes

b. OFFICE USE ONLY

0139 2 ☐ Review completed

15. OFFICE USE ONLY

a. EDIT FOLLOWUP REQUIRED ⟶ ☐

0136 Page ☐☐ Item ☐☐☐☐
0137 Page ☐☐ Item ☐☐☐☐
0138 Page ☐☐ Item ☐☐☐☐

b. SOURCE OF RESOLUTION

0140
1 ☐ Respondent
2 ☐ Field Representative
3 ☐ Regional Office staff
4 ☐ Washington
5 ☐ Other — *Specify* _____

c. OFFICE USE ONLY

0141 ☐☐ Editor's code
0142 ☐☐

16. Language question

In what language was the interview conducted?

0143
1 ☐ English
2 ☐ Spanish
3 ☐ Other — *Specify* _____

17. Address correction/address addition

-510

First address line

Second address line

Place or city | State | ZIP Code

18–19. WASHINGTON USE ONLY

Notes

Page 2

FORM AHS-22 (5-23-91)

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED

MARK OR ASK –

20. Are your living quarters in a –

(Read all answer categories.)

[~ 6 11]

1120
1 ☐ **one-unit mobile home?** – *Skip to item 23 and mark box "4"*
2 ☐ **one-unit building, detached from any other building?** – *Skip to item 23 and mark box "1"*
3 ☐ **one-unit building, attached to one or more buildings?** – *Skip to item 22a*
4 ☐ **building/mobile home with two or more apartments?** – *Skip to item 21b*

21a. WASHINGTON USE ONLY

b. How many apartments are in the (building/mobile home)? 1140 _____ Number – *Skip to item 23 and mark box "3" or "5"*

22a. Does your (house/apartment) share an attic or basement with the (house/apartment) next door? 1150
1 ☐ Yes
2 ☐ No ..... } *Skip to item 22c*
3 ☐ Don't know

b. How many (houses/apartments) including your own share the attic or basement? 1160 _____ Number – *If one, reask item 22a and correct entry. If more than one, skip to item 23 and mark box "3".*

c. Does your (house/apartment) share a furnace or boiler with the (house/apartment) next door? 1170
1 ☐ Yes
2 ☐ No ..... } *Skip to item 23 and mark box "2"*
3 ☐ Don't know

d. How many (houses/apartments) including your own share the furnace or boiler? 1180 _____ Number – *If one, reask item 22c and correct entry. If more than one, skip to item 23 and mark box "3".*

e. WASHINGTON USE ONLY

f. WASHINGTON USE ONLY

23. Check Item
Final structure type classification based on entries in items 20–22. 1210
1 ☐ One-unit building – detached
2 ☐ One-unit building – attached
3 ☐ Two-or-more-unit building ..... } *Skip to item 25a*
4 ☐ Mobile home – one unit .....
5 ☐ Mobile home – two-or-more units

24. Is the house built –

(Read answer categories until a "Yes" reply is received.) 1220
1 ☐ **With a basement under all the building?**
2 ☐ **With a basement under part of the building?**
3 ☐ **With a crawl space?**
4 ☐ **On a concrete slab?**
5 ☐ **In some other way?** – *Specify* _____

25a. Is the (house/apartment) part of a condominium or cooperative? 1230
3 ☐ No ..... } *Skip to item 26a, page 4*
2 ☐ Yes, condominium
1 ☐ Yes, cooperative

b. To the Census Bureau, a cooperative is property which is owned by a corporation. Each shareholder is entitled to occupy an individual unit. Is this what you mean when you say this is a cooperative?
☐ Yes
☐ No – *Reask item 25a and correct entry*

FORM AHS-22 (6-23-91)

REGULAR OCCUPIED – Continued

26a. How many of each of the following rooms does that (house/apartment) have?
(For a one-room efficiency or studio apartment, enter "1" for living room, enter the correct number of bathrooms, and mark "None" for all other rooms.)

(1) Bedrooms? ..... 1240 _____ Number
0 ☐ None

(2) How many full bathrooms with hot and cold piped water, AND a sink, AND a flush toilet, AND a bathtub or shower? ..... 1250 _____ Number
0 ☐ None

(3) How many half bathrooms? *(Toilet OR bathtub OR shower)* ..... 1260 _____ Number
0 ☐ None

(4) Kitchens? ..... 1270 _____ Number
0 ☐ None

(5) Living rooms? ..... 1280 _____ Number
0 ☐ None

(6) Separate dining rooms? ..... 1290 _____ Number
0 ☐ None

b. Are there any other rooms?
(Exclude halls, foyers, pantries, garages, porches or areas that aren't separated by a built-in, floor-to-ceiling wall extending at least a few inches into room.) 1300
1 ☐ Yes
2 ☐ No – *Skip to item 26d*

c. What are they?
(Complete all 3 parts.)

1310 _____ Number of family rooms, dens, recreation rooms and/or libraries
0 ☐ None

1320 _____ Number of rooms that are business space with direct access to outside
0 ☐ None

1330 _____ Number of other rooms, finished or unfinished
0 ☐ None

d. Are there any mobile homes or buildings on this (property/site) other than this one?
(Use site if unit is a mobile home in a mobile home park.) 1332
1 ☐ Yes – *Ask item 26e*
2 ☐ No – *Skip to item 27, page 5*

e. (Is it a/Are they) –

(1) mobile home(s)? 1334
1 ☐ Yes
2 ☐ No

(2) garage(s)? 1336
1 ☐ Yes
2 ☐ No

(3) some other type of building(s)? 1338
1 ☐ Yes
2 ☐ No

f. Check Item *(See item 26e)*
☐ Unit has mobile home on property – *Ask item 26g*
☐ Unit does not have mobile home on property – *Skip to item 26h, page 5*

g. What is the model year of each mobile home?

1341 1 9 ☐☐
1342 1 9 ☐☐
1343 1 9 ☐☐
1344 1 9 ☐☐
1345 1 9 ☐☐

FORM AHS-22 (6-23-91)

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED – Continued

26h. Are any of the rooms in the *(Read categories marked "Yes" in item 26e)* **lived in enough by members of this household so that they should be counted as part of your living quarters?**
1347 1 ☐ Yes
2 ☐ No – *Skip to item 27*

i. Did you include them when you told me how many rooms you had?
1349 1 ☐ Yes – *Skip to item 27*
2 ☐ No

j. What kinds of rooms are they?
(Specify kinds and number in item 26j then include these rooms in the answers to item 26a through c.)
_____
_____

27. Does the (house/apartment) have a kitchen sink?
(For this household's use only.)
~ 6 11 †
1340 1 ☐ Yes
2 ☐ No

28. Check Item *(See item 26a.)*
☐ One or more full bathrooms – *Skip to item 29c*
☐ No full bathrooms – *Ask item 29a*

29a. Does the (house/apartment) have a bathtub or shower for this household's use only?
1350 1 ☐ Yes
2 ☐ No

b. Does the (house/apartment) have a flush toilet for this household's use only?
1360 1 ☐ Yes – *Skip to item 30a*
2 ☐ No – *Skip to item 31a*

c. (Is the bathroom/Are the bathrooms) for this household's use only?
1380 1 ☐ Yes
2 ☐ No

30a. In the last 3 months, was there any time when all the toilets in the home were not working?
(While household was living here if less than 3 months.)
1370 1 ☐ Yes
2 ☐ No toilet breakdowns – *Skip to item 31a*

b. How many of these breakdowns lasted 6 hours or more?
1380 _____ Number of toilet breakdowns lasting 6 hours or more
0 ☐ No toilet breakdowns lasting 6 hours

31a. Is all the wiring in the finished areas of your home concealed either in walls or metal coverings?
(Exclude appliance cords, extension cords, chandelier cords, telephone, antenna, or cable TV wires.)
1390 1 ☐ Yes, concealed
2 ☐ No
3 ☐ No electrical wiring – *Skip to item 32a*

b. Does every room have an electric outlet or wall plug that works?
1400 1 ☐ Yes
2 ☐ No

c. Have any fuses blown or circuit breakers tripped in the last 3 months?
(For the home.)
(While household was living here if less than 3 months.)
1410 1 ☐ Yes
2 ☐ No
3 ☐ Don't know
} *Skip to item 32a*

d. How many times in the last 3 months?
1420 _____ Number

32a. Has water leaked into your home from outdoors in the last 12 months?
(Exclude plumbing or other inside leaks.)
(While household was living here if less than 12 months.)
1430 1 ☐ Yes
2 ☐ No – *Skip to item 32c*

b. Where did the water come in?
(Mark (X) all that apply.)
1440 •
1 ☐ Roof
2 ☐ Basement
3 ☐ Walls or around closed windows or closed doors
4 ☐ Other – *Specify* _____

c. Have there been water leaks in the (house/apartment) from INSIDE the building in the last 12 months?
(While household was living here if less than 12 months.)
1450 1 ☐ Yes
2 ☐ No – *Skip to item 33a, page 6*

d. Where did the water come from?
(Mark (X) all that apply.)
1460 •
1 ☐ Own plumbing fixtures backed up and/or overflowed
2 ☐ Pipes leaked *(Include pipe leaks from other apartments.)*
3 ☐ Other or unknown – *Specify* _____

REGULAR OCCUPIED – Continued

33a. Does the (house/apartment) have hot and cold piped water?
(For this household's use only.)
1470 1 ☐ Yes
2 ☐ No – *Skip to item 34a*

b. What fuel is used MOST to heat the water?
1480 1 ☐ Electricity
2 ☐ Gas
3 ☐ Fuel oil
4 ☐ Kerosene or other liquid fuel
5 ☐ Coal or coke
6 ☐ Wood
7 ☐ Solar energy
8 ☐ Other – *Specify* _____

c. Was your home ever completely without running water in the last 3 months?
(While household was living here if less than 3 months.)
1490 1 ☐ Yes
2 ☐ No water stoppage – *Skip to item 34a*

d. How many times was it not available for 6 hours or more?
1500 _____ Water stoppages lasting 6 hours or more
0 ☐ None lasted 6 hours

34a. Does most of the water for your home used for cooking and drinking come from a public or private system, an individual well, or some other source?
1510 1 ☐ Public or private water system – *Skip to item 34c*
2 ☐ Individual well – *Ask item 34b*
3 ☐ Spring – For this household only
4 ☐ Cistern – For this household only
5 ☐ Stream or lake – For this household only
6 ☐ Bottled water
7 ☐ Other – *Specify* _____
} *Skip to item 35a*

b. Is the well drilled or dug?
1530 1 ☐ Drilled
2 ☐ Dug

c. Does the (system/well) serve 15 or more houses/apartments?
~ 6 11 †
1520 5 ☐ Yes – *Skip to item 35a*
☐ No – *Ask item 34d*

d. How many (houses/apartments) does the (system/well) serve?
1520 1 ☐ Only this house/apartment
2 ☐ 2 to 5
3 ☐ 6 to 9
4 ☐ 10 to 14

35a. Is the (house/apartment) connected to a public sewer?
1540 1 ☐ Yes – *Skip to item 35d*
2 ☐ No

b. What means of sewage disposal does the (house/apartment) have?
1550 1 ☐ Septic tank or cesspool – *Ask item 35c*
2 ☐ Chemical toilet
3 ☐ Outhouse or privy
4 ☐ Other – *Specify* _____
5 ☐ None
} *Skip to item 36a*

c. How many (houses/apartments) are connected to the (septic tank/cesspool)?
1560 1 ☐ One
2 ☐ 2 to 5
3 ☐ 6 or more

d. Did the sewage system break down in the last 3 months?
(So that it was completely unusable.)
(While household was living here if less than 3 months.)
1570 1 ☐ Yes
2 ☐ No sewage breakdowns – *Skip to item 36a*

e. How many of these breakdowns lasted 6 hours or more?
1580 _____ Sewage breakdowns lasting 6 hours or more
0 ☐ None lasted 6 hours

36a. Does your (house/apartment) have a refrigerator?
(For this household's use only.)
(Exclude ice boxes.)
1590 1 ☐ Yes
2 ☐ No – *Skip to item 37a, page 7*

b. Is it more than 5 years old?
(Age of newest if two or more.)
1600 1 ☐ Yes
2 ☐ No

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED — Continued

37a. Does your (house/apartment) have a garbage disposal in the sink? [1610] 1 ☐ Yes 2 ☐ No — *Skip to item 38a*

b. Is it more than 5 years old? [1620] 1 ☐ Yes 2 ☐ No

38a. Does your (house/apartment) have a cookstove or range with an oven?
(For this household's use only.)
(Include microwaves. Exclude toaster-ovens and portable burners.)
[1630] 1 ☐ Yes — *Skip to item 38c* 2 ☐ No

b. Does your (house/apartment) have —
(For this household's use only)
(1) **an oven?** [1640] 1 ☐ Yes 2 ☐ No
(Include microwaves.)
(Exclude toaster-ovens.)
(2) **cooking burners?** [1650] 1 ☐ Yes 2 ☐ No
(Exclude portable burners.)
} *If both are "No," skip to item 39a*

c. (Is it/Are they) more than 5 years old? [1660] 1 ☐ Yes 2 ☐ No
(Age of newest if two or more.)

d. What fuel is used MOST for cooking? [1670]
1 ☐ Electricity
2 ☐ Gas
3 ☐ Kerosene or other liquid fuel
4 ☐ Coal or coke
5 ☐ Wood
6 ☐ Other — *Specify* _____
7 ☐ No fuel used

39a. Does your (house/apartment) have a dishwasher? [1690] 1 ☐ Yes 2 ☐ No — *Skip to item 40a*

b. Is it more than 5 years old? [1700] 1 ☐ Yes 2 ☐ No

40a. Does your (house/apartment) have a washing machine (- - - -/in the apartment)? [1710] 1 ☐ Yes 2 ☐ No — *Skip to item 41a*

b. Is it more than 5 years old? [1720] 1 ☐ Yes 2 ☐ No

41a. Does your (house/apartment) have a clothes dryer (- - - -/in the apartment)? [1730] 1 ☐ Yes 2 ☐ No — *Skip to item 42a*

b. Is it more than 5 years old? [1740] 1 ☐ Yes 2 ☐ No

c. What kind of fuel does the dryer use? [1750]
1 ☐ Electricity
2 ☐ Gas
3 ☐ Other — *Specify* _____

42a. Does your (house/apartment) have central air conditioning? [1760] 1 ☐ Yes 2 ☐ No — *Skip to item 42c*

b. What kind of fuel does it use? [1770]
1 ☐ Electricity
2 ☐ Gas
3 ☐ Other — *Specify* _____
} *Skip to item 43a, page 8*

c. Do you use any room air conditioners? [1780] 1 ☐ Yes 2 ☐ No — *Skip to item 43a, page 8*

d. How many? [1790] _____ Number

REGULAR OCCUPIED — Continued

43a. What fuel is used MOST for heating the (house/apartment)? [1800]
1 ☐ Electricity
2 ☐ Gas
3 ☐ Fuel oil
4 ☐ Kerosene or other liquid fuel
5 ☐ Coal or coke
6 ☐ Wood
7 ☐ Solar energy
8 ☐ Other — *Specify* _____
9 ☐ None — *Skip to item 44*

b. Besides *(Fuel marked in item 43a)*, **what other fuel is used for heating the (house/apartment)?**
(Mark (X) all that apply.)
[1810] •
1 ☐ Electricity
2 ☐ Gas
3 ☐ Fuel oil
4 ☐ Kerosene or other liquid fuel
5 ☐ Coal or coke
[1820] •
6 ☐ Wood
7 ☐ Solar energy
8 ☐ Other — *Specify* _____
9 ☐ None

44. Does the (house/apartment) have a usable fireplace? [1830] 1 ☐ Yes 2 ☐ No

PLEASE LOOK AT THIS CARD.

45a. What type of heating equipment is used MOST to heat the (house/apartment)?
(Read answer categories until heating equipment used most is mentioned.)

☐ **A central warm-air furnace with air vents or ducts to the individual rooms?** — *Ask item 45b*

[1840]
2 ☐ **Steam or hot-water system with radiators OR other system using steam or hot water?**
3 ☐ **Electric heat pump?**
4 ☐ **Other built-in electric units permanently installed in wall, ceiling, or baseboards?**
5 ☐ **Floor, wall, or other built-in hot-air heater without ducts?**
6 ☐ **Kerosene, gas, or oil room heater(s), VENTED to the outside through a chimney, flue, or pipes?**
7 ☐ **UNVENTED kerosene, gas, or oil room heaters?**
8 ☐ **Portable electric heater(s)?**
9 ☐ **Stove(s)?**
10 ☐ **Fireplace(s) WITH inserts, that is, installed equipment designed to circulate more heat into the room?**
11 ☐ **Fireplace(s) with NO inserts**
12 ☐ **Some other type of heating equipment** — *Specify* _____
} *Skip to item 46a*

13 ☐ **None?** — *Skip to item 46a, page 9*

MARK OR ASK.

b. Is the heating fuel for the furnace electricity? [1840]
☐ Yes, electricity
1 ☐ No — *Skip to item 46a*

c. Is that a heat pump? [1840] 3 ☐ Yes 1 ☐ No

46a. What other kinds of heating equipment does the (house/apartment) have or use?
(Mark (X) all that apply.)
[1850] •
1 ☐ A central warm-air furnace with air vents or ducts to the individual rooms
2 ☐ Steam or hot-water system with radiators OR other system using steam or hot water
3 ☐ Electric heat pump
4 ☐ Other built-in electric units permanently installed in wall, ceiling, or baseboards
5 ☐ Floor, wall, or other built-in, hot-air heater without ducts
6 ☐ Kerosene, gas, or oil room heater(s), VENTED to the outside through a chimney, flue, or pipes
[1860] •
7 ☐ UNVENTED kerosene, gas, or oil room heaters
8 ☐ Portable electric heater(s)
9 ☐ Stove(s)
[1870] •
10 ☐ Fireplace(s) WITH inserts, that is, installed equipment designed to circulate more heat into the room
11 ☐ Fireplace(s) with NO inserts
12 ☐ Some other type of heating equipment — *Specify* _____
13 ☐ None — *Ask item 47a, page 9*

b. Anything else?
☐ Yes — *Mark (X) appropriate box(es), then ask item 47a, page 9*
☐ No — *Ask item 47a, page 9*

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED — Continued

47a. **Last winter was there any time when the (house/apartment) was so cold for 24 hours or more that it caused anyone in your household discomfort?**
1880 1 ☐ Yes — *Ask item 47b*
2 ☐ No
3 ☐ Did not live here last winter
} *Skip to item 48a*

b. **Was that because the heating equipment broke down?**
1890 1 ☐ Yes
2 ☐ No, didn't break down — *Skip to item 47e*

c. **How many times did (it/they all) break down for 6 hours or more?**
1900 _____ Number of breakdowns lasting 6 hours or more
0 ☐ Never broken for 6 hours

d. **Was it cold for any other reason?**
1910 1 ☐ Yes
2 ☐ No — *Skip to item 48a*

e. **What was the reason?**
1920 1 ☐ Utility interruption
2 ☐ Inadequate heating capacity
3 ☐ Inadequate insulation
7 ☐ Other — *Specify* _____

48a. **Does the (house/apartment) have a porch, deck, balcony, or patio?**
(Measuring at least four feet by four feet.)
(Exclude if already counted as a room.)
1930 1 ☐ Yes
2 ☐ No

b. **Does the (house/apartment) have open cracks or holes in the inside walls or ceilings?**
(Cracks thicker than a dime.)
1940 1 ☐ Yes
2 ☐ No

c. **Does the (house/apartment) have holes in the floors?**
(Big enough for someone to trip in.)
1950 1 ☐ Yes
2 ☐ No

d. **Does the (house/apartment) have any area of peeling paint or broken plaster bigger than 8 inches by 11 inches?**
(The size of a weekly news magazine or standard letter.)
1960 1 ☐ Yes
2 ☐ No

e. **In the last 3 months have you seen any rats or signs of rats in the building?**
1970 1 ☐ Yes
2 ☐ No

49. **On a scale of 1 to 10, how would you rate the (house/apartment) as a place to live? 10 is best, 1 is worst.**
1980 _____

50a. **How would you rate the neighborhood on a scale of 1 to 10? 10 is best, 1 is worst.**
(Mark "No neighborhood," if respondent volunteers this answer.)
1990 _____
0 ☐ No neighborhood — *Skip to item 51a, page 10*

b. **Is there anything about the neighborhood that bothers you?**
2000 1 ☐ Yes
2 ☐ No — *Skip to item 51a, page 10*

c. **What?**
(Write exact words and mark (X) all that apply.)
_____
_____
2010 1 ☐ No problem
• 2 ☐ Crime
3 ☐ Noise
4 ☐ Traffic
5 ☐ Litter or housing deterioration
6 ☐ Poor city/county services
2020 7 ☐ Undesirable commerical, institutional, or industrial property
• 8 ☐ People
9 ☐ Other

REGULAR OCCUPIED — Continued

51a. Check Item *(Mark (X) first box that applies.) (See Control Card items 9a and 25.)*
Prior year date entered in Control Card Item 9a
☐ Respondent MOVED here after prior year date of interview — *Skip to item 52a*
☐ Other(s) but not respondent MOVED here after prior year date of interview — *Skip to item 59, page 11*
☐ All MOVED in before prior year date of interview — *Go to item 51b*
☐ New sample unit (no prior year date entered in Control Card Item 9a) — *Skip to item 52a*

b. Check Item *(See Control Card Item 8b.)*
☐ Owned — *Skip to item 73a, page 16*
☐ Rented — *Skip to item 64a, page 14*
☐ No cash rent — *Skip to item 64c, page 14*

52a. **What are the reasons you moved from your last residence?**
(Mark (X) all that apply.)
2030 1 ☐ A private company or person wanted to use it for some purpose
• 2 ☐ Forced to leave by the government
3 ☐ Disaster loss (fire, flood, etc.)
4 ☐ New job or job transfer
5 ☐ To be closer to work/school/other
6 ☐ Other, financial/employment related
2040 7 ☐ To establish own household
• 8 ☐ Needed larger house or apartment
9 ☐ Married, widowed, divorced, or separated
2050 10 ☐ Other, family/personal related
• 11 ☐ Wanted better quality house/apartment
12 ☐ Change from owner to renter OR renter to owner
2060 13 ☐ Wanted lower rent or less expensive house to maintain
• 14 ☐ Other housing-related reasons
15 ☐ Other — *Specify* _____

b. *MARK if only one box marked (X) in item 52a OR ASK if two or more boxes are marked (X) —*
What is the MAIN reason you moved?
2070 _____ Number from item 52a
0 ☐ All reasons of equal importance

53. Check Item *(Mark (X) first box that applies.)*
☐ Box 1 marked in item 52a — *Ask item 54a*
☐ Box 2 marked in item 52a — *Skip to item 54b*
☐ Boxes 1 and 2 blank in item 52a — *Skip to item 54c*

54a. **Did you leave —**
(1) Because the owner, or members of the owner's family were going to move into that residence?
2080 1 ☐ Yes — *Skip to item 55a, page 11*
2 ☐ No

(2) Because that unit was going to become a condominium or cooperative?
2090 1 ☐ Yes — *Skip to item 55a, page 11*
2 ☐ No

(3) Because that residence was closed for repairs?
2100 1 ☐ Yes
2 ☐ No
} *Skip to item 55a, page 11*

b. **Did you leave —**
(1) Because the government wanted to use the land or building for some other purpose?
2110 1 ☐ Yes — *Skip to item 55a, page 11*
2 ☐ No

(2) Because that residence was condemned by the government as unfit for occupancy?
2120 1 ☐ Yes
2 ☐ No
} *Skip to item 55a, page 11*

c. **In addition to the reasons given, did you leave —**
(1) Because a private company or person wanted to use it for some purpose?
2130 1 ☐ Yes — *Ask item 54c(2)*
2 ☐ No — *Skip to item 54c(5)*

(2) Was that because the owner or members of the owner's family were going to move into that residence?
2140 1 ☐ Yes — *Skip to item 55a, page 11*
2 ☐ No — *Ask item 54c(3)*

(3) Because it was going to be a condominium or cooperative?
2150 1 ☐ Yes — *Skip to item 55a, page 11*
2 ☐ No — *Ask item 54c(4)*

(4) Because it was closed for repairs?
2160 1 ☐ Yes
2 ☐ No
} *Skip to item 55a, page 11*

(5) Because the government forced you to leave?
2170 1 ☐ Yes — *Ask item 54c(6)*
2 ☐ No — *Skip to item 55a, page 11*

(6) Was that because the government wanted to use the land or building for some other purpose?
2180 1 ☐ Yes — *Skip to item 55a, page 11*
2 ☐ No — *Ask item 54c(7)*

(7) Because it was condemned by the government as unfit for occupancy?
2190 1 ☐ Yes
2 ☐ No

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED — Continued

55a. When you were going to move, did you look for a (house/apartment) in any neighborhood other than this? [2200] 1 ☐ Yes 2 ☐ No

b. Why did you choose this NEIGHBORHOOD?

(Write exact words and mark (X) all that apply.)

[2210] 1 ☐ Convenient to job
2 ☐ Convenient to friends or relatives
3 ☐ Convenient to leisure activities
4 ☐ Convenient to public transportation
5 ☐ Good schools
6 ☐ Other public services
[2220] 7 ☐ Looks/design of neighborhood
8 ☐ House was most important consideration
9 ☐ Other

MARK if only one box marked (X) in item 55b OR ASK if two or more boxes marked (X) —

c. What is the MAIN reason you chose this neighborhood? [2230] _____ Box number from item 55b
0 ☐ All reasons of equal importance

56a. Before you moved, did you look at both (houses/mobile homes) and apartments? [2240] 1 ☐ Yes 2 ☐ No 3 ☐ Looked at only this unit

b. Why did you choose this particular (house/apartment)?

(Write exact words and mark (X) all that apply.)

