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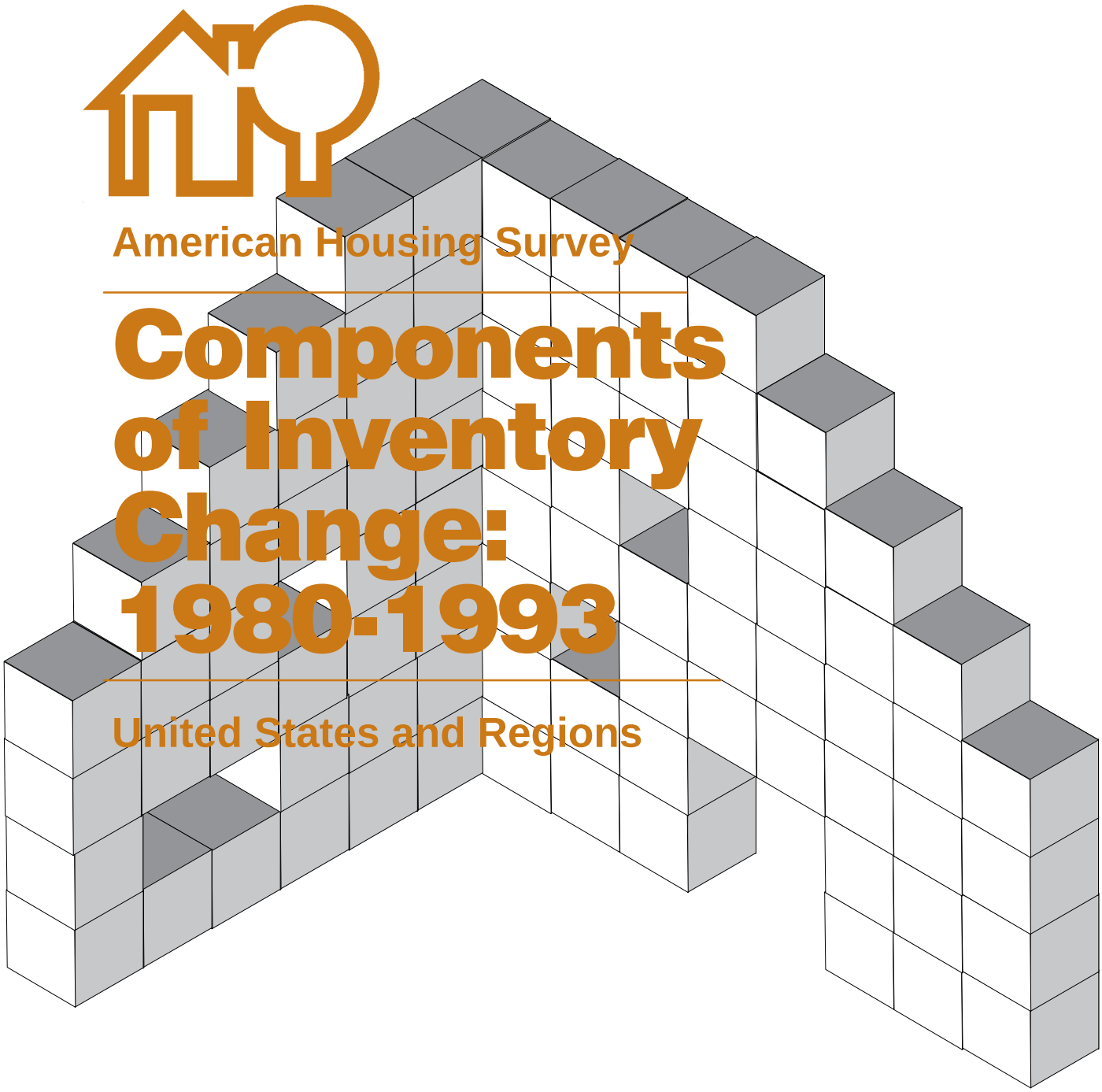

American Housing Survey

Components of Inventory Change: 1980-1993

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.**

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	Table number					
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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 1993. 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 1993. For example, ''Same'' means there was one housing unit there in 1980 and one housing unit there in 1993. 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 1993 national survey was conducted from July through December 1993. This is a national survey 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 1993. 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 1993, these numbers are based on the 1980 Census of Housing, plus change between 1980 and 1993.