[2250] 1 ☐ Financial reasons
2 ☐ Room layout/design
3 ☐ Kitchen
4 ☐ Size
5 ☐ Exterior appearance
6 ☐ Yard/trees/view
[2260] 7 ☐ Quality of construction
8 ☐ Only one available
9 ☐ Other — *Specify* _____

MARK if only one box marked (X) in item 56b OR ASK if two or more boxes marked (X) —

c. What is the MAIN reason you chose this (house/apartment)? [2270] _____ Box number from item 56b
0 ☐ All reasons of equal importance

57. Is this neighborhood better, worse, or about the same as your last neighborhood? [2280] 1 ☐ Better 2 ☐ Worse 3 ☐ About the same 4 ☐ Same neighborhood

58. Is this (house/apartment) better, worse, or about the same as your last home? [2290] 1 ☐ Better 2 ☐ Worse 3 ☐ About the same

59. Check item *(See Control Card items 9a and 25.)*

☐ Only one person MOVED in (after prior year date of interview/new sample unit) — *Skip to item 61a, page 12, enter line number in Group 1 column, and continue with item 61b*

☐ Two or more persons MOVED in (after prior year date of interview/new sample unit) — *Ask item 60a*

60a. Earlier you told me that . . . *(Specify names of movers)* moved into this (house/apartment) (- - -/after *(Prior year date of interview)*). Did (all of you/they) move here from the same previous residence? [2300] 1 ☐ Yes 2 ☐ No — *Skip to item 61a, page 12*

b. INSTRUCTION *(See Control Card item 26.)*

If all moved in within a 6-month period — *Skip to item 61a, page 12, enter line numbers in Group 1 column, and continue with item 61b*

If people moved in more than 6 months apart — *Put them in separate groups in item 61a on pages 12 and 13 and ask items 61b—m for each group.*

REGULAR OCCUPIED — Continued

61a. Which people moved here from the same previous residence? [-6 14†] GROUP 1

Enter line numbers of all people who come from first home mentioned under Group 1, the line numbers of all people who come from the second home mentioned under Group 2, etc. If people moved from same previous residence but more than 6 months apart, put them in separate groups.

Then ask items 61b – m for each mover group.

Line numbers
[2310] ☐☐☐☐☐☐
[2320] ☐☐☐☐☐☐
[2330] ☐☐☐☐☐☐

b. What city, county, and State did *(Specify names in mover group)* **live in just before moving here?** [2340] 0 ☐ Outside U.S. — *Skip to item 61n*

(Enter 2-character State code from flashcard.) [-7 14†]

City or place ☐☐☐☐☐☐☐☐☐☐☐☐

County ☐☐☐☐☐☐☐☐☐☐☐☐

State ☐☐

c. What was the ZIP Code? ZIP Code ☐☐☐☐☐

d. Did (you/they) live inside the incorporated limits of *(City above)*? [2360] 1 ☐ Yes 2 ☐ No or not incorporated place 3 ☐ Don't know

e. WASHINGTON USE ONLY

f. Was that residence — [-6 14†]

(Read all answer categories.) [2380] 1 ☐ **a house?** 2 ☐ **an apartment?** 3 ☐ **a mobile home?** 4 ☐ **or some other type of residence?** — *Skip to item 61n*

g. Was that home — [2390] 1 ☐ **owned or being bought by someone in that household?** 2 ☐ **rented for cash?** 3 ☐ **occupied without payment of cash rent?**

(Read all answer categories.)

h. Was that part of a condominium or cooperative? [2400] 3 ☐ No . . . . . 2 ☐ Yes, condominium 1 ☐ Yes, cooperative } *Skip to item 61j*

i. To the Census Bureau, a cooperative is property which is owned by a corporation. Each shareholder is entitled to occupy an individual unit. Is this what you mean when you say this is a cooperative? ☐ Yes ☐ No — *Reask item 61h and correct entry*

j. How many people lived in that household just before the move? [2410] _____ — *If one, skip to item 61m; if more than one, ask item 61k*

k. Was that home (owned/ rented) by someone who moved here? [2420] 1 ☐ Yes — *Skip to item 61m* 2 ☐ No

l. Was it (owned/rented) by a relative? [2430] 1 ☐ Yes 2 ☐ No

m. When *(Specify names in mover group)* **moved, did (your/their) housing costs increase, decrease, or stay about the same, including utilities and (mortgage/rent)?** [2440] 1 ☐ Increased 2 ☐ Stayed about same 3 ☐ Decreased 4 ☐ Don't know

(Compare their share, if not whole household.)

n. *Go to next mover group. If none, go to item 62, page 14.*

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED — Continued

~615† GROUP 2	~616† GROUP 3	~617† GROUP 4
Line numbers 2310 / 2320 / 2330	Line numbers 2310 / 2320 / 2330	Line numbers 2310 / 2320 / 2330
2340 0☐ Outside U.S. — *Skip to item 61n*	2340 0☐ Outside U.S. — *Skip to item 61n*	2340 0☐ Outside U.S. — *Skip to item 61n*
~715† City or place	~716† City or place	~717† City or place
County	County	County
State	State	State
ZIP Code	ZIP Code	ZIP Code
2380 1☐ Yes 2☐ No or not incorporated place 3☐ Don't know	2380 1☐ Yes 2☐ No or not incorporated place 3☐ Don't know	2380 1☐ Yes 2☐ No or not incorporated place 3☐ Don't know
~615† 2380 1☐ a house? 2☐ an apartment? 3☐ a mobile home? 4☐ or some other type of residence? — *Skip to item 61n*	~616† 2380 1☐ a house? 2☐ an apartment? 3☐ a mobile home? 4☐ or some other type of residence? — *Skip to item 61n*	~617† 2380 1☐ a house? 2☐ an apartment? 3☐ a mobile home? 4☐ or some other type of residence? — *Skip to item 61n*
2390 1☐ owned or being bought by someone in that household? 2☐ rented for cash? 3☐ occupied without payment of cash rent?	2390 1☐ owned or being bought by someone in that household? 2☐ rented for cash? 3☐ occupied without payment of cash rent?	2390 1☐ owned or being bought by someone in that household? 2☐ rented for cash? 3☐ occupied without payment of cash rent?
2400 3☐ No ..... 2☐ Yes, condominium 1☐ Yes, cooperative } *Skip to item 61j*	2400 3☐ No ..... 2☐ Yes, condominium 1☐ Yes, cooperative } *Skip to item 61j*	2400 3☐ No ..... 2☐ Yes, condominium 1☐ Yes, cooperative } *Skip to item 61j*
☐ Yes ☐ No — *Reask item 61h and correct entry*	☐ Yes ☐ No — *Reask item 61h and correct entry*	☐ Yes ☐ No — *Reask item 61h and correct entry*
2410 ____ — *If one, skip to item 61m; if more than one, ask item 61k*	2410 ____ — *If one, skip to item 61m; if more than one, ask item 61k*	2410 ____ — *If one, skip to item 61m; if more than one, ask item 61k*
2420 1☐ Yes — *Skip to item 61m* 2☐ No	2420 1☐ Yes — *Skip to item 61m* 2☐ No	2420 1☐ Yes — *Skip to item 61m* 2☐ No
2430 1☐ Yes 2☐ No	2430 1☐ Yes 2☐ No	2430 1☐ Yes 2☐ No
2440 1☐ Increased 2☐ Stayed about same 3☐ Decreased 4☐ Don't know	2440 1☐ Increased 2☐ Stayed about same 3☐ Decreased 4☐ Don't know	2440 1☐ Increased 2☐ Stayed about same 3☐ Decreased 4☐ Don't know
Go to next mover group. If none, go to item 62, page 14.	*Go to next mover group. If none, go to item 62, page 14.*	*Go to next mover group. If none, go to item 62, page 14.*

FORM AHS-22 (6-23-91)

REGULAR OCCUPIED — Continued

62. INTRODUCTION: **The next questions are about your current residence.**

63. Check Item *(See Control Card Item 8b.)*
Current residence is —
☐ Owned — *Skip to item 73a, page 16*
☐ Rented — *Ask item 64a*
☐ No cash rent — *Skip to item 64c*

64a. How often is the rent due? ~611† 2500 _____ Times per year; 12☐ Monthly

b. How much is the rent? *(Include total amount paid by household AND any other source.) (If parking priced separately, exclude it here and mark NO to items 64m and 64n without asking.)* 2510 $ _____ .00

c. Check Item *(See Item 23, page 3.)*
☐ Mobile home either one-unit or two-or-more units — *Ask item 64d*
☐ Not a mobile home — *Skip to item 64m*

d. Do you pay separate rent for the land? 2511 1☐ Yes 2☐ No — *Skip to item 64g*

e. How many times a year is the (land/site) rent due? 2512 _____ Times per year; 12☐ Monthly

f. What is the cost each *(Billing period)*? 2513 $ _____ .00; 0☐ No cash rent; 9997☐ Included in mobile home park fee or association fee

g. (----/In addition to the land rent), do you pay any (----/additional) mobile home park fee? 3550 1☐ Yes 2☐ No — *Skip to item 64j*

h. How many times a year is the fee due? 3555 _____ Times per year; 12☐ Monthly

i. What is the cost each *(Billing period)*? 3600 $ _____ .00; 0☐ Included in mobile home rent

j. Are there any (----/other) required fees for utility hookups, mobile home association fees, and so forth? ~611† 2517 1☐ Yes 2☐ No — *Skip to item 64m*

k. How many times a year are the fees due? 2518 _____ Times per year; 12☐ Monthly

l. What is the average cost each *(Billing period)* **for those fees?** 2519 $ _____ .00

m. Is a garage or carport included (in the rent/with the home)? 2520 1☐ Yes — *Skip to item 65a, page 15* 2☐ No

n. Is an offstreet parking space included? 2530 1☐ Yes 2☐ No

Notes

FORM AHS-22 (6-23-91)

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED — Continued

65a. Is the building owned by a public housing authority? [2540] 1☐ Yes — *Skip to item 65g* 2☐ No

b. Does the Federal Government pay some of the cost of the unit? [2550] 1☐ Yes — *Skip to item 65g* 2☐ No

c. Does the State or local government pay some of the cost of the unit? [2560] 1☐ Yes — *Skip to item 65g* 2☐ No

d. Do (you/the people living here) have to report the household's income to someone every year so they can set the rent? [2570] 1☐ Yes — *Skip to item 66* 2☐ No

e. Does the local government limit the rent on the unit through rent control or rent stabilization? [2580] 1☐ Yes — *Skip to item 66* 2☐ No

f. Is the rent adjusted because someone in the household works for or is related to the owner? [2590] 1☐ Yes 2☐ No } *Skip to item 66*

(If "3" circled in CC item 8b, Mark "None" without asking.)

g. Of the *(Amount from 64b)* **rent you reported, how much is this household required to pay?** [2595] $ _____ . [00] 0☐ None

66. Check Item *(See item 23, page 3.)*
☐ Mobile home either one-unit or two-or-more units — *Skip to item 68a*
☐ Not a mobile home — *Ask item 67*

67. About when was the building originally built?

[2910] ☐ 1980 or later — Month [ ] Year [ ] — *Skip to item 70a, page 16*

[2910] 1☐ 1979 2☐ 75–78 3☐ 70–74 4☐ 60–69 5☐ 50–59 6☐ 40–49 7☐ 30–39 8☐ 20–29 9☐ 1919 or earlier } *Skip to item 70b, page 16*

68a. Excluding the dealer's lot, is this the first site on which this mobile home was placed? [2900] 1☐ Yes, first site 2☐ No, moved from another site 3☐ Don't know

b. Is your mobile home included in a group of two or more? [3640] 1☐ Yes 2☐ No, mobile home not in a group — *Skip to item 69*

c. How many, including your mobile home, are in the group? [4880] _____ Exact number — *(If 2 to 20 mobile homes)*
OR
21☐ 21 or more

69. What is the model year of the mobile home? [-611†]

[2910] ☐ 1980 or later — Year [ ] — *Ask item 70a, page 16*

[2910] 1☐ 1979 2☐ 75–78 3☐ 70–74 4☐ 60–69 5☐ 50–59 6☐ 40–49 7☐ 1939 or earlier } *Skip to item 70b, page 16*

REGULAR OCCUPIED — Continued

70a. Were you the first (person/people) to occupy this home or did someone else live here before you? [2920] 1☐ First occupants 2☐ Previously occupied

b. Is this home currently for rent or sale? [2923] 1☐ Yes 2☐ No — *Skip to item 70d*

c. Is it for — *(Read all answer categories)* [2925] 1☐ **rent only?** 2☐ **rent or for sale?** 3☐ **sale only?**

d. Do you plan to leave this home within a month? [2927] 1☐ Yes 2☐ No 3☐ Not sure

71. Check Item *(See item 23, page 3.)*
☐ Two-or-more-unit building or two-or-more-unit mobile home — *Skip to item 109a, page 25*
☐ All others — *Ask item 72a*

72a. How large is the (lot/site)?
(Include all connecting land that is owned or that is rented with the home.)
(If over 1 acre, drop any fractions, don't round up. If under 1 acre, convert to approximate square feet.)

One-eighth acre	=	5500 sq. ft.
Quarter acre	=	11000 sq. ft.
One-third acre	=	14000 sq. ft.
Half acre	=	22000 sq. ft.
Three-quarters acre	=	33000 sq. ft.
One acre	=	44000 sq. ft.

[2980] _____ Square feet
OR
[2990] _____ Feet by
[3000] _____ feet
OR
[3010] _____ Whole acres
0☐ Don't know — *Ask item 72b*

MARK OR ASK —
b. Is it more than 10 acres? [3020] 1☐ Yes 2☐ No } *Skip to item 109a, page 25*

NOTE — *Ask all categories in item 73a before proceeding to item 73b.*

NOTE — *Ask item 73b only for those categories in item 73a which were answered "Yes".*

73a. These questions are about major repairs, improvements or alterations made to the (house/apartment) in the last 2 years. *(Count work only once; include work in progress.) (While living here if less than 2 years)* [-611†]		**73b.** Did someone in the household do most of the work on *(Specify type of work reported in item 73a)*	**73c.** How much did the job cost (- - - -/not counting household members' time)? *(Include materials and labor.)*
(1) Was all or part of the roof replaced in the last 2 years?	[2650] 1☐ Yes, all 2☐ Yes, part 3☐ No	[2655] 1☐ Yes 2☐ No } *Ask item 73c* →	[2660] $ _____ . [00] 0☐ No cost
(2) Were any additions built?	[2670] * 1☐ Yes 2☐ No	3☐ Yes 4☐ No } *Ask item 73c* →	[2680] $ _____ . [00] 0☐ No cost
(3) Was the kitchen remodeled or a kitchen added?	[2690] * 1☐ Yes 2☐ No	3☐ Yes 4☐ No } *Ask item 73c* →	[2700] $ _____ . [00] 0☐ No cost
(4) Were any bathrooms remodeled or added?	[2710] * 1☐ Yes 2☐ No	3☐ Yes 4☐ No } *Ask item 73c* →	[2720] $ _____ . [00] 0☐ No cost
(5) Was any siding replaced or added in the last 2 years?	[2730] * 1☐ Yes 2☐ No	3☐ Yes 4☐ No } *Ask item 73c* →	[2740] $ _____ . [00] 0☐ No cost
(6) Were any new storm doors or storm windows bought and installed?	[2750] * 1☐ Yes 2☐ No	3☐ Yes 4☐ No } *Ask item 73c* →	[2760] $ _____ . [00] 0☐ No cost
(7) Was any major equipment, such as a furnace or central air conditioning replaced or added?	[2770] * 1☐ Yes 2☐ No	3☐ Yes 4☐ No } *Ask item 73c* →	[2780] $ _____ . [00] 0☐ No cost
(8) Was insulation added?	[2790] * 1☐ Yes 2☐ No	3☐ Yes 4☐ No } *Ask item 73c* →	[2800] $ _____ . [00] 0☐ No cost
(9) Were any (- - - -/other) major repairs, or improvements, over $500 each done in the last 2 years?	[2810] * 1☐ Yes 2☐ No	3☐ Yes 4☐ No } *Ask item 73c* →	[2820] $ _____ . [00] 0☐ No cost

NOTE — *If "Yes" was answered for one or more categories in item 73a, ask item 73b.*

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED — Continued

74. Check Item *(See Item 73a, page 16.)*
☐ At least one "Yes" marked in Item 73a — *Ask Item 75*
☐ All "No" in Item 73a — *Skip to Item 76*

75. Did the household get a low interest loan or grant from a government program to help pay for making any of these repairs or alterations to your home? [2930] 1 ☐ Yes 2 ☐ No

76. In just the last YEAR, how much was spent on routine maintenance such as painting, repairs, etc.? (- - - -Exclude anything already mentioned.) *(Exclude housecleaning.)* [2940] $ _____ . 00 0 ☐ Nothing

77. Check Item *(See Item 23, page 3.)*
☐ Mobile home either one-unit or two-or-more units — *Skip to Item 79*
☐ Not a mobile home — *Ask Item 78*

78. About when was the building originally built?
[2910] ☐ 1980 or later — Month ☐☐ Year ☐☐ — *Skip to Item 81a*
[2910] 1 ☐ 1979 2 ☐ 75–78 3 ☐ 70–74 4 ☐ 60–69 5 ☐ 50–59 6 ☐ 40–49 7 ☐ 30–39 8 ☐ 20–29 9 ☐ 1919 or earlier — *Skip to Item 81b*

79a. Excluding the dealer's lot, is this the first site on which this mobile home was placed? [2900] 1 ☐ Yes, first site 2 ☐ No, moved from another site 3 ☐ Don't know

b. Is your mobile home included in a group of two or more? [3540] 1 ☐ Yes 2 ☐ No, mobile home not in a group — *Skip to Item 80*

c. How many, including your mobile home, are in the group? [4890] _____ Exact number — *(If 2 to 20 mobile homes)* OR 21 ☐ 21 or more

80. What is the model year of the mobile home? [-6 11 1]
[2910] ☐ 1980 or later — Year ☐☐ — *Ask Item 81a*
[2910] 1 ☐ 1979 2 ☐ 75–78 3 ☐ 70–74 4 ☐ 60–69 5 ☐ 50–59 6 ☐ 40–49 7 ☐ 1939 or earlier — *Skip to Item 81b*

81a. Were you the first (person/people) to occupy this home or did someone else live here before you? [2920] 1 ☐ First occupants 2 ☐ Previously occupied

b. Is this home currently for rent or sale? [2923] 1 ☐ Yes 2 ☐ No — *Skip to Item 82a*

c. Is it for — *(Read all answer categories.)* [2925] 1 ☐ rent only? 2 ☐ rent or for sale? 3 ☐ sale only?

82a. When did this household buy the (house/apartment)? *(If land and building bought at different times, building only)* [2930] 1 9 ☐☐ Year — *Skip to Item 82c*
[2930] 1 ☐ Owner built it or had it built — *Skip to Item 82c* 2 ☐ Received as inheritance or gift

b. In what year did this household (inherit/receive) the home? [2940] 1 9 ☐☐ Year — *Skip to Item 82e, page 18*

c. What was the price? *(Exclude closing costs.)* *(For mobile homes, exclude value of the land.)* [2960] $ _____ . 00

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REGULAR OCCUPIED — Continued

82d. Was the main source of the down payment the sale of a previous home, savings, or something else? *(If bought outright, enter main source of full payment.)* [2960]
1 ☐ Sale of previous home if sold during 12 months prior to purchase of new home — *Skip to Item 83a*
2 ☐ Savings or cash on hand
3 ☐ Sale of other investment
4 ☐ Borrowing, other than a mortgage on this property
5 ☐ Inheritance or gift
6 ☐ Land where building was built used for financing
7 ☐ Other — *Specify* _____
8 ☐ No down payment made

e. (Have any of the owners now living here/Have you) ever owned a home before? [2970] 1 ☐ Yes 2 ☐ No

f. Check Item *(See Control Card Items 8b, 9a, 17, and 25.)*
☐ OWNER(s) MOVED in *(after prior year date of interview/new sample unit)* — *Ask Item 82g*
☐ No owner(s) MOVED in *(after prior year date of interview)* — *Skip to Item 83a*

g. When . . . *(specify name(s) of owner(s)/you)* bought this house, did anyone make inquiries or have this house inspected or tested for any of the following? *Read all categories*

(1) Asbestos	[2971]	1 ☐ Yes	2 ☐ No	3 ☐ DK
(2) Lead-based paint	[2972]	1 ☐ Yes	2 ☐ No	3 ☐ DK
(3) Radon	[2973]	1 ☐ Yes	2 ☐ No	3 ☐ DK
(4) Lead pipes	[2974]	1 ☐ Yes	2 ☐ No	3 ☐ DK
(5) Lead solder on copper pipes	[2975]	1 ☐ Yes	2 ☐ No	3 ☐ DK
(6) Water quality	[2976]	1 ☐ Yes	2 ☐ No	3 ☐ DK
(7) Aluminum wiring	[2977]	1 ☐ Yes	2 ☐ No	3 ☐ DK

If all "No" or "DK", skip to Item 83a

h. Were any repairs or replacements made as a result of the inquiry, inspection, or test? [2978] 1 ☐ Yes 2 ☐ No

i. Were any adjustments made to the purchase price of the house as a result of the inquiry, inspection, or test? [2979] 1 ☐ Yes 2 ☐ No

Notes

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Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED — Continued

83a. Check Item *(See item 25a, page 3.)*

☐ Condominium or cooperative — *Skip to item 87a*
☐ Not a condominium or cooperative — *Go to item 83b*

b. *Check Item (See item 23, page 3.)*

☐ One-unit building — *Ask item 84a*
☐ One-unit mobile home — *Skip to item 88a, page 20*
☐ Two-or-more-unit building or two-or-more-unit mobile home — *Skip to item 86a*

84a. How large is the lot?
(Include all connecting land that is owned or that is rented with the home.)
(If over 1 acre, drop any fractions, don't round up. If under 1 acre, convert to approximate square feet.)

One-eighth acre = 5500 sq. ft.
Quarter acre = 11000 sq. ft.
One-third acre = 14000 sq. ft.
Half acre = 22000 sq. ft.
Three-quarters acre = 33000 sq. ft.
One acre = 44000 sq. ft.

2980 _____ Square feet
OR
2990 _____ Feet by
3000 _____ feet
OR
3010 _____ Whole acres
0 ☐ Don't know — *Ask item 84b*

MARK OR ASK —
b. Is it more than 10 acres? 3020 1 ☐ Yes — *Skip to item 86a* 2 ☐ No

c. Is there a commercial establishment on the property? 3030 1 ☐ Yes — *Skip to item 85a* 2 ☐ No

d. Is there a medical or dental office on the property? 3040 1 ☐ Yes — *Skip to item 85b* 2 ☐ No

e. How much do you think the house and lot would sell for on today's market? 3100 $ _____ . 00 *Skip to item 89a, page 20*

85a. Is there a medical or dental office on the property? 3040 1 ☐ Yes 2 ☐ No

b. How much do you think the house, (business/medical office) and lot would sell for on today's market? 3080 $ _____ . 00

c. What is the value of the residential portion of this property? 3100 $ _____ . 00 *Skip to item 89a, page 20*

86a. Is there a commercial establishment on the property? 3030 1 ☐ Yes 2 ☐ No

b. Is there a medical or dental office on the property? 3040 1 ☐ Yes 2 ☐ No

c. How much do you think the house and *(Acreage from item 84a/all the land)* **would sell for on today's market?** 3080 $ _____ . 00

d. How much do you think the house and its (lot/yard) would sell for on today's market? 3100 $ _____ . 00 *Skip to item 89a, page 20*

e. Is there a commercial establishment on the property? 3030 1 ☐ Yes 2 ☐ No

f. Is there a medical or dental office on the property? 3040 1 ☐ Yes 2 ☐ No

REGULAR OCCUPIED — Continued

86g. How much do you think the entire building and property would sell for on today's market? 3080 $ _____ . 00

h. How much of that would apply to the apartment only? 3100 $ _____ . 00 *Skip to item 89a*

87a. Is there a commercial establishment on the property? 3030 1 ☐ Yes 2 ☐ No

b. Is there a medical or dental office on the property? 3040 1 ☐ Yes 2 ☐ No

c. How much do you think the apartment would sell for on today's market? 3100 $ _____ . 00 *Skip to item 89a*

88a. How large is the (lot/site)?
(Include all connecting land that is owned or that is rented with the home.)
(If over 1 acre, drop any fractions, don't round up. If under 1 acre, convert to approximate square feet.)

One-eighth acre = 5500 sq. ft.
Quarter acre = 11000 sq. ft.
One-third acre = 14000 sq. ft.
Half acre = 22000 sq. ft.
Three-quarters acre = 33000 sq. ft.
One acre = 44000 sq. ft.

2980 _____ Square feet
OR
2990 _____ Feet by
3000 _____ feet
OR
3010 _____ Whole acres
0 ☐ Don't know — *Ask item 88b*

MARK OR ASK —
b. Is it more than 10 acres? 3020 1 ☐ Yes 2 ☐ No

c. Is there a commercial establishment on the property? 3030 1 ☐ Yes 2 ☐ No

d. Is there a medical or dental office on the property? 3040 1 ☐ Yes 2 ☐ No

e. How much do you think the mobile home would sell for on today's market?
(Do not include the value of the land.) 3100 $ _____ . 00

f. Do you own the land? 3140 1 ☐ Yes 2 ☐ No — *Skip to item 89a*

g. How much do you think the land would sell for on today's market? 3150 $ _____ . 00

89a. Is a garage or carport included with your home? ~611↓
2520 1 ☐ Yes — *Skip to item 90* 2 ☐ No

b. Is an offstreet parking space included? 2530 1 ☐ Yes 2 ☐ No

90. Is the ownership of the (house/apartment) shared with anyone NOT living here? 3180 1 ☐ Yes 2 ☐ No

91. Does anyone not living here pay some of the mortgage or utility costs? 3190 1 ☐ Yes 2 ☐ No

The next questions are about mortgages or other loans, such as Home Equity Loans, that are secured by the property. You may check your records if you wish.

92. Is there a mortgage or other loan on this (house/apartment)?
(Include "Land contracts" and other loans SECURED BY THE PROPERTY.)
3200 1 ☐ Yes 2 ☐ No — *(If response to item 91 was "Yes", probe to see if there is a mortgage.) Skip to item 98a, page 23*

93. Did you get your mortgage through a State or local government program that provides lower cost mortgages? 3210 1 ☐ Yes 2 ☐ No

94. Check Item *(See Control Card Items 13 and 17.)*

☐ Respondent is an owner or owner's spouse — *Ask item 95, page 21*
☐ Respondent is not an owner or owner's spouse — *Callback required — mark item 9, page 1; then skip to item 98a, page 23*

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED — Continued

98a. Check Item *(See item 23, page 3.)*

☐ Mobile home either one-unit or two-or-more units — *Skip to item 101a*
☐ Not a mobile home — *Go to item 98b*

b. Check Item *(See item 25a, page 3.)*

☐ Condominium or cooperative — *Ask item 99a*
☐ All others — *Skip to item 103a, page 24*

99a. What were the real estate taxes last year for the (condominium/cooperative) unit?
(Include school taxes, special assessments, and any other real estate taxes.)
(Exclude taxes past due from other years.)
(Subtract any rebates.)
3520 $ _____ .00

b. Did you receive a real estate property tax rebate last year?
3524 1☐ Yes
2☐ No — *Skip to item 100a*

c. What was the amount of the property tax rebate?
3526 $ _____ .00

100a. Is there a required (condominium/cooperative) association fee?
3570 1☐ Yes
2☐ No — *Skip to item 109a, page 25*

b. How many times a year is the fee due?
3580 _____ Times per year
12☐ Monthly

c. What is the average cost each *(Billing period)*?
3590 $ _____ .00 *Skip to item 109a, page 25*

101a. On the mobile home (- - - -/and its lot) last year, what was the total cost of — property and real estate taxes, registration fees, and licenses fees?
(Include all connecting owned land. Include school taxes, special assessment, and any other real estate taxes.)
(Exclude taxes past due from other years.)
(Subtract any rebates.)
3520 $ _____ .00

b. Did you receive a real estate property tax rebate last year?
3524 1☐ Yes
2☐ No — *Skip to item 102a, page 24*

c. What was the amount of the property tax rebate?
3526 $ _____ .00

Notes

REGULAR OCCUPIED — Continued

102a. Check Item *(See item 88f, page 20.)*

☐ Land is owned — *Skip to item 102f*
☐ Land is NOT owned — *Go to item 102b*

b. Check Item *(See item 92, page 20.)*

☐ Yes, mortgage — *Ask item 102c*
☐ No mortgage — *Skip to item 102d*

c. Earlier you told me you do not own the land. Do you pay separate rent for the land?
-6 11 †
2511 1☐ Yes
2☐ No — *Skip to item 102f*

d. How many times a year is the land rent due?
2512 _____ Times per year
12☐ Monthly

e. What is the cost each *(Billing period)*?
2513 $ _____ .00
0☐ No cash rent
9997☐ Included in mobile home park fee or association fee

f. (- - - -/In addition to the land rent), do you pay any (- - - -/additional) mobile home park fee?
3550 1☐ Yes
2☐ No — *Skip to item 102i*

g. How many times a year is the fee due?
3555 _____ Times per year
12☐ Monthly

h. What is the average cost each *(Billing period)*?
3600 $ _____ .00

i. Are there (any/any other) required fees for utility hookups, mobile home association fees, and so forth?
-6 11 †
2517 1☐ Yes
2☐ No — *Skip to item 109a, page 25*

j. How many times a year are the fees due?
2518 _____ Times per year
12☐ Monthly

k. What is the average cost each *(Billing period)* **for those fees?**
2519 $ _____ .00 — *Skip to item 109a, page 25*

103a. What were the real estate taxes last year for this home and its land?
(Include all connecting owned land. If multi-unit building, estimate share for sample unit. Include school taxes, special assessments, and any other real estate taxes.)
(Exclude taxes past due from other years.)
(Subtract any rebates.)
3520 $ _____ .00

b. Did you receive a real estate property tax rebate last year?
3524 1☐ Yes
2☐ No — *Skip to item 105a*

c. What was the amount of the property tax rebate?
3526 $ _____ .00

104. WASHINGTON USE ONLY

105a. Is there a required homeowner's association fee?
3570 1☐ Yes
2☐ No — *Skip to item 106*

b. How many times a year is the fee due?
3580 _____ Times
12☐ Monthly

c. What is the average cost each *(Billing period)*?
3590 $ _____ .00 — *Skip to item 109a, page 25*

106. In some parts of the country, people own their homes but rent the land. Do you pay rent for the land?
3610 1☐ Yes
2☐ No — *Skip to item 109a, page 25*

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED — Continued

95. How many mortgages are there now on the home/property?

3220 _____ Number of mortgages

	FIRST (MORTGAGE/LOAN)	SECOND (MORTGAGE/LOAN)
96a. Did you get the current (first/second) mortgage the same year you bought your home?	~ 6 18 ↑ 3230 1 ☐ Yes 2 ☐ No — *Skip to item 96e*	~ 6 19 ↑ 3230 1 ☐ Yes 2 ☐ No — *Skip to item 96e*
b. With regard to the (first/second) mortgage, did you get a new mortgage or did you assume someone else's mortgage?	3240 1 ☐ New — *Skip to item 96f* 2 ☐ Assumed 3 ☐ Wrap-around — *Skip to item 96f*	3240 1 ☐ New — *Skip to item 96f* 2 ☐ Assumed 3 ☐ Wrap-around — *Skip to item 96f*
c. How much was left to pay off when you assumed it?	3250 $ _____ .00	3250 $ _____ .00
d. How many years remained on the mortgage then?	3260 _____ Years — *Skip to item 96i*	3260 _____ Years — *Skip to item 96i*
e. What year did you get the mortgage?	3280 1 9 ☐☐ Year	3280 1 9 ☐☐ Year
f. When you first obtained THIS mortgage, how many years was it for?	3290 _____ Years — *If less than 15, ask item 96g; if 15 or more, skip to item 96h* 0 ☐ Can vary — *Ask item 96g*	3290 _____ Years — *If less than 15, ask item 96g; if 15 or more, skip to item 96h* 0 ☐ Can vary — *Ask item 96g*
g. At your current payments, how long would it take to pay off the loan?	3300 _____ Years	3300 _____ Years
h. How much was borrowed?	3310 $ _____ .00	3310 $ _____ .00
i. Does this mortgage cover —		
(1) Other homes or apartments besides this one?	3320 1 ☐ Yes — *Skip to item 96j* 2 ☐ No	3320 1 ☐ Yes — *Skip to item 96j* 2 ☐ No
(2) Farm land?	3330 1 ☐ Yes — *Skip to item 96j* 2 ☐ No	3330 1 ☐ Yes — *Skip to item 96j* 2 ☐ No
(3) A business on this property?	3340 1 ☐ Yes 2 ☐ No — *Skip to item 96k*	3340 1 ☐ Yes 2 ☐ No — *Skip to item 96k*
j. How much of the (Amount in item 96c or h) applies just to your home?	3350 $ _____ .00	3350 $ _____ .00
k. What is the current interest rate on the mortgage? *(Annual percentage rate.)* *(Round down to nearest 1/4.)*	3360 _____ Whole number; Plus Fraction 3370 0 ☐ No fraction 2 ☐ 1/2 1 ☐ 1/4 3 ☐ 3/4	3360 _____ Whole number; Plus Fraction 3370 0 ☐ No fraction 2 ☐ 1/2 1 ☐ 1/4 3 ☐ 3/4
l. What is the current monthly payment?	3380 $ _____ .00	3380 $ _____ .00
m. Besides principal and interest, does this payment include —		
(1) Property taxes?	3390 1 ☐ Yes 2 ☐ No	3390 1 ☐ Yes 2 ☐ No
(2) Homeowner's insurance?	3400 1 ☐ Yes 2 ☐ No	3400 1 ☐ Yes 2 ☐ No
(3) Anything else?	3410 1 ☐ Yes 2 ☐ No — *Skip to item 96n, page 22*	3410 1 ☐ Yes 2 ☐ No — *Skip to item 96n, page 22*
(4) How much were the other charges last year? *(Do not include property taxes or homeowner's insurance.)*	3420 $ _____ .00	3420 $ _____ .00

FORM AHS-22 (5-23-91)

REGULAR OCCUPIED — Continued

	FIRST (MORTGAGE/LOAN)	SECOND (MORTGAGE/LOAN)
96n. Is the mortgage an FHA, a VA, a Farmer's Home Administration, or some other type?	~ 6 18 ↑ 3430 1 ☐ FHA (Federal Housing Administration) 2 ☐ VA (Veterans' Administration) 3 ☐ Farmer's Home Administration — *Go to item 96s* (*Skip to item 96q*) 4 ☐ Some other type 5 ☐ Don't know	~ 6 19 ↑ 3430 1 ☐ FHA (Federal Housing Administration) 2 ☐ VA (Veterans' Administration) 3 ☐ Farmer's Home Administration — *Go to item 96s* (*Skip to item 96q*) 4 ☐ Some other type 5 ☐ Don't know
o. Did you borrow the money from a bank or other organization, OR did you borrow it from an individual?	3440 1 ☐ Bank or other organization — *Skip to item 96q* 2 ☐ Individual	3440 1 ☐ Bank or other organization — *Skip to item 96q* 2 ☐ Individual
p. Was that the former owner of the home?	3450 1 ☐ Yes 2 ☐ No	3450 1 ☐ Yes 2 ☐ No
q. Are the payments on this loan the same during the whole length of the mortgage?	3460 1 ☐ Yes — *Skip to item 96s* 2 ☐ No	3460 1 ☐ Yes — *Skip to item 96s* 2 ☐ No
r. How do they change? *(Mark (X) all that apply.)*	3470 1 ☐ Change in taxes or insurance, or due to decline in principal balance → **Do they change for any other reason?** ☐ Yes — *Mark box 2, 3, 4, 5 and/or 7* ☐ No — *Go to item 96s* 2 ☐ Change based on interest rates 3 ☐ Rise at fixed schedule during part of loan 4 ☐ Rise at fixed schedule during whole length of loan 5 ☐ Last payment biggest 7 ☐ Other — *Specify* → *(If box 5 marked above ask)* → **Of the total amount you borrowed, what percentage will have to be paid off in this last payment? —** 3480 1 ☐ 1–25 percent 2 ☐ 26–50 3 ☐ 51–75 4 ☐ 76–100	3470 1 ☐ Change in taxes or insurance, or due to decline in principal balance → **Do they change for any other reason?** ☐ Yes — *Mark box 2, 3, 4, 5 and/or 7* ☐ No — *Go to item 96s* 2 ☐ Change based on interest rates 3 ☐ Rise at fixed schedule during part of loan 4 ☐ Rise at fixed schedule during whole length of loan 5 ☐ Last payment biggest 7 ☐ Other — *Specify* → *(If box 5 marked above ask)* → **Of the total amount you borrowed, what percentage will have to be paid off in this last payment? —** 3480 1 ☐ 1–25 percent 2 ☐ 26–50 3 ☐ 51–75 4 ☐ 76–100
s. Check item *(See item 95, page 21.)*	☐ One mortgage — *Skip to item 98a, page 23* ☐ Two or more mortgages — *Go back to item 96a, page 21*	☐ Only two mortgages — *Skip to item 98a, page 23* ☐ Three or more mortgages — *Ask item 97a*
97a. For the (third mortgage/other mortgages), how much did you borrow?	~ 6 11 ↑ 3490 $ _____ .00	
b. What is your current monthly payment for the (third mortgage/other mortgages)?	3500 $ _____ .00	

FORM AHS-22 (5-23-91)

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED — Continued

107. Check Item *(See item 92, page 20.)*
☐ Yes, mortgage — *Ask item 108a*
☐ No mortgage — *Skip to item 108b*

108a. Is the land rent included with the mortgage payment? 3620 1 ☐ Yes — *Skip to item 109a* 2 ☐ No

b. How many times a year is the land rent due? 3630 _____ Times per year 12 ☐ Monthly

c. What does it cost each time? 3640 $ _____ .00

109a. Does this household have (homeowner's/household property) insurance? 3650 1 ☐ Yes 2 ☐ No — *Skip to item 110*

b. In the past 12 months what was the total cost? 3660 $ _____ .00

110. Now I have some questions about the costs for electricity, gas, and other utilities for your home (this unit). Because accurate costs are important it will help if you would look up the amounts in your checkbook or other records.
(Respondent may also use amounts entered in the respondent letter. If 2 or more utilities are billed together, try to obtain the costs for each one separately.)

a. (1) Do you have any records available showing your costs for electricity, SEPARATE FROM OTHER UTILITIES?
(Mark "No" if records available, but separate costs not shown.)
☐ Yes — *Ask item 110a(2)*
☐ No — *Skip to item 110a(4)*

(2) From your records, what were the costs for electricity for the months of —
(Read month and appropriate year categories.)
(Do not include cents.)

- 6 12 †	Costs	Month	Year
3664	$ _____ .00	January	19 ____
3665	$ _____ .00	April	19 ____
3666	$ _____ .00	August	19 ____
3667	$ _____ .00	December	19 ____

(3) Check Item
☐ Electricity costs entered for 2 or more months — *Skip to item 110b(1)*
☐ Electricity costs entered for 1 month or none — *Ask item 110a(4)*

(4) In the past 12 months what was the average MONTHLY cost for electricity? 3670 $ _____ .00 *(Average MONTHLY cost)*
OR
3680 1 ☐ Electricity not used
2 ☐ Included in rent, site rent, condominium, or other fee, etc.
3 ☐ Obtained free

(If "All electric home," mark the "No" box without asking.)
b. (1) Do you use gas? ☐ Yes 3700 1 ☐ No — *Skip to item 110d*

(2) Is the gas from underground pipes or bottled gas? 3720 1 ☐ Underground pipes serving neighborhood 2 ☐ Bottled gas — *Skip to item 110c(4), page 26*

c. (1) Do you have any records available showing your costs for gas, SEPARATE FROM OTHER UTILITIES?
(Mark "No" if records available, but separate costs not shown.)
☐ Yes — *Ask item 110c(2)*
☐ No — *Skip to item 110c(4), page 26*

(2) From your records, what were the costs for gas for the months of —
(Read month and appropriate year categories.)
(Do not include cents.)

- 6 12 †	Costs	Month	Year
3684	$ _____ .00	January	19 ____
3685	$ _____ .00	April	19 ____
3686	$ _____ .00	August	19 ____
3687	$ _____ .00	December	19 ____

(3) Check Item *(See item 110c(2).)*
☐ Gas costs entered for 2 or more months — *Skip to item 110d, page 26*
☐ Gas costs entered for 1 month or none — *Ask item 110c(4), page 26*

REGULAR OCCUPIED — Continued

110c. (4) In the past 12 months what was the average MONTHLY cost for gas?
(1) 3690 $ _____ .00 *(Average MONTHLY cost)* OR →
OR
3700 2 ☐ Included in rent, site rent, condominium, or other fee, etc.
3 ☐ Obtained free
(2) Billed with — *(Mark (X) all that apply.)*
3710 * 1 ☐ Electricity 2 ☐ Fuel oil 3 ☐ Other fuel 4 ☐ Garbage and trash 5 ☐ Water and sewage

(If "All electric home," mark the "Not used" box without asking.)
d. In the past 12 months what was the total ANNUAL cost for fuel oil?
3730 $ _____ .00 *(ANNUAL cost)* OR →
OR
3740 1 ☐ Not used
2 ☐ Included in rent, site rent, condominium, or other fee, etc.
3 ☐ Obtained free
Billed with — *(Mark (X) all that apply.)*
3750 * 1 ☐ Electricity 2 ☐ Gas 3 ☐ Other fuel 4 ☐ Garbage and trash 5 ☐ Water and sewage

e. In the past 12 months what was the total ANNUAL cost for wood, coal, kerosene, or any other fuel?
3760 $ _____ .00 *(ANNUAL cost)* OR →
OR
3770 1 ☐ Not used
2 ☐ Included in rent, site rent, condominium, or other fee, etc.
3 ☐ Obtained free
Billed with — *(Mark (X) all that apply.)*
3780 * 1 ☐ Electricity 2 ☐ Gas 3 ☐ Fuel oil 4 ☐ Garbage and trash 5 ☐ Water and sewage

f. In the past 12 months what was the total ANNUAL cost for garbage and trash collection?
3790 $ _____ .00 *(ANNUAL cost)* OR →
OR
3800 1 ☐ Not used
2 ☐ Included in real estate taxes, rent, site rent, condominium, or other fee, etc.
3 ☐ Obtained free
Billed with — *(Mark (X) all that apply.)*
3810 * 1 ☐ Electricity 2 ☐ Gas 3 ☐ Fuel oil 4 ☐ Other fuel 5 ☐ Water and sewage

g. In the past 12 months what was the total ANNUAL cost for water supply and sewage disposal?
3820 $ _____ .00 *(ANNUAL cost)* OR →
OR
3830 2 ☐ Included in real estate taxes, rent, site rent, condominium, or other fee, etc.
3 ☐ Obtained free
Billed with — *(Mark (X) all that apply.)*
3840 * 1 ☐ Electricity 2 ☐ Gas 3 ☐ Fuel oil 4 ☐ Other fuel 5 ☐ Garbage and trash

Notes

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED — Continued

111a. How many automobiles are kept at home for use by members of your household? Exclude vans or trucks. [-611†] [3850] _____ Number; 0 ☐ None

b. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household? [3860] _____ Number; 0 ☐ None

112a. Check Item *(See Control Card Items 13, 14, and 18.)*
- ☐ Nonrelative household members age 14 + in household — *Go to item 112b*
- ☐ All others — *Skip to Item 114, page 28*

b. Check Item *(See Control Card Items 13, 17, and 18.)*
- ☐ All nonrelatives age 14 + are co-owners/co-renters (in Control Card item 17) — *Skip to Item 114, page 28*
- ☐ All others — *Go to Item 112c*

c. Check Item *(See Control Card Items 13, 17, and 18.)*
- ☐ Remaining nonrelatives age 14 + are spouse or child(ren) of co-owner or co-renter — *Skip to Item 114, page 28*
- ☐ All others — *Ask Item 113a – d for each nonrelative age 14 + who is not a co-owner or co-renter*

113. *Enter line number* →	[-620†] [3880] Line number	[-621†] [3880] Line number	[-622†] [3880] Line number	[-623†] [3880] Line number
a. Does . . . pay a regular fixed rent as a lodger to someone in this household?	[3890] 1 ☐ Yes; 2 ☐ No — *Skip to next nonrelative; if no other nonrelative, skip to item 114, page 28.*	[3890] 1 ☐ Yes; 2 ☐ No — *Skip to next nonrelative; if no other nonrelative, skip to item 114, page 28.*	[3890] 1 ☐ Yes; 2 ☐ No — *Skip to next nonrelative; if no other nonrelative, skip to item 114, page 28.*	[3890] 1 ☐ Yes; 2 ☐ No — *Skip to next nonrelative; if no other nonrelative, skip to item 114, page 28.*
b. How often is . . .'s rent due?	[3900] _____ Times/year; 12 ☐ Monthly	[3900] _____ Times/year; 12 ☐ Monthly	[3900] _____ Times/year; 12 ☐ Monthly	[3900] _____ Times/year; 12 ☐ Monthly
c. How much is the rent?	[3910] $_____ . [00]	[3910] $_____ . [00]	[3910] $_____ . [00]	[3910] $_____ . [00]
d. Does that include food?	[3920] 1 ☐ Yes; 2 ☐ No	[3920] 1 ☐ Yes; 2 ☐ No	[3920] 1 ☐ Yes; 2 ☐ No	[3920] 1 ☐ Yes; 2 ☐ No
e.	*Go to next nonrelative; if none, go to item 114, page 28.*	*Go to next nonrelative; if none, go to item 114, page 28.*	*Go to next nonrelative; if none, go to item 114, page 28.*	*Go to next nonrelative; if none, go to item 114, page 28.*

Notes

FORM AHS-22 (6-23-91)

REGULAR OCCUPIED — Continued

(Enter line number for reference person and all household members age 14 + RELATED TO REFERENCE PERSON by blood, marriage, or adoption.) [-624†]

114. One of the main housing problems today is the total cost of housing compared to income. The next few questions are about income.

In the past 12 months, how much did . . . earn in wages, salaries, tips, and commissions before deductions?

	Line No.		Amount
[3940]	[ ][ ]	[3950]	$_____ . [00]; 0 ☐ None
[3960]	[ ][ ]	[3970]	$_____ . [00]; 0 ☐ None
[3980]	[ ][ ]	[3990]	$_____ . [00]; 0 ☐ None
[4000]	[ ][ ]	[4010]	$_____ . [00]; 0 ☐ None
[4020]	[ ][ ]	[4030]	$_____ . [00]; 0 ☐ None
[4040]	[ ][ ]	[4050]	$_____ . [00]; 0 ☐ None
[4060]	[ ][ ]	[4070]	$_____ . [00]; 0 ☐ None
[4080]	[ ][ ]	[4090]	$_____ . [00]; 0 ☐ None
[4100]	[ ][ ]	[4110]	$_____ . [00]; 0 ☐ None
[4120]	[ ][ ]	[4130]	$_____ . [00]; 0 ☐ None

Notes

FORM AHS-22 (6-23-91)

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED — Continued

115a. **In the past 12 months did . . ., . . ., or . . .** *(Specify names for line numbers in item 114)* —

~ 811 †

(1) have a business, farm, or ranch?	4140	1 ☐ Yes	2 ☐ No
(2) receive Social Security or pensions? *(Do not count SSI checks as Social Security.)*	4160	1 ☐ Yes	2 ☐ No
(3) receive any interest or dividend income of $400 or more?	4170	1 ☐ Yes	2 ☐ No
(4) receive rental income?	4180	1 ☐ Yes	2 ☐ No
(5) receive welfare or SSI?	4190	1 ☐ Yes	2 ☐ No
(6) receive alimony or child support?	4210	1 ☐ Yes	2 ☐ No
(7) receive unemployment or worker's compensation or any other income?	4220	1 ☐ Yes	2 ☐ No

If all "No," skip to item 115c

b. **In the past 12 months what was the total income from** *(Sources marked "Yes" in item 115a)* **(- - - -/after deducting expenses and losses from business/farm/ranch and/or rental income)?**

4230 $ _____ . 00 Total income after deducting expenses and losses

OR

☐ Verified that identical amounts in items 114 and 115b are not duplicate amounts

4240 $ _____ . 00 Amount of total net loss

OR

0 ☐ None or broke even

c. **Is your total family income THIS MONTH about the same as it was a year ago?**

4244 1 ☐ Yes *(about the same, or within 10 percent, or just cost of living adjustments) — Skip to item 116*

2 ☐ No

d. **What do you expect your total family income to be in the NEXT 12 MONTHS?**

4246 $ _____ . 00

116. Check Item *(See items 114 and 115b.) (Mark (X) first box that applies.)*

☐ Total income over $25,000 — *Skip to item 118a, page 30*
☐ Income $25,000 or less — *Skip to item 117b, page 30*
☐ Income is refused, NA, or DK — *Ask item 117a, page 30*

Notes

FORM AHS-22 (5-23-91)

REGULAR OCCUPIED — Continued

117a. **Was (your/their) total income over $25,000?**

4250 1 ☐ Yes — *Skip to item 118a*
2 ☐ No

b. **Did . . ., . . ., or . . .** *(Specify names for line numbers in item 114)* **receive Food Stamps in the past 12 months?**

4260 1 ☐ Yes
2 ☐ No

c. **Does . . ., . . ., or . . .** *(Specify names for line numbers in item 114)* **have** —

(1) savings?	4270	1 ☐ Yes	2 ☐ No
(2) investments in a farm or business?	4280	1 ☐ Yes	2 ☐ No
(3) other investments? *(Exclude THIS home.)*	4290	1 ☐ Yes	2 ☐ No

If all "No," skip to item 118a

d. **Is the total amount of savings and investments over $25,000?**

4300 1 ☐ Yes
2 ☐ No

118a. Check Item *(See Control Card item 8b.)*

☐ Owned — *Skip to item 120a, page 32*
☐ Rented or no cash rent — *Go to item 118b*

b. Check Item *(See item 23, page 3.)*

☐ One-unit building or one-unit mobile home — *Skip to item 119b*
☐ Two-or-more-unit building or two-or-more-unit mobile home — *Ask item 119a*

119a. **Does either the owner or a resident manager live in this (building/complex)?** *(Exclude staff who do only maintenance.)*

4400 1 ☐ Yes
2 ☐ No

b. **What is the owner's name and address?**

If don't know, ask —
Where do you send your rent?

~ 817 †

Name *(Please print)*

Address *(Number, street)*

City State ZIP Code

Title: 1 ☐ Owner 2 ☐ Other

Location: 1 ☐ Home 2 ☐ Office

c. **What is the (owner's/office's) telephone number?**

Area code Number Extension

1 ☐ Home
2 ☐ Business

Notes

FORM AHS-22 (5-23-91)

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

Notes

REGULAR OCCUPIED — Continued

120a. Did *(Specify names of all household members age 14 +)* **work at any time last week?** *If "Yes," list line number.*

(Do NOT count persons who were absent from work all last week due to illness, vacation, strike, layoff, etc., as having worked.)

~ 6 2 6 j

4440 00☐ No workers — *Skip to item 121a, page 34*

4440 ☐☐ Line number

b. Did . . . usually report to the same location to begin work each day?

4445 1☐ Yes
2☐ No

c. In what city and State did . . . work last week?

(Enter 2 character State code from flashcard.)

4450 0☐ Outside U.S. — *Skip to item 120l*

City or place ☐☐☐☐☐☐☐☐☐☐☐☐

State ☐☐

d. OFFICE USE ONLY

e. Is . . .'s place of work inside the incorporated limits of *(City above)?*

4480
1☐ Yes
2☐ No or not incorporated place
3☐ Don't know

f. OFFICE USE ONLY

g. How did . . . usually get to work last week?

(Mark item that accounted for greatest distance to location of job at which person worked most hours last week.)

4500 1☐ Car, truck, van — **Did . . . drive alone or go with others?**

4510
2☐ Alone — *Skip to item 120i*
3☐ Go with others — *Ask item 120h*

4500
4☐ Bus or streetcar . .
5☐ Subway or elevated
6☐ Railroad . . . . . .
7☐ Taxicab . . . . . .
8☐ Motorcycle . . . . . .
9☐ Bicycle . . . . . .
10☐ Other vehicle . . . .
11☐ Walked only . . . . .
} *Skip to item 120i*

12☐ Works at home — *Skip to item 120l*

h. How many people including . . . usually ride in the (car/truck/van)?

4520 _____ Number

i. How many minutes did it usually take . . . to get to work?

4530 _____ Minutes

00☐ Work place varies

j. What time did . . . usually leave for work?

Hours ☐☐ Minutes ☐☐

4540

4550 1☐ a.m. 2☐ p.m.

k. How many miles was . . .'s trip to work?

4560 _____ Miles

0☐ Less than 1 mile

l.

Go to next worker; if none, go to item 121a, page 34

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED — Continued

~6 26↑	~6 27↑	~6 28↑
4440 ☐☐ Line number	4440 ☐☐ Line number	4440 ☐☐ Line number
4445 1☐ Yes 2☐ No	4445 1☐ Yes 2☐ No	4445 1☐ Yes 2☐ No
4450 0☐ Outside U.S. — *Skip to item 120l*	4450 0☐ Outside U.S. — *Skip to item 120l*	4450 0☐ Outside U.S. — *Skip to item 120l*
City or place	City or place	City or place
State	State	State
4460 1☐ Yes 2☐ No or not incorporated place 3☐ Don't know	4460 1☐ Yes 2☐ No or not incorporated place 3☐ Don't know	4460 1☐ Yes 2☐ No or not incorporated place 3☐ Don't know
4500 1☐ Car, truck, van	4500 1☐ Car, truck, van	4500 1☐ Car, truck, van
Did . . . drive alone or go with others?	**Did . . . drive alone or go with others?**	**Did . . . drive alone or go with others?**
4510 2☐ Alone — *Skip to item 120i* 3☐ Go with others — *Ask item 120h*	4510 2☐ Alone — *Skip to item 120i* 3☐ Go with others — *Ask item 120h*	4510 2☐ Alone — *Skip to item 120i* 3☐ Go with others — *Ask item 120h*
4500 4☐ Bus or streetcar 5☐ Subway or elevated 6☐ Railroad 7☐ Taxicab 8☐ Motorcycle 9☐ Bicycle 10☐ Other vehicle 11☐ Walked only } *Skip to item 120i*	4500 4☐ Bus or streetcar 5☐ Subway or elevated 6☐ Railroad 7☐ Taxicab 8☐ Motorcycle 9☐ Bicycle 10☐ Other vehicle 11☐ Walked only } *Skip to item 120i*	4500 4☐ Bus or streetcar 5☐ Subway or elevated 6☐ Railroad 7☐ Taxicab 8☐ Motorcycle 9☐ Bicycle 10☐ Other vehicle 11☐ Walked only } *Skip to item 120i*
12☐ Works at home — *Skip to item 120l*	12☐ Works at home — *Skip to item 120l*	12☐ Works at home — *Skip to item 120l*
4520 _____ Number	4520 _____ Number	4520 _____ Number
4530 _____ Minutes 00☐ Work place varies	4530 _____ Minutes 00☐ Work place varies	4530 _____ Minutes 00☐ Work place varies
Hours Minutes	Hours Minutes	Hours Minutes
4540 ☐☐ ☐☐	4540 ☐☐ ☐☐	4540 ☐☐ ☐☐
4550 1☐ a.m. 2☐ p.m.	4550 1☐ a.m. 2☐ p.m.	4550 1☐ a.m. 2☐ p.m.
4560 _____ Miles 0☐ Less than 1 mile	4560 _____ Miles 0☐ Less than 1 mile	4560 _____ Miles 0☐ Less than 1 mile
Go to next worker; if none, go to item 121a, page 34	*Go to next worker; if none, go to item 121a, page 34*	*Go to next worker; if none, go to item 121a, page 34*

FORM AHS-22 (6-23-91)

REGULAR OCCUPIED — Continued

121a. Check Item *(See Item 3, page 1.)*

☐ Control number in sample last enumeration period — *Go to Item 121b*
☐ Control number in sample for first time this enumeration period — *Skip to Item 123a, page 35*

b. Check Item *(See Item 5, page 1.)*

☐ Same house/apartment/mobile home as last enumeration period — *Go to Item 121c*
☐ Different house/apartment/mobile home from last enumeration period — *Skip to Item 123a, page 35*

c. Check Item *(See Control Card Item 9c.)*
Unit was a noninterview in 1985, 1987, and 1989

☐ Yes — *Skip to Item 123a, page 35*
☐ No — *Ask Item 122a*

122a. Since 1989, has there been a change in the amount of living space in this (house/apartment) because of putting on an addition, finishing an attic, or converting a garage to living space?
(Do not count finishing a basement.)

~6 11↑
4570 1☐ Yes — *Ask item 122b*
2☐ No — *Skip to item 177a, page 49*

b. How many square feet of living space were added or lost?
(If dimensions given, record dimensions.)

ADDITION
4580 _____ Square feet
(_____ X _____ dimensions)

LOSS
4590 _____ Square feet
(_____ X _____ dimensions)

4580 0☐ Don't know

c. INSTRUCTION — *SKIP TO ITEM 177a, PAGE 49.*

Notes

FORM AHS-22 (6-23-91)

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED — Continued

123a. **Housing size is important for analysis of other information from this survey. How many square feet are there in this (house/apartment)? (Include basements and finished attics. Exclude unfinished attics, carports, and attached garages. Also exclude porches that are not protected from the elements/- - - -.)**

(- - - -/Exclude the mobile home hitch.)

~ 6 11 †

4600 _____ Square feet — *Skip to item 177a, page 49*

0 ☐ Don't know — *Ask item 123b*

b. **How many (floors/ stories) are there in this (house/apartment)? (Include basements and finished attics / - - - -.)**

(In apartments, floors refers only to the apartment itself.)

4610 _____ Number

c. *MARK OR ASK —* **Is the (house/apartment) a split level?**

4620 1 ☐ Yes
2 ☐ No

d. **What is the length and width of each floor of the (house/apartment)? (Include basements and finished attics. Exclude unfinished attics, carports, and attached garages. Also exclude porches that are not protected from the elements/- - - -.)**

(- - - -/Exclude the mobile home hitch.)

(Record dimensions of each room separately, if respondent is unable to give dimensions for the total floor size.)

	Rectangles or squares							
	First (a)		Second (b)		Third (c)		Fourth (d)	
	Length	Width	Length	Width	Length	Width	Length	Width
Basement								
1st floor of unit . . .								
2nd floor of unit . . .								
3rd floor of unit . . .								
4th floor of unit . . .								

4640 0 ☐ Don't know — *Skip to item 177a, page 49*

e. SKETCH *(If enough information is available, draw sketch of sample unit below.)*

OFFICE USE ONLY 4640 _____ Square feet

f. INSTRUCTION — *SKIP TO ITEM 177a, PAGE 49.*

FORM AHS-32 (5-23-91)

URE INTERVIEWS

~ 6 61 †

MARK OR ASK —

124. **Are the living quarters in a —**

(Read all answer categories.)

1120
1 ☐ **one-unit mobile home** — *Skip to item 127 and mark box "4"*
2 ☐ **one-unit building, detached from any other building** — *Skip to item 127 and mark box "1"*
3 ☐ **one-unit building, attached to one or more buildings** — *Skip to item 126a*
4 ☐ **building/mobile home with two or more apartments?** — *Skip to item 125b*

125a. **WASHINGTON USE ONLY**

b. **How many apartments are in the (building/mobile home)?**

1140 _____ Number — *Skip to item 127 and mark box "3" or "5"*

126a. **Does the (house/apartment) share an attic or basement with the (house/apartment) next door?**

1150
1 ☐ Yes
2 ☐ No . . . . . } *Skip to item 126c*
3 ☐ Don't know

b. **How many (houses/apartments) including this one share the attic or basement?**

1160 _____ Number — *If one, reask item 126a and correct entry.*
If more than one, skip to item 127 and mark box "3".

c. **Does the (house/apartment) share a furnace or boiler with the (house/apartment) next door?**

1170
1 ☐ Yes
2 ☐ No . . . . . } *Skip to item 127 and mark box "2"*
3 ☐ Don't know

d. **How many (houses/apartments) including this one share the furnace or boiler?**

1180 _____ Number — *If one, reask item 126c and correct entry.*
If more than one, skip to item 127 and mark box "3".

e. **WASHINGTON USE ONLY**

f. **WASHINGTON USE ONLY**

127. Check Item

Final structure type classification based on entries in items 124—126

1210
1 ☐ One-unit building — detached
2 ☐ One-unit building — attached
3 ☐ Two-or-more-unit building . . . . . } *Skip to item 129a*
4 ☐ Mobile home — one unit . . . . . }
5 ☐ Mobile home — two-or-more units

128. **Is the house built —**

(Read answer categories until a "Yes" reply is received.)

1220
1 ☐ **with a basement under all the building?**
2 ☐ **with a basement under part of the building?**
3 ☐ **with a crawl space?**
4 ☐ **on a concrete slab?**
5 ☐ **in some other way?** — *Specify*

129a. **Is the (house/apartment) part of a condominium or cooperative?**

1230
3 ☐ No . . . . . } *Skip to item 130a, page 37*
2 ☐ Yes, condominium
1 ☐ Yes, cooperative

b. **To the Census Bureau, a cooperative is property which is owned by a corporation. Each shareholder is entitled to occupy an individual unit. Is this what you mean when you say this is a cooperative?**

☐ Yes
☐ No — *Reask item 129a and correct entry*

Notes

FORM AHS-32 (5-23-91)

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

URE INTERVIEWS — Continued

130a. How many of each of the following rooms does the (house/apartment) have?
(For a one-room efficiency or studio apartment, enter "1" for living room, enter the correct number of bathrooms, and mark "none" for all other rooms.)

(1) Bedrooms? 1240 _____ Number; 0 ☐ None

(2) How many full bathrooms with hot and cold piped water, AND a sink, AND a flush toilet, AND a bathtub or shower? 1250 _____ Number; 0 ☐ None

(3) How many half bathrooms? *(Toilet OR bathtub OR shower)* 1260 _____ Number; 0 ☐ None

(4) Kitchens? 1270 _____ Number; 0 ☐ None

(5) Living rooms? 1280 _____ Number; 0 ☐ None

(6) Separate dining rooms? 1290 _____ Number; 0 ☐ None

b. Are there any other rooms?
(Exclude halls, foyers, pantries, garages, porches or areas that aren't separated by a built-in, floor-to-ceiling wall extending at least a few inches into room.)
1300 1 ☐ Yes; 2 ☐ No — *Skip to item 130d*

c. What are they?
(Complete all 3 parts.)
1310 _____ Number of family rooms, dens, recreation rooms, and/or libraries; 0 ☐ None
1320 _____ Number of rooms that are business space with direct access to outside; 0 ☐ None
1330 _____ Number of other rooms, finished or unfinished; 0 ☐ None

d. Are there any mobile homes or buildings on this (property/site) other than this one?
(Use site if unit is a mobile home in a mobile home park.)
1332 1 ☐ Yes; 2 ☐ No — *Skip to item 131, page 38*

e. (Is it a/Are they) —
(1) mobile home(s)? 1334 1 ☐ Yes; 2 ☐ No
(2) garage(s)? 1336 1 ☐ Yes; 2 ☐ No
(3) some other type of building(s)? 1338 1 ☐ Yes; 2 ☐ No

f. Check Item *(See item 130e.)*
☐ Unit has mobile home on property — *Ask item 130g*
☐ Unit does not have mobile home on property — *Skip to item 130h*

g. What is the model year of each mobile home?
1341 1 9 ☐ ☐
1342 1 9 ☐ ☐
1343 1 9 ☐ ☐
1344 1 9 ☐ ☐
1345 1 9 ☐ ☐

h. Are any of the rooms in the *(Read categories marked "Yes" in item 130e)* **lived in enough by members of this household so that they should be counted as part of your living quarters?**
1347 1 ☐ Yes; 2 ☐ No — *Skip to item 131, page 38*

FORM AHS-22 (9-23-91)

URE INTERVIEWS — Continued

130i. Did you include them when you told me how many rooms you had?
1349 1 ☐ Yes — *Skip to item 131*; 2 ☐ No

j. What kinds of rooms are they?
(Specify kinds and number of rooms in item 130h and then include these rooms in the answers to items 130a through c.)
_____

131. Does the (house/apartment) have a kitchen sink?
(Exclude sink used on a regular basis by someone living outside the unit.)
~ 6 61 †
1340 1 ☐ Yes; 2 ☐ No

132. Check Item *(See item 130a.)*
☐ One or more full bathrooms — *Skip to item 133c*
☐ No full bathrooms — *Ask item 133a*

133a. Does the (house/apartment) have a bathtub or shower for the occupants' use only?
1350 1 ☐ Yes; 2 ☐ No

b. Does the (house/apartment) have a flush toilet for the occupants' use only?
1360 1 ☐ Yes; 2 ☐ No } *Skip to item 134a*

c. (Is the bathroom/Are the bathrooms) for the occupants' use only?
1360 1 ☐ Yes; 2 ☐ No

134a. Is all the wiring in the finished areas of the (house/apartment) concealed either in walls or metal coverings?
(Exclude appliance cords, extension cords, chandelier cords, telephone, antenna, or cable TV wires.)
1390 1 ☐ Yes, concealed; 2 ☐ No; 3 ☐ No electrical wiring — *Skip to item 135a*

b. Does every room have an electric outlet or wall plug that works?
1400 1 ☐ Yes; 2 ☐ No

135a. Does the (house/apartment) have hot and cold piped water?
(Not used on a regular basis by someone outside the unit.)
1470 1 ☐ Yes; 2 ☐ No — *Skip to item 136a*

b. What fuel is used MOST to heat the water?
1480
1 ☐ Electricity
2 ☐ Gas
3 ☐ Fuel oil
4 ☐ Kerosene or other liquid fuel
5 ☐ Coal or coke
6 ☐ Wood
7 ☐ Solar energy
8 ☐ Other — *Specify* _____

136a. Does most of the water for your home used for cooking and drinking come from a public or private system, an individual well, or some other source?
1510
1 ☐ Public or private water system — *Skip to item 136c*
2 ☐ Individual well — *Ask item 136b*
3 ☐ Spring
4 ☐ Cistern
5 ☐ Stream or lake
6 ☐ Bottled water
7 ☐ Other — *Specify* _____
} *Skip to item 137a*

b. Is the well drilled or dug?
1530 1 ☐ Drilled; 2 ☐ Dug

c. Does the (system/well) serve 15 or more houses/apartments?
~ 6 61 †
1520 5 ☐ Yes — *Skip to item 137a*; ☐ No — *Ask item 136d*

d. How many (houses/apartments) does the (system/well) serve?
1520 1 ☐ Only this house/apartment; 2 ☐ 2 to 5; 3 ☐ 6 to 9; 4 ☐ 10 to 14

FORM AHS-22 (9-23-91)

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

URE INTERVIEWS – Continued

137a. Is the (house/apartment) connected to a public sewer?
1540 1 ☐ Yes — *Skip to item 138a*
2 ☐ No

b. What means of sewage disposal does the (house/apartment) have?
1550 1 ☐ Septic tank or cesspool — *Ask item 137c*
2 ☐ Chemical toilet
3 ☐ Outhouse or privy
4 ☐ Other — *Specify* _____
5 ☐ None
Skip to item 138a

c. How many (houses/apartments) are connected to the (septic tank/cesspool)?
1560 1 ☐ One
2 ☐ 2 to 5
3 ☐ 6 or more

138a. Does the (house/apartment) have a refrigerator?
(Exclude ice boxes.)
(Exclude refrigerator used on a regular basis by someone living outside the unit.)
1590 1 ☐ Yes
2 ☐ No — *Skip to item 139a*

b. Is it more than 5 years old?
(Age of newest if two or more.)
1600 1 ☐ Yes
2 ☐ No

139a. Does the (house/apartment) have a garbage disposal in the sink?
1610 1 ☐ Yes
2 ☐ No — *Skip to item 140a*

b. Is it more than 5 years old?
1620 1 ☐ Yes
2 ☐ No

140a. Does the (house/apartment) have a cookstove or range with an oven?
(Include microwaves. Exclude toaster-ovens and portable burners.)
(Exclude stove or oven used on a regular basis by someone living outside the unit.)
1630 1 ☐ Yes — *Skip to item 140c*
2 ☐ No

b. Does the (house/apartment) have —
(1) an oven?
(Include microwaves. Exclude toaster-ovens.)
1840 1 ☐ Yes
2 ☐ No
(2) cooking burners?
(Exclude portable burners.)
1850 1 ☐ Yes
2 ☐ No
If both are "No," skip to item 141a

c. (Is it/Are they) more than 5 years old?
(Age of newest if two or more.)
1660 1 ☐ Yes
2 ☐ No

d. What fuel is used MOST for cooking?
1670 1 ☐ Electricity
2 ☐ Gas
3 ☐ Kerosene or other liquid fuel
4 ☐ Coal or coke
5 ☐ Wood
6 ☐ Other — *Specify* _____
7 ☐ No fuel used

141a. Does the (house/apartment) have a dishwasher?
1690 1 ☐ Yes
2 ☐ No — *Skip to item 142a*

b. Is it more than 5 years old?
1700 1 ☐ Yes
2 ☐ No

142a. Does the (house/apartment) have a washing machine (- - - - /in the apartment)?
1710 1 ☐ Yes
2 ☐ No — *Skip to item 143a*

b. Is it more than 5 years old?
1720 1 ☐ Yes
2 ☐ No

143a. Does the (house/apartment) have a clothes dryer (- - - - /in the apartment)?
1730 1 ☐ Yes
2 ☐ No — *Skip to item 144a*

b. Is it more than 5 years old?
1740 1 ☐ Yes
2 ☐ No

c. What kind of fuel does the dryer use?
1750 1 ☐ Electricity
2 ☐ Gas
3 ☐ Other — *Specify* _____

URE INTERVIEWS – Continued

144a. Does the (house/apartment) have central air conditioning?
1760 1 ☐ Yes
2 ☐ No — *Skip to item 144c*

b. What kind of fuel does it use?
1770 1 ☐ Electricity
2 ☐ Gas
3 ☐ Other — *Specify* _____
Skip to item 145a

c. Does the (house/apartment) have room air conditioners?
1780 1 ☐ Yes
2 ☐ No — *Skip to item 145a*

d. How many?
1790 _____ Number

145a. What fuel is used MOST for heating the (house/apartment)?
1800 1 ☐ Electricity
2 ☐ Gas
3 ☐ Fuel oil
4 ☐ Kerosene or other liquid fuel
5 ☐ Coal or coke
6 ☐ Wood
7 ☐ Solar energy
8 ☐ Other — *Specify* _____
9 ☐ None — *Skip to item 146*

b. Besides *(Fuel marked in item 145a)*, what other fuel is used for heating the (house/apartment)?
(Mark (X) all that apply.)
1810 1 ☐ Electricity
2 ☐ Gas
3 ☐ Fuel oil
4 ☐ Kerosene or other liquid fuel
5 ☐ Coal or coke
6 ☐ Wood
1820 7 ☐ Solar energy
8 ☐ Other — *Specify* _____
9 ☐ None

146. Does the (house/apartment) have a usable fireplace?
1830 1 ☐ Yes
2 ☐ No

PLEASE LOOK AT THIS CARD.

147a. What type of heating equipment is used MOST to heat the (house/apartment)?
(Read answer categories until heating equipment used most is mentioned.)

☐ A central warm-air furnace with air vents or ducts to the individual rooms? — *Ask item 147b*
1840 2 ☐ Steam or hot-water system with radiators OR other system using steam or hot water?
3 ☐ Electric heat pump?
4 ☐ Other built-in electric units permanently installed in wall, ceiling, or baseboards?
5 ☐ Floor, wall, or other built-in, hot-air heater without ducts?
6 ☐ Kerosene, gas, or oil room heater(s), VENTED to the outside through a chimney, flue, or pipes?
7 ☐ UNVENTED kerosene, gas, or oil room heaters?
8 ☐ Portable electric heater(s)?
9 ☐ Stove(s)?
10 ☐ Fireplace(s) WITH inserts, that is, installed equipment designed to circulate more heat into the room?
11 ☐ Fireplace(s) with NO inserts?
12 ☐ Some other type of heating equipment? — *Specify* _____
Skip to item 148a, page 41
13 ☐ None? — *Skip to item 149a, page 41*

MARK OR ASK.

b. Is the heating fuel for the furnace electricity?
☐ Yes, electricity
1840 1 ☐ No — *Skip to item 148a, page 41*

c. Is that a heat pump?
1840 3 ☐ Yes
1 ☐ No — *Ask item 148a, page 41*

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

URE INTERVIEWS — Continued

148a. What other kinds of heating equipment does the (house/apartment) have or use?
(Mark (X) all that apply.)

1850
1 ☐ A central warm-air furnace with air vents or ducts to the individual rooms
2 ☐ Steam or hot-water system with radiators OR other system using steam or hot water
3 ☐ Electric heat pump
4 ☐ Other built-in electric units permanently installed in wall, ceiling, or baseboards
5 ☐ Floor, wall, or other built-in, hot-air heater without ducts
6 ☐ Kerosene, gas or oil room heater(s), VENTED to the outside through a chimney, flue, or pipes
1860
7 ☐ UNVENTED kerosene, gas or oil room heater(s)
8 ☐ Portable electric heater(s)
9 ☐ Stove(s)
1870
10 ☐ Fireplace(s) WITH inserts, that is, installed equipment designed to circulate more heat into the room
11 ☐ Fireplace(s) with NO inserts
12 ☐ Some other type of heating equipment — *Specify* _____
13 ☐ None — *Ask item 149a*

b. Anything else?
☐ Yes — *Mark (X) appropriate box(es), then go to item 149a*
☐ No — *Ask item 149a*

149a. Does the (house/apartment) have a porch, deck, balcony, or patio?
(Measuring at least four feet by four feet)
(Exclude if already counted as a room.)
1930 1 ☐ Yes 2 ☐ No

b. Does the (house/apartment) have open cracks or holes in the inside walls or ceilings?
(Cracks thicker than a dime)
1940 1 ☐ Yes 2 ☐ No

c. Does the (house/apartment) have holes in the floors?
(Big enough for someone to trip in)
1950 1 ☐ Yes 2 ☐ No

d. Does the (house/apartment) have any area of peeling paint or broken plaster bigger than 8 inches by 11 inches?
(The size of a weekly news magazine or standard letter)
1960 1 ☐ Yes 2 ☐ No

150a. Is the (house/apartment) INTENDED for year round use, for occupancy only on a seasonal basis, or for use by migrant workers?
2460
7 ☐ Year round (occupied temporarily at time of interview) — *Skip to item 150c*
8 ☐ Seasonal — Summers only
9 ☐ Seasonal — Winters only
10 ☐ Other seasonal — *Specify* _____
11 ☐ Migratory

b. Does the construction and heating of the (house/apartment) make it suitable for year-round use?
2480 1 ☐ Yes 2 ☐ No

c. How many months has it been since the (house/apartment) was occupied as a permanent home?
~ 6 61 †
2470 _____ Months (if 1 – 24 months)
00 ☐ Less than 1 month
25 ☐ Over 2 years
26 ☐ NEVER OCCUPIED AS A PERMANENT HOME
27 ☐ Don't know

d. Is the ownership of the (house/apartment) time-shared?
3070 1 ☐ Yes 2 ☐ No

Notes

FORM AHS-22 (6-23-91)

URE INTERVIEWS — Continued

151. Check Item *(See Control Card Item 8b.)*
☐ Owned — *Skip to Item 154*
☐ Rented — *Ask Item 152a*
☐ No cash rent — *Skip to Item 152c(1)*

152a. How often is the rent on the (house/apartment) due?
~ 6 61 †
2500 _____ Times per year
12 ☐ Monthly

b. How much is the rent?
(If parking billed separately, exclude it here and mark NO to items 153a and 153b without asking.)
2510 $ _____ .00

c. (1) Is this (house/apartment) for vacation or other short-term use?
~ 6 61 †
2485 1 ☐ Yes 2 ☐ No

(2) Check Item *(See Item 127, page 36.)*
☐ Mobile home either one-unit or two-or-more-units — *Ask Item 152d*
☐ Not a mobile home — *Skip to Item 153a*

d. Do you pay separate rent for the land?
2511 1 ☐ Yes 2 ☐ No — *Skip to item 152g*

e. How many times a year is the (land/site) rent due?
2512 _____ Times per year
12 ☐ Monthly

f. What is the cost each *(Billing period)*?
2513 $ _____ .00
0 ☐ No cash rent
9997 ☐ Included in mobile home park fee or association fee

g. (----/In addition to the rent), do you pay any (----/additional) mobile home park fee?
3550 1 ☐ Yes 2 ☐ No — *Skip to item 152j*

h. How many times a year is the fee due?
3555 _____ Times per year
12 ☐ Monthly

i. What is the cost each *(Billing period)*?
3600 $ _____ .00
0 ☐ Included in mobile home rent

j. Are there any (----/other) required fees for utility hookups, mobile home association fees, and so forth?
~ 6 61 †
2517 1 ☐ Yes 2 ☐ No — *Skip to item 153a*

k. How many times a year are the fees due?
2518 _____ Times per year
12 ☐ Monthly

l. What is the average cost each *(Billing period)* **for those fees?**
2519 $ _____ .00

153a. Is a garage or carport included (in the rent/with the home)?
2520 1 ☐ Yes — *Skip to item 154* 2 ☐ No

b. Is an offstreet parking space included?
2530 1 ☐ Yes 2 ☐ No

154. Check Item *(See item 127, page 36.)*
☐ Mobile home either one-unit or two-or-more units — *Skip to item 156, page 43*
☐ Not a mobile home — *Ask item 155*

155. About when was the building originally built?
2910 ☐ 1980 or later — Month ☐☐ Year ☐☐ — *Skip to item 157b, page 43*
2910
1 ☐ 1979
2 ☐ 75 – 78
3 ☐ 70 – 74
4 ☐ 60 – 69
5 ☐ 50 – 59
6 ☐ 40 – 49
7 ☐ 30 – 39
8 ☐ 20 – 29
9 ☐ 1919 or earlier
} *Skip to item 157b, page 43*

FORM AHS-22 (6-23-91)

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

URE INTERVIEWS — Continued

156a. Excluding the dealer's lot, is this the first site on which this mobile home was placed? [~661†] [2900]
1 ☐ Yes, first site
2 ☐ No, moved from another site
3 ☐ Don't know

b. Is your mobile home included in a group of two or more? [3540]
1 ☐ Yes
2 ☐ No, mobile home not in a group — *Skip to item 157a*

c. How many, including your mobile home, are in the group? [4880] _____ Exact number — *(If 2 to 20 mobile homes)*
OR
21 ☐ 21 or more

157a. What is the model year of the mobile home? [~661†]
[2910] ☐ 1980 or later → Year [ ][ ]
[2910]
1 ☐ 1979
2 ☐ 75–78
3 ☐ 70–74
4 ☐ 60–69
5 ☐ 50–59
6 ☐ 40–49
7 ☐ 1939 or earlier

b. Is this home currently for rent or sale? [2923]
1 ☐ Yes
2 ☐ No — *Skip to 157d*

c. Is it for — [2925]
1 ☐ rent only?
2 ☐ rent or for sale?
3 ☐ sale only?

d. Do you plan to leave this home within a month? [2927]
1 ☐ Yes
2 ☐ No
3 ☐ Not sure

158. Check Item *(See item 127, page 36.)*
☐ Two-or-more-unit building or two-or-more-unit mobile home — *Skip to item 160*
☐ All others — *Ask item 159a*

159a. How large is the (lot/site)? [2980] _____ Square feet
(Include all connecting land that is owned or rented with the home.)
OR
(If over 1 acre, drop any fractions, don't round up. If under 1 acre, convert to approximate square feet.) [2990] _____ Feet by
[3000] _____ feet

One-eighth acre	=	5500 sq. ft.
Quarter acre	=	11000 sq. ft.
One-third acre	=	14000 sq. ft.
Half acre	=	22000 sq. ft.
Three-quarters acre	=	33000 sq. ft.
One acre	=	44000 sq. ft.

OR
[3010] _____ Whole acres
0 ☐ Don't know — *Ask item 159b*

MARK OR ASK —
b. Is it more than 10 acres? [3020]
1 ☐ Yes
2 ☐ No

160. Check Item *(See Control Card item 8b.)*
☐ Owned — *Ask item 161a*
☐ Rented — *Skip to item 171, page 46*
☐ Occupied without payment of cash rent — *Skip to item 171, page 46*

161a. Is there a commercial establishment on the property? [3030]
1 ☐ Yes
2 ☐ No

b. Is there a medical or dental office on the property? [3040]
1 ☐ Yes
2 ☐ No

162a. Check Item *(See item 150d, page 41)*
☐ Unit is time-shared — *Skip to item 163a*
☐ Unit is not time-shared — *Ask item 162b*

b. How much do you think the (house/apartment) would sell for on today's market?
(Include all connecting land; if multi-unit building, estimate share of value applicable to sample unit.) [3100] $ _____ . [00]

163a. Is a garage or carport included with the (house/apartment)? [~661†] [2520]
1 ☐ Yes — *Skip to item 164a, page 44*
2 ☐ No

b. Is an offstreet parking space included? [2530]
1 ☐ Yes
2 ☐ No

URE INTERVIEWS — Continued

164a. Check Item *(See item 127, page 36.)*
☐ Mobile home either one-unit or two-or-more units — *Skip to item 166a*
☐ Not a mobile home — *Go to item 164b*

b. Check Item *(See item 126a, page 36.)*
☐ Condominium or cooperative — *Ask item 165a*
☐ All others — *Skip to item 167a, page 45*

165a. What were the real estate taxes last year for the (condominium/cooperative) unit? [3820] $ _____ . [00]
(Include school taxes, special assessments, and any other real estate taxes.)
(Exclude taxes past due from other years.)
(Subtract any rebates.)

b. (Did the owner/Did you) receive a real estate property tax rebate last year? [3824]
1 ☐ Yes
2 ☐ No — *Skip to item 165d*

c. What was the amount of the property tax rebate? [3826] $ _____ . [00]

d. (Is the owner/Are you) required to pay a (condominium/cooperative) association fee? [3870]
1 ☐ Yes
2 ☐ No — *Skip to item 171, page 46*

e. How many times a year is the fee due? [3880] _____ Times per year
12 ☐ Monthly

f. What is the average cost each *(Billing period)*? [3890] $ _____ . [00] *Skip to item 171, page 46*

166a. On the mobile home (- - - -/and its lot) last year, what was the total cost of —
property and real estate taxes,
registration fees, and
license fees? [3820] $ _____ . [00]
(Include school taxes, special assessments, and any other real estate taxes.)
(Exclude taxes past due from other years.)
(Subtract any rebates.)

b. (Did the owner/Did you) receive a real estate property tax rebate last year? [3824]
1 ☐ Yes
2 ☐ No — *Skip to item 166d*

c. What was the amount of the property tax rebate? [3826] $ _____ . [00]

d. Do you own the land? [~661†] [2907]
1 ☐ Yes — *Skip to item 166h*
2 ☐ No

e. Do you pay separate rent for the land? [2911]
1 ☐ Yes
2 ☐ No — *Skip to item 166h*

f. How many times a year is the (land/site) rent due? [2912] _____ Times per year
12 ☐ Monthly

g. What is the cost each *(Billing period)*? [2913] $ _____ . [00]
0 ☐ No cash rent
9997 ☐ Included in mobile home park fee or association fee

h. (Is the owner/Are you) required to pay any (additional) mobile home park fee? [3550]
1 ☐ Yes
2 ☐ No — *Skip to item 166k*

i. How many times a year is the fee due? [3555] _____ Times per year
12 ☐ Monthly

j. What is the average cost each *(Billing period)*? [3800] $ _____ . [00]

k. Are there (any/any other) required fees for utility hookups, mobile home association fees, and so forth? [~661†] [2517]
1 ☐ Yes
2 ☐ No — *Skip to item 171, page 46*

l. How many times a year are the fees due? [2518] _____ Times per year
12 ☐ Monthly

m. What is the average cost each *(Billing period)* for these fees? [2519] $ _____ . [00] *Skip to item 171, page 46*

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

URE INTERVIEWS — Continued

167a. What were the real estate taxes last year for the (house/apartment) and its land?
(Include all connecting owned land. If multi-unit building, estimate share for sample unit. Include school taxes, special assessments, and any other real estate taxes.)
(Exclude taxes past due from other years.)
(Subtract any rebates.)

3520 $ _____ . 00

b. (Did the owner/Did you) receive a real estate property tax rebate last year?

3524 1 ☐ Yes
2 ☐ No — *Skip to item 169a*

c. What was the amount of the property tax rebate?

3526 $ _____ . 00

168. WASHINGTON USE ONLY

169a. (Is the owner/Are you) required to pay a homeowner's association fee?

3570 1 ☐ Yes
2 ☐ No — *Skip to item 170a*

b. How many times a year is the fee due?

3580 _____ Times per year
12 ☐ Monthly

c. What is the average cost each *(Billing period)*?

3590 $ _____ . 00 *Skip to item 171, page 46*

170a. In some parts of the country, people own their homes but rent the land. (Does the owner of the unit/Do you) pay rent for the land?

3610 1 ☐ Yes
2 ☐ No — *Skip to item 171, page 46*

b. How many times a year is the land rent due?

3630 _____ Times per year
12 ☐ Monthly

c. What does it cost each time?

3640 $ _____ . 00 *Go to item 171, page 46*

Notes

FORM AHS-22 (5-23-91)

URE INTERVIEWS — Continued

171. Now I have some questions about utility costs. You may want to look up the amounts in your checkbook or other records. *(When two or more utilities are billed together, try to determine the cost of each.)*

a. In the past 12 months what was the average MONTHLY cost for electricity?

3670 $ _____ . 00 per month — *If "All electric home," mark "Not used" in items 171b and d without asking*

3680
1 ☐ Not used
2 ☐ Included in rent, site rent, condominium, or other fee, etc.
3 ☐ Obtained free

b. In the past 12 months what was the average MONTHLY cost for gas?

(1)
3690 $ _____ . 00 Per month, OR →

3700
1 ☐ Not used — *Skip to item 171d*
2 ☐ Included in rent, site rent, condominium, or other fee
3 ☐ Obtained free

(2)
Billed with — *(Mark (X) all that apply.)*
3710
1 ☐ Electricity
2 ☐ Fuel oil
3 ☐ Other fuel
4 ☐ Garbage and trash
5 ☐ Water and sewage

c. Is the gas from underground pipes or bottled gas?

3720
1 ☐ Underground pipes serving neighborhood
2 ☐ Bottled gas

d. In the past 12 months what was the total ANNUAL cost for fuel oil?

3730 $ _____ . 00 Per year, OR →

3740
1 ☐ Not used
2 ☐ Included in rent, site rent, condominium, or other fee
3 ☐ Obtained free

Billed with — *(Mark (X) all that apply.)*
3750
1 ☐ Electricity
2 ☐ Gas
3 ☐ Other fuel
4 ☐ Garbage and trash
5 ☐ Water and sewage

e. In the past 12 months what was the total ANNUAL cost for wood, coal, kerosene, or any other fuel?

3760 $ _____ . 00 Per year, OR →

3770
1 ☐ Not used
2 ☐ Included in rent, site rent, condominium, or other fee
3 ☐ Obtained free

Billed with — *(Mark (X) all that apply.)*
3780
1 ☐ Electricity
2 ☐ Gas
3 ☐ Fuel oil
4 ☐ Garbage and trash
5 ☐ Water and sewage

f. In the past 12 months what was the total ANNUAL cost for garbage and trash collection?

3790 $ _____ . 00 Per year, OR →

3800
1 ☐ Not used
2 ☐ Included in real estate taxes, rent, site rent, condominium, or other fee
3 ☐ Obtained free

Billed with — *(Mark (X) all that apply.)*
3810
1 ☐ Electricity
2 ☐ Gas
3 ☐ Fuel oil
4 ☐ Other fuel
5 ☐ Water and sewage

g. In the past 12 months what was the total ANNUAL cost for water supply and sewage disposal?

3820 $ _____ . 00 Per year, OR →

3830
2 ☐ Included in real estate taxes, rent, site rent, condominium, or other fee
3 ☐ Obtained free

Billed with — *(Mark (X) all that apply.)*
3840
1 ☐ Electricity
2 ☐ Gas
3 ☐ Fuel oil
4 ☐ Other fuel
5 ☐ Garbage and trash

172a. Check Item *(See Control Card Item 8b.)*
☐ Owned — *Skip to item 174a, page 47*
☐ Rented or occupied without payment of cash rent — *Go to item 172b*

b. Check Item *(See item 127, page 36.)*
☐ Two-or-more unit building or two-or-more unit mobile home — *Ask item 173a*
☐ All others — *Skip to item 173b*

173a. Does either the owner or a resident manager live in the (building/complex)?
(Exclude staff who do only maintenance.)

4400 1 ☐ Yes
2 ☐ No

b. What is the owner's name and address?

If don't know, ask —
Where do you send your rent?

Name *(Please print)*
Address *(Number, street)*
City State ZIP Code

Title
1 ☐ Owner
2 ☐ Other

Location
1 ☐ Home
2 ☐ Office

c. What is the (owner's/office's) telephone number?

Area code Number Extension

1 ☐ Home 2 ☐ Business

FORM AHS-22 (5-23-91)

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

URE INTERVIEWS — Continued

174a. Check Item *(See item 3, page 1.)*

☐ Control number in sample last enumeration period — *Go to item 174b*
☐ Control number in sample for first time this enumeration period — *Skip to item 176a, page 48*

b. Check Item *(See item 5, page 1.)*

☐ Same house/apartment/mobile home as last enumeration period — *Go to item 174c*
☐ Different house/apartment/mobile home from last enumeration period — *Skip to item 176a, page 48*

c. Check Item *(See Control Card item 9c)*

Unit was a noninterview in 1985, 1987, and 1989

☐ Yes — *Skip to item 176a, page 48*
☐ No — *Ask item 175a*

175a. **Since 1989, has there been a change in the amount of living space in this (house/apartment) because of putting on an addition, finishing an attic, or converting a garage to living space?**

(Do not count finishing a basement.)

~ 6 61 †

4870 1 ☐ Yes — *Ask item 175b*
2 ☐ No — *Skip to item 177a, page 49*

b. **How many square feet of living space were added or lost?**

(If dimensions given, record dimensions.)

ADDITION

4880 _____ Square feet

(_____ X _____ dimensions)

LOSS

4890 _____ Square feet

(_____ X _____ dimensions)

4895 0 ☐ Don't know

c. INSTRUCTION — *SKIP TO ITEM 177a, PAGE 49.*

Notes

URE INTERVIEWS — Continued

176a. **Housing size is important for analysis of other information from this survey. How many square feet are there in the (house/apartment)?**

(Include basements and finished attics. Exclude unfinished attics, carports, and attached garages. Also exclude porches that are not protected from the elements/- - - -.)

(- - - -/Exclude the mobile home hitch.)

~ 6 61 †

4900 _____ Square feet — *Skip to item 177a, page 49*

0 ☐ Don't know — *Ask item 176b*

b. **How many (stories/floors) are there in this (house/apartment)? (Include basements and finished attics/- - - -.)**

(In apartments, floors refer only to the apartment itself.)

4910 _____ Number

c. *MARK OR ASK —*
Is the (house/apartment) a split level?

4920 1 ☐ Yes
2 ☐ No

d. **What is the length and width of each floor of the (house/apartment)? (Include basements and finished attics. Exclude unfinished attics, carports, and attached garages. Also exclude porches that are not protected from the elements/- - - -.)**

(- - - -/Exclude the mobile home hitch.)

(Record dimensions of each room separately, if respondent is unable to give dimensions for the total floor size.)

	Rectangles or squares							
	First (a)		Second (b)		Third (c)		Fourth (d)	
	Length	Width	Length	Width	Length	Width	Length	Width
Basement								
1st floor of unit . . .								
2nd floor of unit . . .								
3rd floor of unit . . .								
4th floor of unit . . .								

4940 0 ☐ Don't know — *Skip to item 177a, page 49*

e. SKETCH *(If enough information is available, draw sketch of sample unit below.)*

OFFICE USE ONLY 4940 _____ Square feet

f. INSTRUCTION — *SKIP TO ITEM 177a, PAGE 49*

Notes

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

NEIGHBORHOOD QUALITY SUPPLEMENT

NOTE — Ask all categories in Item 177a before proceeding to Item 177b.

NOTE — Ask Item 177b only for those categories in Item 177a which were answered "Yes."

177a. The following questions are concerned with specific aspects of your PRESENT neighborhood.

Does the neighborhood have —

		177b. Does the (Condition) bother you?	177c. Is it so objectionable that you would like to move from the neighborhood?
(1) Street noise or heavy street traffic?	5640 (~ 6 41 †) 1 ☐ Yes 2 ☐ No	3 ☐ Yes — *Ask Item 177c* → 4 ☐ No	5 ☐ Yes 6 ☐ No
(2) Neighborhood crime?	5660 1 ☐ Yes 2 ☐ No	3 ☐ Yes — *Ask Item 177c* → 4 ☐ No	5 ☐ Yes 6 ☐ No

NOTE — If "Yes" was answered for (1) or (2) in Item 177a, ask Item 177b.

178a. Is there public transportation for this area? — 5730 1 ☐ Yes 2 ☐ No — *Skip to Item 179a*

b. Is it satisfactory? — 5740 1 ☐ Yes 2 ☐ No 3 ☐ Do not use

c. (Does anyone in the household/Do you) use public transportation at least once a week? — 5750 1 ☐ Yes 2 ☐ No

179a. Do you have satisfactory neighborhood shopping, that is, grocery stores or drug stores? — 5760 1 ☐ Yes 2 ☐ No 3 ☐ Don't know } *Skip to Item 180*

b. Are any of these stores within one mile of here? — 5770 1 ☐ Yes 2 ☐ No

180. Check Item *(See Control Card Items 11, 14, and 18.) (Mark (X) first box that applies.)*

- ☐ URE interview — *Go to Control Card Item 9a*
- ☐ No household member 16 years of age or less — *Skip to Item 182, page 50*
- ☐ Household member 4 to 16 years of age — *Ask Item 181a*
- ☐ Household members 3 years old or younger — *Skip to Item 181b*

181a. (Does . . ./Do the children) attend a public school or a private school? *(Mark (X) all that apply.)* — 5780
1 ☐ Public school (K—12)
2 ☐ Private school (K—12)
3 ☐ Other school (ungraded schools, special schools, preschools, early learning centers, etc.)
4 ☐ Does not attend school

b. Is the public elementary school that children living at this address (attend/would attend) satisfactory? *(If more than one public elementary school, ask about the closest one to the sample unit.)* — 5790 1 ☐ Yes — *Skip to Item 181d* 2 ☐ No 3 ☐ Don't know — *Skip to Item 181d*

c. Is it so unsatisfactory that you would like to move from the neighborhood? — 5800 1 ☐ Yes 2 ☐ No

d. Is that public elementary school within one mile of here? — 5810 1 ☐ Yes 2 ☐ No

SECOND HOME SUPPLEMENT

182. INTRODUCTION: Now I have some questions about second homes.

183. (Do/Does) *(Specify names with "X" in Control Card Item 17)* own or co-own (any residential property/any other residential property, not counting this home)? — 6040 (~ 6 41 †) 1 ☐ Yes 2 ☐ No — *Skip to Item 198, page 53*

184. How many (—/other) residential units (do/does) *(Specify names with "X" in Control Card Item 17)* own or co-own? *(In a multi-unit building, count each unit owned.)* — 6050 _____ Number

185. OFFICE USE ONLY

186. OFFICE USE ONLY

187a. Where (is this unit/are these units) located? *(Enter multi-unit properties only once.)*

Property	Location (1) *(If needed, enter location information to uniquely identify residential units)*	Location (2) *(Enter 2-character State code from flashcard)*	For residential units listed ask — 187b. Who in this household owns or co-owns the residential units located in *(Location information in Item 187a)* *(Enter line numbers)* (3)	187c. Was this unit ever *(Specify names for line numbers in Item 187b)* usual residence? (4)	187d. How many units (do/does) *(Specify names for line numbers in Item 187b)* own or co-own in *(Location information in Item 187a)*? (5)
1		6060 ☐☐ State code OR 00 ☐ Outside the United States	6070 / 6080	6090 1 ☐ Yes 2 ☐ No	6095 _____ Number
2		6100 ☐☐ State code OR 00 ☐ Outside the United States	6110 / 6120	6130 1 ☐ Yes 2 ☐ No	6135 _____ Number
3		6140 ☐☐ State code OR 00 ☐ Outside the United States	6150 / 6160	6170 1 ☐ Yes 2 ☐ No	6175 _____ Number
4		6180 ☐☐ State code OR 00 ☐ Outside the United States	6190 / 6200	6210 1 ☐ Yes 2 ☐ No	6215 _____ Number
5		6220 ☐☐ State code OR 00 ☐ Outside the United States	6230 / 6240	6250 1 ☐ Yes 2 ☐ No	6255 _____ Number
6		6260 ☐☐ State code OR 00 ☐ Outside the United States	6270 / 6280	6290 1 ☐ Yes 2 ☐ No	6295 _____ Number

Notes

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

SECOND HOME SUPPLEMENT — Continued

188a. INSTRUCTIONS — *Transcribe property number from item 187a for up to three properties in the following priority: Any previous usual residence; then one per person; then any others. TREAT OWNERSHIP OF A MULTI-UNIT BUILDING AS ONE. Then ask items 189–197 for each property.*

~ 6 42 ↑ Column A	~ 6 43 ↑ Column B	~ 6 44 ↑ Column C
188b. Property number 6300 ☐	**188b.** Property number 6300 ☐	**188b.** Property number 6300 ☐
189a. Now I have a few questions to ask about the property in *(Location information in item 187a).*	**189a.** Now I have a few questions to ask about the property in *(Location information in item 187a).*	**189a.** Now I have a few questions to ask about the property in *(Location information in item 187a).*
b. Is that property in a rural area or is it in an urban area? 6310 1 ☐ Rural 2 ☐ Urban	**b.** Is that property in a rural area or is it in an urban area? 6310 1 ☐ Rural 2 ☐ Urban	**b.** Is that property in a rural area or is it in an urban area? 6310 1 ☐ Rural 2 ☐ Urban
c. Is that property in what YOU would call a recreational or resort area? 6320 1 ☐ Yes 2 ☐ No	**c.** Is that property in what YOU would call a recreational or resort area? 6320 1 ☐ Yes 2 ☐ No	**c.** Is that property in what YOU would call a recreational or resort area? 6320 1 ☐ Yes 2 ☐ No
190. Is it — *(Read all answer categories)* 6330 1 ☐ a single-family house, 2 ☐ a multi-unit building, 3 ☐ an apartment in a multi-unit building, 4 ☐ a mobile home, 5 ☐ or some other type of residence?	**190.** Is it — *(Read all answer categories)* 6330 1 ☐ a single-family house, 2 ☐ a multi-unit building, 3 ☐ an apartment in a multi-unit building, 4 ☐ a mobile home, 5 ☐ or some other type of residence?	**190.** Is it — *(Read all answer categories)* 6330 1 ☐ a single-family house, 2 ☐ a multi-unit building, 3 ☐ an apartment in a multi-unit building, 4 ☐ a mobile home, 5 ☐ or some other type of residence?
191. Do the construction and heating of the (house/apartment/mobile home/building) make it SUITABLE FOR year-round use? 6340 1 ☐ Yes 2 ☐ No	**191.** Do the construction and heating of the (house/apartment/mobile home/building) make it SUITABLE FOR year-round use? 6340 1 ☐ Yes 2 ☐ No	**191.** Do the construction and heating of the (house/apartment/mobile home/building) make it SUITABLE FOR year-round use? 6340 1 ☐ Yes 2 ☐ No
192. *MARK OR ASK* — Is it within 150 miles of here? 6350 1 ☐ Yes 2 ☐ No	**192.** *MARK OR ASK* — Is it within 150 miles of here? 6350 1 ☐ Yes 2 ☐ No	**192.** *MARK OR ASK* — Is it within 150 miles of here? 6350 1 ☐ Yes 2 ☐ No
193a. Is the ownership of the (house/apartment/mobile home/building) shared with anyone living outside this household? 6360 1 ☐ Yes 2 ☐ No — *Skip to item 194*	**193a.** Is the ownership of the (house/apartment/mobile home/building) shared with anyone living outside this household? 6360 1 ☐ Yes 2 ☐ No — *Skip to item 194*	**193a.** Is the ownership of the (house/apartment/mobile home/building) shared with anyone living outside this household? 6360 1 ☐ Yes 2 ☐ No — *Skip to item 194*
b. What is (your/. . .) share? 6370 _____ Percent OR 6380 _____ Weeks	**b.** What is (your/. . .) share? 6370 _____ Percent OR 6380 _____ Weeks	**b.** What is (your/. . .) share? 6370 _____ Percent OR 6380 _____ Weeks
194. How much do you think (it/your share of it/. . . share of it) would sell for on today's market? 6390 $_____ . 00 *Ask item 195, page 52*	**194.** How much do you think (it/your share of it/. . . share of it) would sell for on today's market? 6390 $_____ . 00 *Ask item 195, page 52*	**194.** How much do you think (it/your share of it/. . . share of it) would sell for on today's market? 6390 $_____ . 00 *Ask item 195, page 52*

FORM AHS-23 (8-23-91)

SECOND HOME SUPPLEMENT — Continued

~ 6 42 ↑ Column A	~ 6 43 ↑ Column B	~ 6 44 ↑ Column C
195. Is there a mortgage or other loan on that property? *(Include "Land contracts" and other loans SECURED BY THE PROPERTY)* 6400 1 ☐ Yes 2 ☐ No	**195.** Is there a mortgage or other loan on that property? *(Include "Land contracts" and other loans SECURED BY THE PROPERTY)* 6400 1 ☐ Yes 2 ☐ No	**195.** Is there a mortgage or other loan on that property? *(Include "Land contracts" and other loans SECURED BY THE PROPERTY)* 6400 1 ☐ Yes 2 ☐ No
196. In the past year, how many nights did *(Specify names for line numbers in item 187b)* stay there? 6410 _____ Nights OR 0 ☐ None	**196.** In the past year, how many nights did *(Specify names for line numbers in item 187b)* stay there? 6410 _____ Nights OR 0 ☐ None	**196.** In the past year, how many nights did *(Specify names for line numbers in item 187b)* stay there? 6410 _____ Nights OR 0 ☐ None
197a. Which of the following reasons is why *(Specify names for line numbers in item 187b)* own this (house/apartment/mobile home/building)? Because — *(Read all answer categories) (Mark (X) all that apply)* 6420 1 ☐ It was a previous usual residence 2 ☐ It is used for recreational purposes 3 ☐ It is for investment purposes 4 ☐ *(Specify names for line numbers in item 187b)* wish to sell it but have not yet been able to 5 ☐ It was inherited 6430 6 ☐ Some other reason — *Specify* ✗	**197a.** Which of the following reasons is why *(Specify names for line numbers in item 187b)* own this (house/apartment/mobile home/building)? Because — *(Read all answer categories) (Mark (X) all that apply)* 6420 1 ☐ It was a previous usual residence 2 ☐ It is used for recreational purposes 3 ☐ It is for investment purposes 4 ☐ *(Specify names for line numbers in item 187b)* wish to sell it but have not yet been able to 5 ☐ It was inherited 6430 6 ☐ Some other reason — *Specify* ✗	**197a.** Which of the following reasons is why *(Specify names for line numbers in item 187b)* own this (house/apartment/mobile home/building)? Because — *(Read all answer categories) (Mark (X) all that apply)* 6420 1 ☐ It was a previous usual residence 2 ☐ It is used for recreational purposes 3 ☐ It is for investment purposes 4 ☐ *(Specify names for line numbers in item 187b)* wish to sell it but have not yet been able to 5 ☐ It was inherited 6430 6 ☐ Some other reason — *Specify* ✗
b. In the past year, how many nights did you rent out this unit? 6440 _____ Nights OR 0 ☐ None	**b.** In the past year, how many nights did you rent out this unit? 6440 _____ Nights OR 0 ☐ None	**b.** In the past year, how many nights did you rent out this unit? 6440 _____ Nights OR 0 ☐ None
Go to next property; if none, ask item 198, page 53.	*Go to next property; if none, ask item 198, page 53.*	*Ask item 198, page 53*

Notes

FORM AHS-23 (8-23-91)

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

NONRELATIVE INCOME

198. Check Item *(See Control Card items 13 and 18.)*

☐ Household contains people age 14 + NOT related to reference person — *Ask item 199a*

☐ All others — *Go to item 200a, page 54*

	-6 29 †	-6 30 †	-6 31 †	-6 32 †
(Enter line number(s).)	4660 Line number	4660 Line number	4660 Line number	4660 Line number
199a. I have a few questions that I would like to ask . . ., . . ., and *(Names of nonrelatives)*. Are they here now?	4670 1 ☐ Yes — *Skip to item 199c* 2 ☐ No — *Ask item 199b*	4670 1 ☐ Yes — *Skip to item 199c* 2 ☐ No — *Ask item 199b*	4670 1 ☐ Yes — *Skip to item 199c* 2 ☐ No — *Ask item 199b*	4670 1 ☐ Yes — *Skip to item 199c* 2 ☐ No — *Ask item 199b*
b. As I mentioned earlier, we are concerned about housing costs compared to income. What is your estimate of . . .'s total income before deductions in the last 12 months?	4680 $ _____ .00 0 ☐ None *(If unable to estimate, ask best time to reach nonrelative by telephone. Ask item 199c of nonrelatives who are here, and then go to item 200, page 54.)*	4680 $ _____ .00 0 ☐ None *(If unable to estimate, ask best time to reach nonrelative by telephone. Ask item 199c of nonrelatives who are here, and then go to item 200, page 54.)*	4680 $ _____ .00 0 ☐ None *(If unable to estimate, ask best time to reach nonrelative by telephone. Ask item 199c of nonrelatives who are here, and then go to item 200, page 54.)*	4680 $ _____ .00 0 ☐ None *(If unable to estimate, ask best time to reach nonrelative by telephone. Ask item 199c of nonrelatives who are here, and then go to item 200, page 54.)*
c. *(Introduce yourself, then say:)* I have been asking . . . a few questions about this building. One of the main housing problems today is the cost of housing compared to income. What was your income before deductions the past 12 months?	4690 $ _____ .00 0 ☐ None *Go to next nonrelative. If none, go to item 200, page 54.*	4690 $ _____ .00 0 ☐ None *Go to next nonrelative. If none, go to item 200, page 54.*	4690 $ _____ .00 0 ☐ None *Go to next nonrelative. If none, go to item 200, page 54.*	4690 $ _____ .00 0 ☐ None *Go to next nonrelative. If none, go to item 200, page 54.*

Notes

FORM AHS-22 (5-23-91)

ALTERNATE HOUSING SUPPLEMENT

200a. CHECK ITEM *(See Control Card items 25 and 26)*

☐ One or more persons moved in within a 12-month period — *Ask item 200b*

☐ No persons moved in within a 12-month period — *Go to Control Card item 9a*

NOTE — Ask all categories in item 200b before proceeding to item 200c.

200b. Now I have some questions about places . . . *(Specify names of persons who moved here within the last 12 months)* stayed before moving here. In the 12 months before (you/he/she/they) moved here, did (you/he/she/any of these persons) stay overnight —

200d. We're interested in finding out whether people had difficulties obtaining housing. When (you/he/she/they) stayed overnight *(Specify categories reported "Yes" in item 200b)* did (you/he/she/they) have a home to return to?

	-6 41 †		
(1) with family or friends in their house, apartment, or mobile home?	6800 *	1 ☐ Yes 2 ☐ No	3 ☐ Yes 4 ☐ No — *Ask item 200e* →
(2) in a dormitory or barracks?	6810 *	1 ☐ Yes 2 ☐ No	3 ☐ Yes 4 ☐ No — *Ask item 200e* →
(3) in a care facility or other institution, such as a hospital?	6820 *	1 ☐ Yes 2 ☐ No	3 ☐ Yes 4 ☐ No — *Ask item 200e* →
(4) in a jail or prison?	6830 *	1 ☐ Yes 2 ☐ No	3 ☐ Yes 4 ☐ No — *Ask item 200e* →
(5) in a homeless shelter or other shelter, halfway house, or welfare hotel?	6840 *	1 ☐ Yes 2 ☐ No	3 ☐ Yes 4 ☐ No — *Ask item 200e* →
(6) in a single room occupancy hotel (SRO-hotel)?	6850 *	1 ☐ Yes 2 ☐ No	3 ☐ Yes 4 ☐ No — *Ask item 200e* →
(7) in a bus or train terminal, an all-night theater, makeshift structure, automobile, or other indoor sleeping location?	6860 *	1 ☐ Yes 2 ☐ No	3 ☐ Yes 4 ☐ No — *Ask item 200e* →
(8) on a street, in a park, under an underpass or other outdoor sleeping location?	6870 *	1 ☐ Yes 2 ☐ No	3 ☐ Yes 4 ☐ No — *Ask item 200e* →

NOTE — Ask item 200d (and item 200e if applicable) for each "Yes" in item 200b.

c. CHECK ITEM

☐ All "No" in item 200b — *Go to Control Card item 9a*

☐ Any "Yes" in item 200b — *Ask item 200d*

Notes

FORM AHS-22 (5-23-91)

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

ALTERNATE HOUSING SUPPLEMENT — Continued

(Ask if necessary)

200e. Who was that? *(Enter line number and name and ask 200f when "No" is marked in 200d).*

~645†	~646†	~647†
6880	6880	6880
Name	Name	Name

200f. How many nights did (. . ./you) spend there?

(1)	6890 ____ Nights	6890 ____ Nights	6890 ____ Nights
(2)	6900 ____ Nights	6900 ____ Nights	6900 ____ Nights
(3)	6910 ____ Nights	6910 ____ Nights	6910 ____ Nights
(4)	6920 ____ Nights	6920 ____ Nights	6920 ____ Nights
(5)	6930 ____ Nights	6930 ____ Nights	6930 ____ Nights
(6)	6940 ____ Nights	6940 ____ Nights	6940 ____ Nights
(7)	6950 ____ Nights	6950 ____ Nights	6950 ____ Nights
(8)	6960 ____ Nights	6960 ____ Nights	6960 ____ Nights

g. *Go to Control Card item 9a.*

Notes

OBSERVATION ITEMS

201a. How many stories are in the building, including the basement? *(If split level, count greatest number of stories on top of each other.)* ~609†

4780 ____ Stories in building (If 1 – 20)

OR

21 ☐ 21 or more

b. What is the condition of the light fixtures in the public halls? 4790

1 ☐ No public halls
2 ☐ All in working order
3 ☐ Some in working order
4 ☐ None in working order
5 ☐ No light fixtures
6 ☐ Fixtures turned off, unable to determine if working, not obviously broken

c. How many stories are there from main entrance of building to main entrance of sample unit? 4800

____ Stories up or down to home

0 ☐ Same floor

d. Is there a passenger elevator on this floor? 4810

1 ☐ No elevator
2 ☐ At least one working elevator
3 ☐ All elevators not working

e. Are there loose, broken, or missing steps on any common stairways inside this building or attached to this building? 4820

1 ☐ No common stairways — *Skip to item 201g*
2 ☐ Yes
3 ☐ No

f. Are all railings on the common stairways firmly attached? 4830

1 ☐ No stair railings
2 ☐ Yes
3 ☐ No

g. What is the external condition of the building that contains the sample unit, as visible from front of building or roadway?

(Mark (X) all that apply.)

4840 *
1 ☐ Sagging roof
2 ☐ Missing roofing material
3 ☐ Hole in roof
4 ☐ Could not see roof
} Roof

5 ☐ Missing bricks, siding, or other outside wall material
6 ☐ Sloping outside walls
} Walls

4850 *
7 ☐ Boarded up window(s)
8 ☐ Broken window(s)
9 ☐ Bars on window(s)
} Windows

4860
10 ☐ Foundation crumbling or has open crack or hole
11 ☐ Could not see foundation
} Foundation

OR

4870
12 ☐ Observed, but no listed conditions for roofs, walls, windows, or foundations

OR

13 ☐ Unable to observe

h. How would you classify the structure that contains the sample unit?

☐ One-unit building — detached
☐ One-unit building — attached
☐ Mobile home — one unit
} *Skip to item 202a, page 57*
☐ Two-or-more-unit building
☐ Mobile home — two-or-more units

i. How many living quarters are in the structure that contains the sample unit? *(Including the sample unit.)*

____ Number of living quarters

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

OBSERVATION ITEMS — Continued

The items on this page concern the area within 300 feet from the front entrance of the building in which sample unit is located.

202a. Which of these are within 300 feet of building containing the sample unit?

(Exclude this building.)

(Mark (X) all that apply.)

4890
- 1 ☐ Single-family, detached house(s)
- 2 ☐ Single-family, attached house(s) or low-rise (1—3 story) residential multi-unit building(s)
- 3 ☐ Mid-rise (4—6 story) residential multi-unit building(s)
- 4 ☐ High-rise (7+ story) residential multi-unit building(s)
- 5 ☐ Mobile home(s) (exclude campers)
- 6 ☐ Commercial, institutional, industrial building(s)

4900
- 7 ☐ Residential parking lot(s)
- 8 ☐ Body of water
- 9 ☐ Open space, park, woods, farm, or ranch

4910
- 10 ☐ 4+ lane highway, railroad or airport
- 11 ☐ Other — *Specify* _____

OR

- 12 ☐ Could not observe

b. What is the predominant age of residential buildings within 300 feet?

(Exclude this building.)

4920
- 1 ☐ Older than sample unit
- 2 ☐ About the same
- 3 ☐ Newer than sample unit
- 4 ☐ Very mixed
- 5 ☐ No other residential buildings

c. Are any buildings vandalized, or interior exposed to the elements?

(Exclude this building.)

4930
- 1 ☐ Yes, only one vandalized or exposed
- 2 ☐ Yes, more than one
- 3 ☐ None vandalized or exposed
- 4 ☐ No other buildings within 300 feet — *Skip to item 202e*

d. Are there bars on windows of buildings in area?

(Exclude this building.)

4940
- 1 ☐ Yes, only one building with bars
- 2 ☐ Yes, more than one
- 3 ☐ No bars on windows

e. What is the condition of streets?

4950
- 1 ☐ Major repairs needed
- 2 ☐ Minor repairs needed
- 3 ☐ No repairs needed
- 4 ☐ No streets within 300 feet

f. Is there trash, litter, or junk in streets, roads, empty lots, or on any properties?

(Include this building.)

4960
- 1 ☐ Major accumulation
- 2 ☐ Minor accumulation
- 3 ☐ None

INTERVIEW COMPLETED

203. Suggestions/Problems (InterComm or S*M*A*R*T suggestion form filled)

~4 20 ↑

4965
- 1 ☐ Questionnaire/Control Card suggestions or problems specific to this interview — *Describe on appropriate form*
- 2 ☐ General questionnaire/Control Card suggestion or problems — *Describe on appropriate form*
- 3 ☐ Procedural suggestions — *Describe on appropriate form*

204. Item number or item ranges involved in suggestion/problem

4971 ☐☐☐☐ – ☐☐☐☐

4973 ☐☐☐☐ – ☐☐☐☐

4976 ☐☐☐☐ – ☐☐☐☐

FORM AHS-22 (8-23-91)

Notes

FORM AHS-22 (8-23-91)

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

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Appendix B.
Sample Design, Weighting, and Telephone Experiments

SAMPLE DESIGN

This report is based on data from a sample of housing units selected from the 1980 census. Base-year data come from the 1980 census long-form data for these sample units. Data from base-year units with only 1980 census short-form data could not be used. Current-year data come from interviews conducted between July and December 1993. For 1993, we updated the sample selected from the 1980 census by adding newly constructed housing units and units discovered through coverage improvement efforts.

Base year. The base year consists of about 46,600 sample units. We either did not have or could not use the base-year data from about 8,200 of these units for the following reasons:

a. No 1980 census long-form data were available for one of the following reasons:

   1. The unit was missed or inadequately defined in the 1980 census (about 1,200 records).
   2. The unit filled out the 1980 census short form (about 4,900 records).
   3. The base-year unit did not match the 1980 census unit.

   NOTE: Most of the cases in 2 and 3, above, probably consist of mergers and conversions. Mergers usually had at least one noninterview because Mergers involved at least two base-year units, and there was usually only one or two long-form cases in a structure.

b. If either the base-year or current-year record for ‘‘Sames’’ were a noninterview, both records were treated as noninterviews. (about 5,800 records)

   NOTE: Some of these base-year/current-year noninterviews for ‘‘Sames’’ were caused by the three situations mentioned above. Thus, the sum of all the types of noninterviews will not add to the total.

These 8,200 records are known as type-A noninterviews.

Current year. The current year consists of about 53,000 sample units. We either did not have or could not use the data from about 6,700 of these units for the following reasons:

- No one was home after repeated visits.
- The respondent refused to be interviewed.
- If either the base-year or current-year record for ‘‘Sames’’ was a noninterview, both records were treated as noninterviews (about 5,800 records).

These 6,700 are known as type-A noninterviews.

Sample Selection

We selected the sample in several steps. First, we divided the United States into areas made up of counties or groups of counties and independent cities, which we refer to as primary sampling units (PSU’s). We selected a sample of these PSU’s. Then we selected a sample of housing units within these PSU’s.

Selection of sample areas. The sample for AHS is spread over 394 PSU’s. These PSU’s cover 878 counties and independent cities with coverage in all 50 States and the District of Columbia. If there were a sufficient number of housing units in a PSU, the PSU was known as a *self-representing PSU* and was in sample with certainty. The sample from the PSU represents only that PSU. There are 170 self-representing PSU’s.

We grouped the remaining PSU’s into strata and selected one PSU per stratum to represent all PSU’s in the stratum. We refer to these PSU’s as *nonself-representing PSU’s*. The sample nonself-representing PSU’s for AHS are a subsample of the Current Population Survey’s (CPS) sample areas.

Selection of sample housing units. The AHS sample consists of the following types of housing units:

- Housing units selected from the 1980 census.
- New construction in permit-issuing areas.
- Housing units missed in the 1980 census.
- Other housing units added since the 1980 census.

Housing units selected from the 1980 census. We selected a sample of housing units from the 1980 decennial census files using an overall sampling rate of about 1 in 2,148. We determined the within-PSU sampling rate so the overall probability of selection for each sample housing

unit was the same (e.g., if the probability of selecting a nonself-representing PSU was 1 in 10, then the within-PSU sampling rate would be 1 in 214.8 in urban areas).

All units selected from the 1980 census are base-year units. We used the 1980 census long-form data as the base-year data for these units. For ''sames,'' the current-year unit is the same as the base-year unit. For ''non-sames,'' the units resulting from any changes in the building are the current-year units. The specific types of components and how they were selected is given in more detail below.

We classified the areas within a PSU into two types based on (a) the completeness of the addresses in the areas that make up the PSU and (b) the presence of a system to monitor new construction through building permits.

The two types of areas were known as address enumeration districts (ED's) or area enumeration districts. We selected the sample of 1980 census units differently in the two types of areas.

In address ED's, most of the housing-unit addresses were complete, and the construction of new housing units was governed by building permits. We selected a sample of housing units from the list of units that received long- form questionnaires in the 1980 census.

We also used the census files to select a sample of living quarters in address ED's that did not meet the definition of a housing unit (e.g., military barracks, college dormitory). We use this sample to identify units that convert to housing units after the 1980 census.

In area ED's, 4 percent or more of the 1980 census addresses were either incomplete or inadequate, or new construction was not monitored by building permits (most rural areas).

We selected a sample of housing units from the list of units that received long-form questionnaires in several steps. First, we grouped area ED's based on certain characteristics of interest. Then we selected a systematic sample of ED's. We selected a sample of land areas in these ED's. Finally, we selected a sample of housing units that received 1980 census long forms within the land areas.

New construction in permit issuing areas. The building permit frame covers only nonmobile home new construction. We selected the sample of permit new construction housing units from permits expected to be completed after, April 1, 1980. In certain permit areas and for structures of certain sizes, we included permits issued as early as March 1979. But, for the most part, we included permits issued since July 1979. All units selected from this frame were current-year units.

Within each PSU, we selected building permits monthly, based on certain geography characteristics. We created clusters of approximately four housing units and subsampled units within these clusters at the rate of 1 in 4, yielding clusters of size 1. The overall probability of selection of these units is about 1 in 2,148.

Housing units missed in the 1980 census. The Census Bureau conducted a special study, called the Housing Unit Coverage Study (HUCS), as part of the 1980 census.

This study identified units at addresses missed or inadequately defined in the 1980 census. We included a sample of the units identified in the HUCS in the AHS sample. All base-year cases were noninterviews since there was no 1980 census data. All current-year ''Sames'' were also noninterviews. However, the current-year ''Non-sames'' resulting from changes to the structure were interviews if we were able to obtain the data for these units.

Housing units added since the 1980 census. We pick up two other types of units added since the 1980 census: (a) units added within structures containing sample units and (b) whole-structure additions that did not contain living quarters at the time of the 1980 census.

Within-structure additions. These additions have a chance of being in sample because there is at least one unit that existed at the time of the 1980 census and was eligible for selection. We identified these adds in structures with at least one unit selected from the 1980 census sample and the HUCS sample. The rules for identifying within-structure additions differed in certain types of areas and frames. The current-year components affected most by this are Mergers and Conversions.

The resulting sample units were all current-year units. The units from which they were created were all considered base-year sample units, whether we selected them from the 1980 census or not. This helped increase the reliability of these rare base-year and current-year components.

In area ED's, all within-structure additions in structures containing at least one sample unit were interviewed for the AHS. Current-year mobile home components such as Mobile homes moved in and new construction mobile homes, are impacted the most by this.

In address ED's and in the HUCS , we interviewed all within-structure additions in 1-to-15-unit structures containing at least one sample unit for AHS. In 16-or-more-unit structures, we only interviewed a representative sample of adds. This affects mobile homes in mobile home parks, From nonresidential conversions, Mergers, and Conversions.

Whole-structure additions. These types of additions are units in structures that contained no living quarters at the time of the 1980 census. We used area sampling methods to identify these units in all types of areas. Under area sampling, we list all housing units within a land area and then select a systematic sample. The initial listing in 1985 identified structures added since 1980. Subsequent updatings identified new structures added since the previous updating. All of these units are current-year units since

there are no base-year units in the structures. The current-year components affected most by this are New construction, From nonresidential conversions, and house or mobile home moved in.

To identify whole-structure additions in *address ED's,* we used land areas in sample for the Health Interview Survey (HIS). We only used HIS areas that were in AHS PSU's or in HIS PSU's adjacent to AHS PSU's. Only units that were not already assigned to HIS were eligible.

We matched these units to the 1980 census address registers. If the address matched to the census, the unit was ineligible. (Only the basic address, i.e., 801 Main Street, had to match. Apartment number, mobile home site number, etc., did not have to match.)

At the time of listing, we screened eligible units further to pick up units with no previous chance of selection. (The screening eliminated units such as nonmobile home new construction, which is covered by building permits, and census misses.)

In *area ED's where new construction is not governed by building permits,* we used all land areas chosen for the area ED sample. We selected an expected four units, using area sampling methods, within these land areas to identify whole-structure additions. However, we did not match this sample to the census. Instead, we screened this sample at the time of listing, using criteria similar to those used in address ED's. One important difference to note is that we did not eliminate nonmobile home new construction during the screening process.

In *area ED's where new construction is governed by building permits,* we only used one-third of the land areas chosen for the area ED sample. Before 1991, we selected an expected eight units using area sampling methods within these areas to identify whole-structure additions. Beginning in 1991, we selected an expected 12 units. We screened this sample at the time of listing using the same criteria as for address ED's. Again, we did not match this sample to the census. The screening process eliminated nonmobile home new construction, because it is covered by the building permit frame.

WEIGHTING

We assigned each unit a weight to reflect the correct probability of selection.

Also, since we kept all within-structure changes in certain types of buildings, the probability of selection is greater for these units. We adjusted the base weight of these units to reflect the correct probability of selection. The components affected the most by this procedure are (a) Mergers, (b) Conversions, (c) From nonresidential conversions, (d) Moved-to-site mobile homes, and (e) new construction mobile homes. After applying this weight, the AHS weighting procedure consists of two phases.

First Phase

In the first phase, we make a series of adjustments to account for units that could not be interviewed for a number of reasons. For each of these adjustments, we compute a factor and apply it to the appropriate units. The factors equal the following ratio:

$$\frac{\text{Interviewed housing units} + \text{Housing units not interviewed}}{\text{Interviewed housing units}}$$

The interviewed housing units have the above factor applied to them. The first of these adjustments, done only in permit segments, accounts for permits that could not be sampled and units that could not be found. These are represented by all other units in permit segments including both interviews and noninterviews (excluding unable-to-locate units).

The second of the adjustments accounts for units in structures built before the 1980 census that could not be found. The unlocatable units are represented by both interviews and noninterviews (excluding unable-to-locate units).

The last of these adjustments accounts for type-A noninterviews. (See the section on Sample Design for a description of type-A noninterviews.) We did this adjustment separately by type of component.

For the base-year and current-year ''Sames,'' we had to treat both records as noninterviews if either the base-year or the current-year record was a noninterview. This was necessary because the number of ''Sames'' should be identical in both years. In order to maintain the same weight on each record in both years, a noninterview for one year would have to be dropped for both years.

The cells vary by component type and year but, in general, include the following characteristics:

- Tenure (i.e., owner or renter).
- Geography.
- Type of housing unit (i.e., mobile home or nonmobile home).
- Units in structure.
- Number of rooms.
- CINCH component classification.

Second Phase

The second phase involves a four-stage ratio-estimation procedure that adjusts for the following: (a) sampling of nonself-representing PSU's, (b) differences between base-year (1980) sample estimates and 1980 census totals for key characteristics, (c) known sampling deficiencies in new construction, and (d) differences between current-year sample estimates and estimates derived from independent sources for key characteristics.

The *first stage* of this procedure reduces the portion of the variance due to the sampling of nonself-representing PSU's. The procedure accounts for differences that existed at the time of the 1980 census between housing units estimated from the nonself-representing sample PSU's and the 1980 census count of housing units from all nonself-representing strata.

We compute factors accounting for these differences separately for the following characteristics: (a) region, (b) tenure, (c) metropolitan area status, and (d) urban or rural status. In addition, we use ethnicity (i.e., Hispanic, non-Hispanic) in the South and West regions and race in the South region. We used characteristics from base-year units to define the cells for current-year units when possible. Otherwise, we used characteristics from the current-year unit.

The first-stage factor equals the following ratio:

$$\frac{\text{1980 census housing units for all nonself-representing strata in a cell}}{\text{Number of 1980 housing units in the same cell estimated from the sample nonself-representing PSU's}}$$

We calculate the numerators of the ratios by summing the 1980 census housing-unit counts for each cell across all nonself-representing strata. We compute the denominators by weighting the 1980 census housing-unit counts from each nonself representing sample PSU by the inverse of the probability of selection for that PSU. Then we sum the weighted counts across all nonself-representing sample PSU's.

The *second stage* of the ratio estimation procedure adjusts the CINCH base-year sample estimate to 1980 census totals adjusted for net housing unit undercoverage. It consists of three steps.

First, we control the CINCH base-year sample estimate of mobile homes and nonmobile homes to 1980 census totals not adjusted for undercoverage, by region. Next, we control the CINCH base-year sample estimate to four tenure/race-of-head and four type-of-vacant cells per region. We derived these controls using 1980 census totals adjusted for undercoverage, and 1979 and 1980 AHS-N distributions. Finally, we repeat the first two steps until the sample estimates are sufficiently close to both sets of census totals.

We apply these base-year factors to all base-year interviews and to current-year interviews whose coverage depended on the base-year. That is, we miss current year units because of poor coverage in the base year and not the current year. These current-year units included (a) ''Sames,'' (b) Mergers, (c) Conversions, and (d) mobile homes that move to old sites (i.e., sites selected for sample from the 1980 census).

Both factors in the second stage equal the following ratio:

$$\frac{\text{1980 census total for a cell}}{\text{CINCH sample estimate for the cell}}$$

The numerator for the mobile home/nonmobile home factor comes from the unadjusted 1980 census totals. The numerator for the other base-year factor comes from the 1980 census and are adjusted for net housing unit undercoverage (i.e., undercoverage minus overcoverage). We compute the denominator by summing the existing weight on all records after the first stage of ratio estimation.

The *third stage* of the ratio estimation procedure adjusts the CINCH sample estimate of new construction to independently derived control totals from the 1993 AHS. Like the second stage, this stage also consists of three steps. First, we control the CINCH sample estimate of new construction to six year-built/size-of-structure cells for nonmobile homes and three year-built cells for mobile homes for each region.

Next, we control the CINCH sample estimate of new construction to four tenure/race-of-head and four type-of-vacant cells per region. Finally, we repeat the first two steps until the estimates are sufficiently close to both sets of independent totals.

We apply the factors to all new construction units. Both factors in the third stage equal the following ratio:

$$\frac{\text{Control total from 1993 AHS for a cell}}{\text{CINCH sample estimate for the cell}}$$

The numerators come from the 1993 AHS. For the year-built cells, the AHS controls its sample estimate to independent control totals from the Survey of Construction (nonmobile homes) and the Survey of Mobile Home Placements (mobile homes). For the tenure/race-of-head and type-of-vacant cells, the 1993 AHS controlled new construction, along with all other interviewed units, to data based on the 1990 census. For more details on the 1993 AHS weighting procedure, see appendix B of the H150/93 Current Housing Reports.

We compute the denominators by summing the existing weight on all records after the second stage of the ratio estimation procedure.

The *fourth stage* of the ratio estimation procedure adjusts the CINCH sample estimate of additions (other than Conversions and new construction) to controls computed from independently-derived total housing unit counts. We control the sample estimate separately by occupied and vacant units for each region. The factor equals the following ratio:

$$\frac{\text{Control total of additions for a cell}}{\text{CINCH sample estimate of additions for the cell}}$$

To generate current-year controls, we subtracted current-year ''Sames,'' Mergers, Conversions, and New construction estimates from an independent total (the total number of current-year housing units). The independent totals were

based on the 1990 census and were derived using new construction permits, demolitions, and mobile home placement data to estimate the current housing inventory from the 1990 census. New construction was already adjusted for sample deficiencies and undercoverage in the third stage of the ratio estimation procedure. We adjusted current-year "Sames," Mergers, and Conversions along with the base-year components in the second stage of the ratio estimation procedure. The remaining difference between the current-year controls and sample estimates is assumed to represent sample deficiencies and undercoverage for the remaining current-year components.

We compute the denominators by summing the existing weight on all records for additions other than conversions and new construction after the third stage of the ratio estimation procedure.

TELEPHONE EXPERIMENTS

In 1993, we used three different methods of interviewing: personal visit, decentralized telephone interviewing, and computer assisted telephone interviewing (CATI). Seventeen percent of the interviews (10,486) were completed using CATI and thirty-one percent by decentralized telephone interviewing (18,958). However, most interviews were conducted by personal visits (31,482).

CATI was generally assigned to areas where it is difficult to hire and retain field representatives. These areas are typically large urban PSU's.

All multiunit structure listings are updated through personal visits regardless of interviewing method. Single-unit structure listings are updated over the phone for telephone interviews. Changes in single-unit structures interviewed by phone will be missed if the respondent does not report the change.

a. **Decentralized telephone interviewing**

Possible effects of decentralized telephone interviewing on the data—We conducted a large scale decentralized telephone interviewing experiment for the 1983 AHS-National. Prior to 1983 all interviews were done by personal visits. The experiment provided more detailed information about the effects of decentralized telephone interviewing on the data. We concluded telephone interviewing had the following effect on the data: (a) telephone interviewing increased the item nonresponse rate for income items although this effect did not appear to cause changes in the published estimates and (b) problems with neighborhood quality were underreported, although this effect was minimal.

b. **Computer assisted telephone interviewing (CATI)**

We conducted large-scale Computer Assisted Telephone Interviewing (CATI) experiments as part of the 1987 (6,400 CATI interviews), 1989 (5,800 CATI interviews), and 1991 (6,142 CATI interviews) enumerations for AHS-N. Although there were differences between CATI and non-CATI data in 1987, 1989, and 1991, we recommended continuing CATI for the 1993 AHS-N. We identified many positive aspects of CATI. One positive aspect is that with CATI supervisors have the ability to monitor and observe inexperienced CATI interviewers while they collect data. Another benefit of CATI is if we use CATI in geographic areas with interviewer retention problems, we could hire fewer new interviewers. Therefore, the CATI data we obtain would be at least as good as the non-CATI data we would settle for otherwise. We will continue to use CATI in these areas to reconcile questionable results from previous enumerations and to improve AHS data quality.

Possible effects of computer assisted telephone interviewing (CATI) on the data— There is strong evidence differences exist in data collected by CATI versus non-CATI. We do not know for sure, however, which method produces better data. Analysis of the CATI experiment conducted in 1987 indicated CATI had a substantial effect on some AHS-N characteristics.

Based on the results from the 1987 and 1989 analyses, we made the following changes to the CATI interview in 1991:

- We moved the heating equipment reconciliation from the end of the interview to right after the question. We also changed the response based on the reconciliation answer.
- We added a probe and reconciliation to the question on the presence of a mortgage. We also changed the response based on the reconciliation answer.
- We added a probe for lot size, units-in-structure, and the age of household appliances (e.g., refrigerator) if the respondent initially replied that they did not know.
- We improved the training for CATI interviewers and CATI supervisors, putting more emphasis on probing and dealing with "don't know" responses.

Use of the probes resulted in substantial reductions in "don't know" answers. Most of the items where probes were added showed at least 50 percent fewer "don't know" responses in 1991 compared to 1989. Other information from the 1991 experiment confirmed the results of the experiments conducted in 1987 and 1989.

We used the same method of analysis for the 1987, 1989, and 1991 experiments. We weighted data from the CATI and non-CATI treatment panels separately using the

AHS-N estimation procedure described in the section on estimation. We produced estimates from the two treatments in data tables for characteristics provided in chapter 2 of the AHS-National publication. We used t-statistics to test differences between estimates from the CATI and non-CATI treatments.

The 1987 and 1989 analyses of the t-tests yielded similar results. The percents of significant differences observed at the 10 percent, 5 percent, and 1 percent significance levels were higher than what we expected by chance (e.g., we expected 10 percent of the tests to yield significant results, by chance, when tested at the . $\alpha = .10$ significance level). For 1991, results show fewer significant differences than in 1987 and 1989, although the proportion is still higher than expected. It appears the changes introduced in 1991 had some effect on the CATI responses.

T-Test Results

Survey year	Proportion of significant tests (percent)		
	$\alpha = .10$	$\alpha = .05$	$\alpha = .01$
1987	11.1	6.2	1.9
1989	11.7	6.8	2.3
1991	10.2	5.9	1.7

For characteristics of total occupied units, the significant differences for estimates for panels assigned to CATI versus panels assigned to non-CATI treatment ranged from about 6 to 40 percent.

The following table shows which groups had the most significant differences between CATI and non-CATI estimates for 1987, 1989, and 1991.

Groups With Differences Between CATI and Non-CATI Estimates

Groups	1987	1989	1991
Owner occupied housing units	Y	Y	Y
Urban housing units	Y	Y	Y
Housing units with moderate physical problems	Y	Y	Y
Total occupied housing units		Y	Y
Housing units in the suburbs (in MSA's)		Y	Y
Housing units which moved in the past year		Y	Y

For both 1987 and 1989, the analyses also revealed CATI had an effect on certain items within the groups. The following table contains those items and indicates whether CATI (C) or non-CATI (N) estimates were higher. If neither estimates were higher, the results were termed inconclusive (I).

Items Within Groups Showing Differences Between CATI and Non-CATI Estimates

Items	1987	1989	1991
Lot size	I	I	I
Water leakage	N	N	N
Income	I	I	I
Monthly housing costs as percent of income	N	N	N
Housing ownership shared by person not living at the unit	C	C	C
Utilities paid separately from rent	C	C	C
Owners with a mortgage	N	N	N
Routine maintenance costs	I	I	I
Heating equipment	I	I	I
Other (additional) heating fuels	N	N	N

We used data from both CATI and non-CATI treatments to produce the data presented in this publication. The published estimates for the groups and items mentioned previously are different from what we would have gotten had we used maximum decentralized telephone interviewing for all units. You can get detailed information on which specific characteristics are affected and the extent of the effect by writing to:

Demographic Statistical Methods Division
Bureau of the Census
Washington, DC 20233

Conclusions. The 1991 AHS-N results confirmed the findings from both the 1987 and 1989 studies. There is strong evidence there are differences in data collected using CATI versus non-CATI methods. We do not know which method provides better data. However, we speculate that CATI income estimates are probably better than non-CATI, but that some other estimates are probably worse.

For income, CATI ensures all questions are asked. The computer will not allow the interviewer to skip any questions. For other items, we believe non-CATI estimates are more accurate because it is unlikely people would over-report things like water leaks.

These findings affect various types of estimates and comparisons. In particular, change estimates across 1985, 1991, and 1993 are biased and longitudinal analysis is adversely affected since we used CATI in 1991 and 1993. Personal visits were the only type of data collection done for 1985. The extent to which we use CATI in the future will determine the impact on longitudinal analyses involving data from 1985.

Reconciliation experiment. As part of the CATI, we conducted reconciliation studies in the 1987, 1989, 1991, and 1993 AHS-N enumerations. If the responses for a particular year differed from the previous year, we asked the respondent to explain the difference. Our goal was to determine if there was a change since the previous year or if one of the responses was wrong.

1987 reconciliation study. The 1987 reconciliation study indicated respondents had difficulty reporting items such as the following: (a) presence of basement, (b) heating equipment, and (c) heating fuel.

The number of respondents who said their 1985 response was wrong was about the same as the number who said their 1987 response was wrong. Since we interviewed all households by personal visit in 1985, this indicates an effect due to certain questions rather than the mode of interview.

1989 and 1991 reconciliation studies. We conducted reconciliation studies in AHS-N in 1989 and 1991 with some of the questions from the 1987 study. The results were similar to the 1987 study. Results indicate problems reporting the presence of a basement, and type of heating equipment. More respondents indicated the prior year response, rather than the current year response, was wrong.

1991 moderate physical problems (MPP's) study. In 1991, an experiment was done to determine why CATI reported fewer moderate physical problems (MPP's) than non-CATI. The low estimates of MPP's found by CATI, relative to non-CATI in 1987 and 1989 AHS-N were likely caused by CATI underestimating MPP's and non-CATI overestimating MPP's. Thirty-seven percent of the differences between CATI and non-CATI were attributed to CATI missing a true MPP. And forty-two percent of the differences were attributed to non-CATI recording MPP's which reconciliation showed did not exist.

Appendix C.
Historical Comparisons and Changes

Age of Other Residential Buildings Within 300 Feet

1987. See the discussion under the topic ‘‘Buildings and Neighborhood.’’

Bars on Windows of Buildings

1987. See the discussion under the topic ‘‘Buildings and Neighborhood.’’

Buildings and Neighborhood

1987. As a result of the use of both decentralized telephone interviewing and Computer Assisted Telephone Interviewing (CATI) in the 1987 AHS-N and later, data for several observation items (where the interviewer rather than the respondent supplied the data) are not comparable to that reported in the 1985 AHS-N. Data for the observation items for units assigned to telephone interviewing were collected only if the sample unit was located in a multiunit structure. Data for the following items in 1987 and later are restricted to units in multiunit structure: ‘‘Stories in structure’’; ‘‘External building conditions’’; ‘‘Description of area within 300 feet’’; ‘‘Age of other residential buildings within 300 feet’’; ‘‘Other buildings vandalized or with interior exposed’’; ‘‘Bars on windows of buildings’’; ‘‘Condition of streets’’; and ‘‘Trash, litter, or junk on streets or any properties.’’ Data for these items were shown for all units in 1985, including single-family homes.

Computer Assisted Telephone Interviewing (CATI)

1987. Large-scale CATI experiments were conducted as part of both the 1987, 1989, and 1991 AHS-N. Preliminary analysis of the CATI experiments indicated that CATI has a significant effect on the data. The experiments revealed that characteristics’ data for owner housing, urban housing, and housing with moderate physical problems exhibited high numbers of significant differences between CATI and non-CATI estimates. The moderate physical problems subgroup had the highest incidence of significant differences. The analysis also showed significant differences for total occupied, suburban housing units, and moved in past year. CATI characteristics estimates were generally lower than non-CATI for units with water leakage, monthly housing costs as percent of current income, other heating fuel, and owners with a mortgage. However, CATI produced higher estimates for utilities paid separately, income and shared ownership. Other characteristics which showed significant differences between CATI and non-CATI estimates include routine maintenance costs and heating equipment.

Condition of Streets

1987. See the discussion under the topic ‘‘Buildings and Neighborhood.’’

Description of Area Within 300 Feet

1987. See the discussion under the topic ‘‘Buildings and Neighborhood.’’

External Building Conditions

1987. See the discussion under the topic ‘‘Buildings and Neighborhood.’’

Income

1989. Two new items in 1989 replaced similar items that were published in 1985 and 1987. They are ‘‘Monthly housing costs as percent of current income’’ and ‘‘Ratio of value to current income.’’ For income, these new items use ‘‘Current income.’’ In 1985 and 1987, the items ‘‘Value-income ratio’’ and ‘‘Monthly housing costs as percent of income’’ used the ‘‘Income of families and primary individuals in the last 12 months.’’ See appendix A for a complete definition of ‘‘Current income,’’ ‘‘Monthly housing costs as percent of current income,’’ and ‘‘Ratio of value to current income.’’ We recommend caution when comparing 1985 data with 1989 because of the differences in the definitions. For comparative purposes, the following table shows monthly housing costs as a percent of both income in the last 12 months and current income. For total households and owner households, the medians are the same for both types of income; for renter households, the medians are 29 and 27 percent, respectively.

Married-Couple Families

1985. It was discovered that the published 1985 estimates of married-couple families with no nonrelatives were overestimates as a result of an error in processing. The 1985

overestimate was approximately 340,000. The overestimated married-couple families with no nonrelatives should have been tabulated under two-or-more-person households as either other male or other female householders. This error was corrected in 1989. The table below provides corrected figures for 1987.

Table B. **Estimates of Married-Couple Families With No Nonrelatives and Other Two-or-More-Person Households: 1987**

Characteristic	Estimate
Married-couple families, no nonrelatives	50,084,000
Other two-or-more-person households	18,853,000
Male householder	6,421,000
Female householder	12,432,000

Monthly Housing Costs

1989. A new question asked subsidized renters for the amount their houshold is required to pay, and this question was used as part of selected monthly housing costs. See the discussion under the topic ‘‘Income.’’

Neighborhood

1987. See the topic ‘‘Buildings and Neighborhoods.’’

Other Buildings Vandalized or With Interior Exposed

1987. See the discussion under the topic ‘‘Buildings and Neighborhood.’’

Plumbing Facilities

1985. The data on plumbing facilities, which were suppressed in 1985, are shown in 1991 and later. The changes in the 1985 AHS-N questionnaire that resulted in serious deficiencies in these data were modified starting in 1989. In 1983 and earlier, respondents were asked a question on complete plumbing facilities that specified to the respondent the components necessary for complete plumbing (i.e., hot and cold piped water, a flush toilet, and a bathtub or shower). The question further ensured that these facilities were only for the use of the occupants of the unit in which they were located (exclusive use). In those units with complete plumbing, an additional question was asked as to how many bathrooms there were. In the 1985 AHS, respondents were first asked how many full bathrooms they have. If they answered one or more, questions on plumbing facilities were not asked; the unit was assumed to have complete plumbing facilities for exclusive use. Although the 1985 definition of a bathroom requires hot and cold piped water, a sink, a flush toilet, and a bathtub or shower, this definition was not read to the respondent. Also, nothing in the question required the bathroom to be only for the use of the occupants of the sample unit (exclusive use). We believe that the 1985 AHS counted a significant number of units as having complete plumbing for exclusive use because respondents for these units reported having a bathroom when, in fact, either the bathroom did not contain all plumbing facilities or the facilities were shared by persons living in another unit. Based on previous years’ AHS data, we believe the ‘‘completeness’’ was more of a problem than ‘‘exclusive use.’’ Therefore, the data for 1985 were suppressed. Beginning in 1989, the AHS-N questionnaire items on bathrooms and plumbing were modified to provide more accurate estimates. Respondents were asked, ‘‘How many full bathrooms with a sink, with hot and cold piped water, a flush toilet, AND a bathtub or shower does this house/apartment have?’’ Also, an additional question was asked, ‘‘Are the bathrooms for this household’s use only?’’ If the respondent reported no bathrooms, detailed questions on each required plumbing facility were asked separately. Units lacking complete plumbing facilities are included in the count of units with severe physical problems. The number of units with severe physical problems may have been underestimated in 1985. It also appears the units with moderate problems may have been overestimated. There was an unrealistic increase in units with severe problems between 1985 and 1989 because of redesigning the plumbing facilities question. Occupied housing units with severe problems went from 1,559,000 in 1985 to 3,161,000 in 1989. This increase also affected medians as the following table shows.

Table C. **Median Year Structure Built, Rooms, and Square Footage for Units With Severe Physical Problems: 1985 and 1989**

Median	1985	1989
Year structure built	1938	1955
Rooms	4.0	4.8
Square footage	948	1,389

There was an unrealistic decrease in the total number of units with moderate problems. Total units dropped from 5,814,000 in 1985 to 4,442,000 in 1989.

Severe and Moderate Problems

1985, and 1991. The data concerning units with severe and moderate problems in 1991 and later are not entirely comparable with similar data published in 1985. See the discussion under the topic ‘‘Plumbing Facilities.’’

Stories in Structure

1987. See the discussion under the topic ‘‘Buildings and Neighborhood.’’

Trash, Litter, or Junk on Streets or Any Property

1987. See the discussion under the topic ‘‘Buildings and Neighborhood.’’

Utilities

1989. Beginning in 1989, two procedures were introduced that attempt to correct the overreporting of electricity and gas costs in the AHS-N. In the first procedure, respondents were asked the amount of the electricity and/or gas bill for the previous months of January, April, August, and December. These months are the best predictors of annual costs. If the respondent provided data for at least 3 of the 4 months (1 month for recent movers), the results were used to provide an annual estimate of costs. This estimate was then divided by 12 to provide average monthly costs. The second procedure was applied to the remaining units. If the respondents did not know the amount of their electricity and/or gas bill for at least 3 of the 4 months, we used their estimate of average monthly costs. A factor was then applied that, in effect, lowered these costs to make them consistent with electricity and gas costs reported in the Residential Energy Consumption Survey sponsored by the United States Department of Energy. Before 1989, respondents were only asked to provide an estimate of average monthly costs. Research has shown that this approach produces 15 to 20 percent overestimates of electricity and gas costs. The new procedures in 1989 and later produce lower and more accurate estimates. On average, more than one-third of the respondents provided answers for at least 3 of the 4 months.

Appendix D.
Errors

All numbers in this book are estimates. As in other surveys, errors come primarily from wrong answers, incomplete data, and sampling.

NONSAMPLING ERRORS

Nonsampling errors are usually the largest source of errors, larger than sampling errors. Errors from wrong answers and from incomplete data apply to some items, discussed in the next paragraphs.

Wrong answers. Wrong answers happen because people misunderstand questions, cannot recall the correct answer, or do not want to give the right answer. Table 1, at the end of the appendix, shows which items have high inconsistency when people are reinterviewed after a few weeks. The actual survey cannot catch and reconcile these inconsistencies, so a high rate of wrong answers remains. Not all questions have been checked for inconsistencies. The ones checked were the questions where inconsistencies seemed likely. Questions measuring opinions were likely to have high inconsistencies.

The numbers in table 1 are percents. They are nearly the same as: 100 minus the correlation between answers in the original interview and the reinterview. For example, an inconsistency of 20 means a correlation of 80 percent, which is good. This is the correlation between answers to the same question, usually from the same respondents, a month apart. Wrong answers make results wrong, and mean that data on groups, for example income groups, are infected with data from people who really are not like the group at all. Readers should be wary of drawing firm conclusions from items with high inconsistency.

Coverage errors. Each home in the AHS-N sample represents a large number of other homes. However, because of incomplete sampling lists (i.e., undercoverage) the homes in the survey do not represent all homes in the country. Therefore, the raw numbers from the survey are raised proportionally so that the numbers published here match independent estimates of the total number of homes. These independent estimates are based on the 1990 Census of Housing, plus changes since then. Current year housing unit undercoverage is about 2.6 percent. Overall there was very little undercoverage for the base year. Table A lists units that have known coverage deficiencies.

Table A. **Undercoverage of Units**

Type of unit	Reason for undercoverage
Mobile homes.	Poor coverage of new mobile home parks in address enumeration districts. This impacts new construction mobile homes, mobile homes moved in, and mobile homes moved out.
Conventional new construction	Permits issued fewer than 6 months before interviewing are not considered. This impacts conventional (i.e., nonmobile home) new construction.
New construction in special places .	Not covered in permit areas. Some special places in nonpermit areas are covered. This impacts conventional new construction.
Whole structure additions	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. This impacts moved in units, New construction and From nonresidential conversions.
Conversions from nonresidential units	Nonresidential units at the time of the 1980 census which converted to residential units were missed.

Mobile homes were overrepresented by about 20 percent in our sample of base year (i.e., 1980) units. The second stage of the ratio estimation procedure (see appendix B) adjusts for this. All components containing mobile homes are impacted by this adjustment. The largest impact is on mobile homes moved in and mobile homes moved out.

The base-year, new-construction, and current-year ratio-estimation procedures adjust these deficiencies for the total number of housing units only. Biases of subtotals and components still exist. The error associated with these units is included in the error resulting from incomplete data, below.

Incomplete data.[1] Incomplete data happen because sampling lists are incomplete; and because people refuse the interview or some of the questions, or do not know answers.

[1]Statistical note: The paper, *How Response Error, Missing Data and Undercoverage Bias Survey Data*, estimates that 90 percent of errors from incomplete data are less than: 200 + .58 x (lesser of A or 100,000 − A), where A is any count published in this book (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* is available from HUD User at the address in the ‘‘Explanations and Cautions’’ section at the front of this book.

Table 2 (at the end of this appendix) shows which items have the least complete data. These are primarily items that people forget or consider personal: mortgages, other housing costs, and income. The computer may assign or ''impute'' values for these items. We do not know how close the imputed values are to the actual values. Incompleteness can cause large errors, since when even 10 percent of homes are missed by a particular question, they represent about 10 million homes which have to be estimated, on little or no basis (100 million homes are in the U.S.). The survey estimates them by assuming that they are like some group of homes which did give data, an assumption which is never exactly true. Table 3 gives an estimate of the standard error associated with the bias that may be introduced by this assumption. Thus, it is not surprising that large nonsampling errors are possible when the survey has data for only 50 to 90 percent of homes for particular items, as shown in table 2. Again readers should be wary of items with highly incomplete data.

Effect on income. The nonsampling errors interact particularly badly for income. It is inconsistently answered (table 1), incompletely answered (table 2), and the totals fall short of totals known from the National Income Accounts, especially for the elderly.[2]

Component determination. The CINCH component classification is also subject to error. The Housing and Household Economic Statistics Division reviews listing sheets of components which have a high rate of incorrect reporting (e.g., Mergers and Conversions) as well as listing sheets where the component is not consistent with other data collected. All errors found are corrected; however, there are some mistakes which can not be detected. For example, there is no way to tell if the interviewer indicated a conversion to more units when, in fact, a new wing or floor had been added. We do not have any information on the magnitude of this error.

SAMPLING ERRORS

Definition. Error from sampling reflects how estimates from a sample vary from the actual value. (Note: ''actual value'' means the value that would appear if all housing units had been interviewed, under the same conditions, rather than only a sample. A confidence interval is a range which contains the actual value with a specified probability.)

Counts. Most numbers in this book are counts of housing units (e.g., units with basements or units with an elderly person). These counts have error from sampling. Table B gives a convenient list of errors for a range of numbers. These errors are an overestimate for most items. To get a more accurate answer, use the appropriate formula shown in table 4 (at the end of this appendix). As with the other types of errors, readers should be wary of numbers with large errors from sampling.

Table B. **Errors From Sampling to Compute a 90-Percent Confidence Interval**

When this book lists one of the following numbers—	The chances are 90 percent that the actual value is inside the range of plus or minus—
0	5
10	9
100	30
500	66
1,000	93
2,500	146
5,000	204
10,000	282
25,000	409
50,000	479
75,000	431
95,000	276
104,000	71

Source: These errors were computed based on a formula in table 4a or 4b with high error. This table represents a conservative example. The numbers are in thousands.

The error from sampling cannot be known exactly. We approximate it using the following formula for constructing a 90-percent confidence interval:

$$1.64 \times \sqrt{3.25 \times A - .000036 \times A^2}$$

where A is a number (a count of units) in this book.

This formula is an overestimate for most items. To get a more accurate estimate, use the appropriate formula in table 4a or 4b.

For example if A is 200:

$$1.64 \times \sqrt{3.25 \times 200 - .000036 \times 200 \times 200} = 42$$

The 90-percent confidence interval can then be formed by adding and subtracting this error to the survey estimate of 200 (i.e., 200 ± 42). Statements such as ''the actual value is in the range 200 ± 42 (158 to 242),'' are right 90 percent of the time and wrong 10 percent of the time.[3]

Numbers in the book are printed in thousands, so 200 means 200,000. The formulas are designed to use numbers directly from the book; do not add zeros. The result is also in thousands, so 42 means 42,000.

[2]Data are in the *Codebook for the American Housing Survey*, available from HUD User at the address in the ''Explanations and Cautions'' section at the front of this book.

[3]The formula in the text is based on 1.64 times the error from sampling. This formula gives ''90-percent confidence interval errors.'' For 95-percent confidence interval errors multiply by 1.96 instead of 1.64; for 99-percent confidence multiply by 2.58 instead of 1.64.

Percents. Any subgroup can be shown as a percent of a larger group. The error from sampling for a 90-percent confidence interval for this percent is:

$$1.64 \times \sqrt{3.25\ P\ (100 - P)\ /A}$$

where P is the percent; A is the denominator, or base of the percent.[4]

This formula is an overestimate for most items. To get a more accurate estimate, replace the first number under the square root sign with the first number under the square root sign of the appropriate formula in table 4a or 4b.

For example, the error from sampling for a 90-percent confidence interval for 40 percent of 200 (meaning 200,000) is:

$$1.64 \times \sqrt{3.25 \times 40 \times 60/200} = 10.2$$

Statements such as "the actual percent is in the range 29.8 percent to 50.2 percent" are right 90 percent of the time. This formula is an overestimate for most items. To get a more accurate estimate, change the first number under the square root sign here, 3.25, to the first number given under the square root sign of the appropriate formula in table 4a or 4b.

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. The error from sampling for a 90-percent confidence interval for a ratio C/D[5] is:

$$(C/D)\ \sqrt{((\text{error for C})\ /C)^2 + ((\text{error for D})\ /D)^2}$$

Medians. The following steps calculate the error from sampling for a 90-percent confidence interval for medians.[6]

Steps for calculations	The formula	An example	Your data
How many total units is the median based on (in thousands, exclude "not reported" and "don't know")?	A	200	___
What are the end-points of the category the median is in?	X - Y	$50-74	___
What is the width of this category (in dollars, rooms, or whatever the item measures)?	W	$25	___
How many housing units are in this median category (in thousands)?	B	30	___
Then the error from sampling for the median is approximately:[7]	$\frac{1.6 \times W \times \sqrt{A}}{B}$	$\frac{1.6 \times 25 \times \sqrt{200}}{30}$ = 19	___
The 90-percent confidence interval for the median is:	median $\pm \frac{1.6 \times W \times \sqrt{A}}{B}$	median ± $19	___

Differences. Two numbers from this book, like 34 and 40 or 40 percent and 45 percent have a "statistically significant difference" if their ranges of error from sampling for a 90-percent confidence interval do not overlap. When ranges of error 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:[8]

$$\sqrt{(\text{error for 1st number})^2 + (\text{error for 2nd number})^2}$$

For example, if the first number is 34 with an error of 17 and the second number is 40 with an error of 19, then the 90-percent confidence interval error for this difference of 6 is:

$$\sqrt{17^2 + 19^2} = 25$$

Since the difference is less than this error, these two numbers are not statistically different.

[4]This formula is actually $1.64 \times \sqrt{(p(100-p)/n)}$, since 3.25/A adjusts the data to the effective sample size.

[5]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.

[6]For small bases use the more accurate approach in table 5.

[7]The factor 1.6 is a conservative estimate for most items. For a better approximation, find the appropriate formula in table 4 and divide the first number under the square root sign by 3.25. Take the square root of this answer and multiply by 1.6 to get your factor.

[8]Error for first number should be interpreted as the error for a 90-percent confidence interval for the first number. Likewise, error for second number should be interpreted as the error for a 90-percent confidence interval for the second number.

Table 1. **Different Answers a Month Apart**

Item	When measured[1]	Level of inconsistency	Confidence interval[2]
Other kinds of heating equipment (central warm-air)	89-MS	91	[73-100]
Mortgage payment include anything else (first mortgage)	90-MS	90	[72-111]
Water came in from other places	89-MS	81	[64-100]
Moved for other, financial/employment	85-MS	80	(62-104)
Moved for other, housing related	85-MS	79	(65-97)
Police protection problem in neighborhood	89-MS	78	[63-95]
Poor city/county service in neighborhood	89-MS	78	[63-95]
Moved for other reason	85-MS	73	(64-85)
Moved for better quality house	85-MS	69	(58-82)
Moved because other family/personal related	85-MS	68	(54-86)
Cost for water supply and sewage disposal	81-N	68	(61-76)
Other problem in neighborhood	89-MS	67	[61-74]
Undesirable industries/businesses in neighborhood	89-MS	66	[54-82]
Rats	89-MS	65	[54-69]
Noise in neighborhood	89-MS	64	[57-72]
Other kinds of heating equipment (none)	89-MS	63	[60-67]
Peeling paint on the ceiling	81-N	63	(49-80)
Other kinds of heating equipment (unvented room)	89-MS	62	[45-86]
How LIKELY to move to place prefer to live in 5 years	85-MS	62	(54-71)
How LIKELY to still be living in this unit in 5 years	85-MS	60	(49-74)
Gross income	82-MS	59	not available
Open cracks or holes in building	81-N	58	(47-72)
Electric fuses or breaker switches blown	81-N	58	(50-68)
Other major repairs over $500 each—repair done	85-MS	57	(50-64)
People in neighborhood	89-MS	57	[52-62]
Central air conditioning/dehumidifier	80-N	56	not available
Satisfactory police protection	77-N	55	(49-62)
Moved for lower rent or less expensive house to maintain	85-MS	55	(43-70)
Broken plaster or peeling paint	89-MS	55	[46-65]
Water came in from walls, doors, windows	89-MS	55	[45-67]
A working electric wall outlet	77-N	55	(42-71)
Other kinds of heating equipment (fireplace with no insert)	89-MS	54	[49-59]
Shopping	77-N	54	(47-61)
Broken plaster on the ceiling	81-N	53	(40-70)
Water came in from roof	89-MS	53	[46-60]
Payments the same during whole length of the mortgage	85-MS	52	(46-59)
Litter in neighborhood	89-MS	51	[44-60]
Main reason moved	85-MS	51	(47-55)
Which best describes place at that time	85-MS	51	(46-55)
Yearly cost for garbage	81-N	51	(43-62)
Rate the place (10 categories)	89-MS	51	[49-53]
Other major repairs over $500 each—someone in household do work	85-MS	51	(36-72)
Other kinds of heating equipment (other built-in electric)	89-MS	50	[38-66]
Holes in the floors	81-N	50	(33-74)
Oil, coal, kerosene, wood and any other fuel cost	81-N	50	(40-64)
Type of vacant	81-N	50	(38-65)
Central air fuel	85-N	50	(40-63)
At age 16, live in this area/different place	85-MS	50	(44-57)
Public transportation	77-N	50	(44-56)
Cookstove or range with oven	85-N	50	(39-64)
Traffic in neighborhood	89-MS	49	[43-54]
Moved to establish own household	85-MS	48	(38-59)
Rate the place (categories 1-6 combined)	89-MS	48	[46-51]
Other kinds of heating equipment (portable electric)	89-MS	47	[41-54]
Real estate taxes	81-N	47	(33-67)

See footnotes at end of table.

Table 1. **Different Answers a Month Apart**—Con.

Item	When measured[1]	Level of inconsistency	Confidence interval[2]
Central air conditioning/none	80-N	47	not available
Crime in neighborhood	89-MS	47	[41-53]
Any additions built—repair done	85-MS	46	(35-61)
Water came in from basement	89-MS	45	[38-55]
Moved to change from owner to renter/renter to owner	85-MS	44	(36-55)
Number of living rooms	85-N	44	(33-57)
Major equipment, such as furnace or central air replace/added—repair done	85-MS	44	(35-55)
Five years from now, would you prefer living in this area or someplace else	80-N	44	(32-60)
Water leaked into home from outdoors	89-MS	43	[39-47]
Rate the place (four combined categories)	89-MS	43	[41-46]
Other kinds of heating equipment (fireplace with insert)	89-MS	43	[35-52]
Concealed wiring	89-MS	43	[33-57]
Siding replaced or added in last 2 years—repair done	85-MS	42	(32-56)
Heat breakdown	89-MS	41	[30-56]
Yearly cost of insurance (reported in $100 increments to $1,000)	89-MS	41	[38-44]
Moved to be closer to school/work	85-MS	41	(32-53)
Heating equipment broke down for 6 hours or more	89-MS	41	[30-56]
Cost for real estate taxes	81-N	40	(35-46)
Central air conditioning/portable fan	80-N	40	not available
Public elementary school satisfactory	89-MS	40	[34-47]
Mice or rats or signs of	76-N	40	not available
House/apartment cold for 24 hours	89-MS	40	[36-45]
Current mortgage same year as bought home	85-MS	39	(27-56)
Prefer to be living in another home in this area in 5 years	85-MS	38	(31-48)
Anything about the neighborhood that bothers you	89-MS	38	[35-41]
Change in taxes/insurance/principal balance	85-MS	37	(28-51)
Other kinds of heating equipment (stove)	89-MS	36	[28-47]
Bathrooms remodeled or added—repair done	85-MS	35	(28-45)
Married, widowed, divorced, or separated	85-MS	35	not available
Costs for gas for the month of August	89-N	35	[24-54]
All or part of roof replaced in last 2 years—repair done	85-MS	35	(29-42)
New storm doors or storm windows bought and installed—repair done	85-MS	33	(27 41)
Moved because needed larger house or apartment	85-MS	33	(26-41)
Number of other rooms	85-N	32	(28-38)
Kitchen remodeled or added—repair done	85-MS	32	(25-41)
Insulation added—repair done	85-MS	32	(25-44)
House and lot sell on today's market	90-MS	31	[29-34]
Moved for new job or job transfer	85-MS	30	(22-39)
Average monthly cost for gas	89-N	29	[23-37]
Average monthly cost for electricity	89-N	28	[24-34]
Number of dining rooms	85-N	27	(24-29)
Type of mortgage (for the first mortgage/loan) (non-CATI)	89-N	27	[21-36]
Change based on interest rates	85-MS	26	(18-38)
Year the building was built	85-MS	25	not available
All or part of roof replaced in last 2 years—someone in household do work	85-MS	25	(15-44)
Number of family rooms	85-N	25	(21-30)
Mortgage payment include homeowner's insurance (first mortgage)	90-MS	24	[21-27]
Prefer to be living in this house/apartment/someplace else	85-MS	24	(20-29)
Clothes washer age	85-N	22	(19-25)
Any other rooms	85-N	22	(20-25)
How many years for mortgage	85-MS	22	(17-29)
New storm doors/windows bought/installed—someone in household do work	85-MS	19	(11-35)
Attend a public school or a private school	89-MS	19	[15-25]
Oven/cooking burner age	85-N	18	(16-21)
Heating equipment broke	89-MS	18	[9-34]

See footnotes at end of table.

Table 1. **Different Answers a Month Apart**—Con.

Item	When measured[1]	Level of inconsistency	Confidence interval[2]
Clothes dryer age	85-N	18	(15-21)
Refrigerator age	85-N	18	(16-20)
Garbage disposal age	85-N	18	(15-22)
Insulation added—someone in household do work	85-MS	16	(8-33)
Monthly payment (first mortgage)	90-MS	16	[14-18]
Number of half bathrooms	85-N	16	(14-18)
New storm doors or storm windows bought and installed—job cost	85-MS	15	(8-32)
New assumed mortgage	85-MS	15	(11-22)
Mortgage payment include property tax (first mortgage)	90-MS	15	[12-18]
How much was borrowed	85-MS	14	(11-18)
Monthly payment (for first mortgage/loan) (non-CATI)	89-N	14	[11-19]
Dishwasher age	85-N	14	(11-17)
Where was mortgage borrowed (non-CATI)	89-N	13	[7-28]
Mortgage on this house/apartment	90-MS	13	[11-15]
How much was borrowed (for the first mortgage/loan)? (non-CATI)	89-N	13	[10-17]
Have property insurance	89-MS	12	[10-14]
Clothes dryer fuel	85-N	12	(9-14)
Number of room air conditioners	85-N	11	(9-15)
Interest rate on the mortgage (for the first mortgage/loan) (non-CATI)	89-N	10	[7-15]
Room air conditioners	85-N	10	(8-12)
Kitchen remodeled or added—someone in household do work	85-MS	9	(3-26)
Living quarters	85-N	8	(6-9)
Clothes washer	85-N	8	(6-9)
Number of units in building	85-N	8	(6-9)
Number of bedrooms	85-N	7	(6-8)
Number of full bathrooms	85-N	6	(5-8)
Dishwasher	85-N	6	(5-7)
Cooking fuel	85-N	5	(4-6)
Clothes dryer	85-N	5	(4-7)
Number of apartments	85-N	5	(4-8)
Garbage disposal	85-N	5	(4-7)
Central air conditioning	85-N	5	(4-6)

[1]This notation consists of the year followed by the survey from which the item was measured. For example, 89-MS means that the item was measured during the 1989 AHS-Metropolitan Survey (MS) and 81-N means that the item was measured during the 1981 AHS-National (N) Survey.

[2]The confidence intervals enclosed by square brackets are at the 90-percent significance level, all others are at the 95-percent significance level. The confidence intervals for the years prior to 1989 have a significance level of 95 percent, since that time it has been the policy of the U.S. Bureau of the Census to publish a 90-percent significance level for all testing.

Table 2. **Completeness Rates for Current Year Characteristics**

[See completeness rates under nonsampling errors in appendix D for further details. ... means not applicable or sample too small. - means zero or rounds to zero.]

United States and Regions	Occupied housing units, 1991	Same units, 1980 and 1991	Current year units resulting from--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresi-dential use	Other
Total occupied housing units (000's)	93 148	72 054	836	289	19 968	16 594	2 997	278	99
Completeness of sampling lists (percent)[1]	97	100	100	100	88	91	70	75	72
All interviews[2]	85	86	95	87	83	86	68	73	71
Current total loan as percent of value	43	41	26	40	48	50	20	24	...
Total outstanding principal amount	45	43	38	45	50	53	22	27	...
Land rent fee	45	46	...	...	...	...	...	...	...
Mobile home park fee	56	63	...	...	50	50	50	...	...
Mobile home site placement	58	65	...	...	55	61	51	...	...
Lot size	60	61	...	57	60	63	47	41	...
Annual taxes paid per $5000 value	62	63	51	62	59	62	44	37	...
Ratio of value to current income	62	62	50	62	62	65	50	38	...
Monthly housing costs as percent of income	66	66	73	70	66	69	54	48	40
Income sources of families and primary individuals	67	67	76	66	66	68	55	51	57
Light fixtures in public halls	68	68	82	72	...	65	...	65	...
Square feet per person	68	66	...	52	74	78	61	47	...
Square footage of unit	68	66	...	52	74	78	61	47	...
Mobile homes in group	68	78	...	...	65	64	66	...	...
Average monthly cost for real estate taxes	69	70	78	71	65	67	51	46	...
Units using each fuel	70	70	76	70	70	72	56	58	66
Income of families and primary individuals	70	70	79	74	69	72	58	52	44
Household income	70	70	79	74	69	72	58	52	44
Household income as percent of poverty level	70	70	79	74	69	72	58	52	44
Property insurance paid	72	72	87	75	70	71	61	65	60
Value	73	73	56	73	72	76	56	46	...
Monthly cost paid for water	73	73	87	71	72	75	61	64	67
Monthly cost paid for piped gas	73	73	79	68	74	77	59	61	66
Monthly cost paid for bottled gas	73	73	79	68	74	77	59	61	66
Selected amenities	75	76	80	76	73	76	60	62	36
Previous occupancy	75	45	...	...	76	76	65	...	...
Monthly payment for principal and interest	75	75	67	76	74	75	62	46	...
Purchase price	75	76	81	82	75	78	61	46	...
Household moves and formation in last year	75	76	83	73	72	74	59	66	70
Current Interest rate	75	75	76	76	74	75	58	54	...
Severe physical problems	76	76	76	77	74	76	63	59	65
Remaining years mortgaged	76	75	77	85	79	81	61	60	...
Repairs, improvements, alterations in last 2 years	76	76	77	80	77	80	63	59	...
Amount of savings and investments	76	77	88	80	70	72	64	71	65
Payment plan of secondary mortgage	76	75	...	...	79	80	...	...	...
Adult and single children < 18 years old	77	78	90	80	74	77	61	65	62
Monthly cost paid for trash	78	79	90	79	77	79	65	70	65
Food stamps	79	80	91	80	72	75	65	70	65
Monthly housing costs	79	79	85	80	78	81	63	59	64
Other buildings vandalized or with interior exposed	79	79	82	83	76	76	...	79	...
Conditions of streets	80	80	85	83	77	77	...	78	...
Monthly cost paid for other fuels	80	81	90	81	78	80	64	66	68
Stories between main and apartment entrances	80	81	86	83	...	78	...	83	...
Reasons for leaving previous unit	80	82	90	...	76	78	63	65	...
Common stairways	80	80	86	82	...	77	...	84	...
Monthly cost paid for electricity	80	80	88	78	78	81	64	64	67
Term of primary mortgage at origination or assumption	80	79	82	85	81	82	63	60	...
Payment plan of primary mortgage	80	80	82	85	80	82	63	60	...
Trash, litter or junk on streets or any properties	80	80	85	81	77	77	...	78	...
Stories in structure	80	80	84	82	...	78	...	79	...
Age of other residential buildings within 300 feet	80	80	85	83	77	77	...	79	...
Description of area within 300 feet	80	80	84	83	78	78	...	79	...
External building conditions	80	80	84	83	...	77	...	78	...
Owner or manager on property	81	82	89	81	...	79	...	84	...
Home search	81	83	93	...	77	79	64	64	...
Persons other than spouse or children	81	82	91	85	78	81	62	77	65
Type of primary mortgage	81	81	83	83	81	82	66	63	...
Routine maintenance in last year	81	81	86	85	80	83	67	60	...
Items included in primary mortgage payment	82	82	79	82	82	83	66	60	...
Recent mover comparison to previous home	82	84	94	...	78	80	63	65	...
Respondent moved during past year	82	83	90	84	79	82	64	71	70
Tenure of previous residence	82	84	93	...	77	79	64	68	...
Structure type of previous residence	82	84	94	...	78	80	63	68	...
Average monthly cost paid for fuel oil	82	83	91	85	81	84	66	68	67
Number of single children < 18 years old	82	82	93	85	80	82	65	73	70
Lenders of primary and secondary mortgages	82	82	81	85	82	83	67	60	...
Choice of present neighborhood	82	84	91	...	78	80	63	65	...
Neighborhood search	82	84	93	...	78	80	63	62	...
Choice of present home	82	84	91	...	78	80	64	65	...
Own never married children < 18 years old	82	82	93	85	80	82	65	73	70
Recent mover comparison to previous neighborhood	82	84	93	...	78	80	63	65	...
Major source of down payment	82	83	91	86	81	83	68	61	...
First time owners	82	83	88	86	80	83	68	57	...
Main house heating fuel	82	82	91	85	80	83	65	72	72
Units where householder moved during past year	82	83	90	83	79	82	65	71	70
Government subsidy for repairs	83	83	91	85	81	85	68	...	...
Water heating fuel	83	84	93	86	82	85	67	73	71
Mortgages currently on property	83	84	89	87	81	84	69	63	...

Table 2. **Completeness Rates for Current Year Characteristics**—Con.

[See completeness rates under nonsampling errors in appendix D for further details. ... means not applicable or sample too small. - means zero or rounds to zero.]

United States and Regions	Occupied housing units, 1991	Same units, 1980 and 1991	Current year units resulting from--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresi-dential use	Other
Other activities on property	83	83	83	87	81	84	68	60	...
Year unit acquired	83	83	88	86	81	84	68	60	...
Year primary mortgage originated	83	83	85	86	82	84	66	63	...
Moderate physical problems	83	84	93	86	80	83	67	73	65
Owners with one or more mortgages	83	83	88	87	81	83	68	60	...
Lower cost state and local mortgage	83	83	87	85	83	84	67	63	...
Cars and trucks available	83	84	92	85	81	83	67	67	68
Other heating equipment	83	84	91	85	81	84	67	73	64
Plumbing facilities	84	84	92	86	82	85	66	72	69
Selected deficiencies	84	84	93	85	82	84	67	71	70
Condominium and cooperative fee	84	84	...	...	85	85	...	...	...
Cost and ownership sharing	84	85	93	87	83	85	69	67	...
Source of water	84	85	93	84	82	85	67	71	71
Year householder moved into unit	84	85	95	86	82	85	68	73	71
Units in structure	84	84	89	85	81	84	66	69	69
Years of school completed by householder	84	84	93	86	81	84	67	73	70
Foundation	84	83	...	83	...	87	54	63	...
Main heating equipment	84	85	94	86	81	84	68	73	66
Mortgage origination	84	84	85	87	83	84	68	63	...
Persons 65 years old and over	84	85	92	86	82	85	68	73	71
Kitchen facilities	84	85	94	86	82	85	68	73	69
Means of sewage disposal	84	84	93	86	81	84	65	71	71
Neighborhood conditions	84	85	94	86	82	85	68	73	71
Overall opinion of neighborhood	84	85	94	85	82	85	67	72	71
Central air conditioning fuel	84	84	93	91	84	86	64	61	...
Clothes dryer fuel	84	84	93	86	83	85	68	65	...
Homeowners association fee	84	84	...	...	85	85	...	...	...
Electric fuses and circuit breakers	84	84	92	84	81	84	67	70	71
Cooking fuel	84	85	93	85	82	85	68	72	79
Sewage disposal breakdowns	84	85	94	86	82	85	67	72	71
Other house heating fuels	84	85	94	87	82	85	67	73	73
Water supply stoppage	84	85	94	85	82	85	67	71	71
Year structure built	84	85	89	84	81	85	65	56	59
Overall opinion of structure	85	85	94	86	83	86	68	73	71
Flush toliet breakdowns	85	85	93	86	82	85	68	71	72
Water leakage during last 12 months	85	85	94	85	83	85	68	73	71
Air conditioning	85	85	92	86	83	86	68	72	71
Clothes dryer	85	85	93	86	83	86	68	73	71
Washing machine	85	85	94	87	83	86	68	73	70
Dishwasher	85	85	94	86	83	86	68	73	71
Burners and oven	85	85	95	86	83	86	68	73	70
Refrigerator	85	86	95	87	83	86	68	73	71
Kitchen sink	85	85	95	86	83	86	68	73	71
Heating problems	85	85	94	87	83	86	68	72	77
Tenure	85	85	93	86	82	85	68	72	71
Race and origin of householder	85	85	93	86	82	85	68	73	70
Rent reductions	85	86	93	85	83	86	64	76	70
Cooperatives & condominiums	85	85	95	86	83	86	68	73	71
Persons	85	86	95	87	83	86	68	73	71
Age of householder	85	85	93	86	83	86	68	73	71
Nonrelatives' shared housing costs	85	86	...	...	82	83	...	...	...
Persons per room	85	85	91	86	83	86	68	72	48
Complete bathrooms	85	86	95	87	83	86	68	73	71
Bedrooms	85	86	92	87	83	86	68	72	48
Rooms	85	85	91	86	83	86	68	72	48
Household composition by age of the householder	85	86	95	87	83	86	68	73	71
Elevator on floor	89	90	94	85	...	88	...	94	...
Bars on windows of buildings	89	89	94	84	86	87	...	91	...

[1]Completeness of sampling lists: A small part of the total HU's in the U.S. is not represented in the AHS sample. This undercoverage occurs from imperfections in the sampling frame. We use weighting adjustments to account for these units. There are two main sources of undercoverage: (1) Deficiencies in sampling lists used for AHS (e.g.,1980 census or permit lists), and (2) Errors in the field resulting in completely overlooking certain HU's that belong in sample. The rate represents the proportion of HU's in the U.S. that are covered by the AHS sample frames.

[2]All interviews: A type A noninterview results when the interviewer is unable to obtain the necessary information to complete an interview from an occupied unit. We adjust the weights of interviewed units which most closely resemble type A noninterviews to help reduce the bias from these cases. The interview rate reflects the completeness of the sampling lists as well as the type A noninterviews.

Table 3. **Standard Errors of Bias Resulting From Incomplete Data**

Publication estimate	Standard error of bias
0	126
10	126
25	126
50	127
100	129
250	135
500	144
1,000	162
2,500	216
5,000	307
10,000	489
15,000	670
25,000	1,033
40,000	1,578
50,000	1,941
75,000	1,200
90,000	655
100,000	292
106,611	126

Table 4a. Standard Error Formulas for All Current-Year Characteristics

Characteristic	Geographic area[1]	Publication estimates The error is the larger of—
1991 total housing units	US, CC, BAL	$Z \times \sqrt{2.76 \times A - 0.000\,026 \times A^2}$
	NMSA	$Z \times \sqrt{3.25 \times A - 0.000\,031 \times A^2}$
Same units, 1991	US, CC, BAL	$Z \times \sqrt{2.76 \times A - 0.000\,031 \times A^2}$
	NMSA	$Z \times \sqrt{3.25 \times A - 0.000\,036 \times A^2}$
Mergers	US, CC, BAL, NMSA	$Z \times \sqrt{1.26 \times A + 0.002\,139 \times A^2}$
Conversions	US	$Z \times \sqrt{2.30 \times A + 0.005\,130 \times A^2}$
	CC, NMSA	$Z \times \sqrt{2.17 \times A + 0.023\,130 \times A^2}$
	BAL	$Z \times \sqrt{2.63 \times A + 0.000\,024 \times A^2}$
Total adds	US, BAL	$Z \times \sqrt{2.63 \times A + 0.000\,024 \times A^2}$
	CC	$Z \times \sqrt{2.25 \times A + 0.014\,464 \times A^2}$
	NMSA	$Z \times \sqrt{3.25 \times A + 0.001\,955 \times A^2}$
From nonresidential use/other	US, CC	$Z \times \sqrt{3.25 \times A + 0.001\,955 \times A^2}$
	BAL	$Z \times \sqrt{2.63 \times A + 0.000\,024 \times A^2}$
	NMSA	$Z \times \sqrt{2.72 \times A + 0.000\,268 \times A^2}$
New construction	US,BAL	$Z \times \sqrt{2.63 \times A - 0.000\,040 \times A^2}$
	CC	$Z \times \sqrt{2.76 \times A - 0.000\,047 \times A^2}$
	NMSA	$Z \times \sqrt{2.30 \times A - 0.000\,022 \times A^2}$
House or mobile home moved in	US, CC, BAL, NMSA	$Z \times \sqrt{2.63 \times A + 0.000\,024 \times A^2}$

[1]Each characteristic is divided into four geographic areas: United States (US), Central City (CC), Balance (BAL), and Nonmetropolitan Statistical Areas (NMSA).

Table 4b. Standard Error Formulas for All Base-Year Characteristics

Characteristic	Geographic area[1]	Publication estimates The error is the larger of—
Same units, 1980, and 1980 total housing units	US, CC, BAL	$Z \times \sqrt{2.76 \times A - 0.000\,031 \times A^2}$
	NMSA	$Z \times \sqrt{3.25 \times A - 0.000\,036 \times A^2}$
Mergers	US, CC, BAL, NMSA	$Z \times \sqrt{3.22 \times A + 0.000\,627 \times A^2}$
Conversions	US, BAL	$Z \times \sqrt{2.12 \times A + 0.000\,563 \times A^2}$
	CC, NMSA	$Z \times \sqrt{2.30 \times A + 0.005\,133 \times A^2}$
Total losses	US, BAL	$Z \times \sqrt{2.72 \times A + 0.000\,268 \times A^2}$
	CC	$Z \times \sqrt{2.12 \times A + 0.000\,563 \times A^2}$
	NMSA	$Z \times \sqrt{3.25 \times A + 0.001\,955 \times A^2}$
Demolition or disaster	US	$Z \times \sqrt{2.63 \times A + 0.000\,024 \times A^2}$
	BAL, NMSA	$Z \times \sqrt{2.72 \times A + 0.000\,268 \times A^2}$
	CC	$Z \times \sqrt{2.12 \times A + 0.000\,563 \times A^2}$
House or mobile home moved out	US	$Z \times \sqrt{2.66 \times A + 0.001\,126 \times A^2}$
	CC	$Z \times \sqrt{2.63 \times A + 0.000\,024 \times A^2}$
	BAL, NMSA	$Z \times \sqrt{3.25 \times A + 0.001\,955 \times A^2}$
To nonresidential use/exposed, damaged, or condemned/other	US, CC, BAL, NMSA	$Z \times \sqrt{2.72 \times A + 0.000\,268 \times A^2}$

[1]Each characteristic is divided into four geographic areas: United States (US), Central City (CC), Balance (BAL), and Nonmetropolitan Statistical Areas (NMSA).

Table 5. **Calculation of the 90-Percent Confidence Interval for Medians**

The following steps calculate the 90-percent confidence interval for medians. First we give some hypothetical cost data to work with (all numbers are in thousands):

		Cumulative number of housing units
Total housing units	209	-
Less than $25	50	50
$25 to $49	45	95
$50 to $74	30	125
$75 to $99	20	145
$100 or more	55	200
Not reported	9	-
Median	$54	-

Steps for calculations	Formula	Bottom limit		Top limit	
		Example	Your data	Example	Your data
How many total units is the median based on (in thousands, exclude 'not reported' and 'don't know')?	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 (1st line)[1]	$148/\sqrt{A}$	10.5			
Multiply this percentage error by .01 to turn it into a fraction and by total units to give the error in housing units	$1.48\sqrt{A}$	21			
Bottom of error range (2nd line minus 4th line, in thousands)	B_{bottom}	*79			
Top of error range (2nd line plus 4th line, in thousands)	B_{top}			*121	
* Start adding up the housing units in the 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?		$25-$49		$50-$74	
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	$25		$50	
What is the bottom limit of the next category (in dollars, rooms, etc)?	F	$50		$75	
Formula to calculate the limits of confidence interval	$\frac{B-C}{D}(F-E)+E$	$\frac{79-50}{45}(25)+25$		$\frac{121-95}{30}(25)+50$	
Limits of confidence interval (in dollars, rooms, etc)		$41		$72	

[1]Statistical note: This formula is based on the error from sampling for 50 percent (using the formula above, $1.64 \times \sqrt{(3.25 \times 50 \times (100-50)/A)} = 148/\sqrt{A}$). This formula is an overestimate for most items. For a more accurate answer, replace the first number under the square foot sign with the first number under the square root sign of the appropriate formula in table 4a or 4b.

*Starting with the starred step, this worksheet is equivalent to interpolation, for those who are familiar with this term.

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