CAUTIONS

Definitions. The 1980 and 1993 numbers in this report come from different sources: the 1980 numbers are from responses given to the 1980 census, and the 1993 numbers are from responses to the 1993 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

Undercoverage and nonresponse. Each home in the AHS sample represents a large number of other homes. However, because of incomplete sampling lists (that is, undercoverage) and nonresponse, 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. Housing unit undercoverage and household nonresponse is about 7 percent. Compared to the level derived from the adjusted 1990 decennial census counts, housing unit undercoverage alone is about 1.9 percent.

The weighting procedures used for CINCH partially correct for the bias due to nonresponse and housing unit, but not within household, undercoverage. The procedures assume the housing units missed by the survey are like those included, which is not entirely accurate. Housing-unit undercoverage varies by age, ethnicity, and race of householder, and type of household. For some groups, such as Blacks, the undercoverage is at least 9 percent. Some CINCH estimates are affected by missed persons within sample households. These are persons per room, some household composition items (for example, persons per household), and income characteristics. We do not know the effect of this within-household undercoverage on these characteristics. Appendix D shows how complete the answers were for each question, before adjustments. Appendix B explains how the numbers were proportionally adjusted.

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 report *American Housing Survey for the United States in 1993,* series H150/93.

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).

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 1993 Housing Inventory**

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

United States and Regions	Total housing units, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Number									
United States	106 611	79 168	1 000	371	26 072	21 309	4 083	530	150
Inside MSA's	80 994	60 823	802	306	19 063	16 641	2 046	273	104
In central cities	32 280	26 678	386	191	5 025	4 623	223	122	57
Not In central cities	48 715	34 145	416	115	14 038	12 019	1 822	151	47
Outside MSA's	25 616	18 345	198	65	7 009	4 667	2 037	258	46
Northeast	21 158	17 553	396	138	3 071	2 553	316	145	58
Inside MSA's	18 037	15 256	343	127	2 312	2 023	175	75	39
In central cities	6 665	6 025	176	65	399	312	9	45	33
Not In central cities	11 372	9 231	167	61	1 913	1 711	165	31	5
Outside MSA's	3 121	2 297	53	11	760	530	141	70	19
Midwest	25 481	20 790	272	104	4 315	3 729	477	78	31
Inside MSA's	17 573	14 389	189	80	2 914	2 683	192	28	12
In central cities	7 231	6 335	86	57	753	710	22	12	9
Not In central cities	10 342	8 054	103	23	2 161	1 974	170	16	2
Outside MSA's	7 908	6 401	83	24	1 401	1 046	285	50	20
South	37 885	25 064	162	77	12 582	9 847	2 479	236	20
Inside MSA's	27 105	17 966	113	61	8 966	7 571	1 250	133	12
In central cities	10 571	8 301	51	47	2 172	2 031	93	46	1
Not In central cities	16 534	9 665	62	13	6 794	5 539	1 157	86	11
Outside MSA's	10 779	7 098	49	16	3 616	2 276	1 229	104	8
West	22 087	15 760	171	52	6 104	5 180	811	71	41
Inside MSA's	18 279	13 212	158	38	4 871	4 364	429	37	41
In central cities	7 813	6 017	73	21	1 701	1 569	99	19	14
Not In central cities	10 467	7 195	84	17	3 170	2 795	330	18	28
Outside MSA's	3 808	2 548	14	13	1 232	816	383	34	–
Percent Distribution									
United States	100.0	74.3	.9	.3	24.5	20.0	3.8	.5	.1
Inside MSA's	100.0	75.1	1.0	.4	23.5	20.5	2.5	.3	.1
In central cities	100.0	82.6	1.2	.6	15.6	14.3	.7	.4	.2
Not In central cities	100.0	70.1	.9	.2	28.8	24.7	3.7	.3	.1
Outside MSA's	100.0	71.6	.8	.3	27.4	18.2	8.0	1.0	.2
Northeast	100.0	83.0	1.9	.7	14.5	12.1	1.5	.7	.3
Inside MSA's	100.0	84.6	1.9	.7	12.8	11.2	1.0	.4	.2
In central cities	100.0	90.4	2.6	1.0	6.0	4.7	.1	.7	.5
Not In central cities	100.0	81.2	1.5	.5	16.8	15.0	1.5	.3	–
Outside MSA's	100.0	73.6	1.7	.4	24.3	17.0	4.5	2.2	.6
Midwest	100.0	81.6	1.1	.4	16.9	14.6	1.9	.3	.1
Inside MSA's	100.0	81.9	1.1	.5	16.6	15.3	1.1	.2	.1
In central cities	100.0	87.6	1.2	.8	10.4	9.8	.3	.2	.1
Not In central cities	100.0	77.9	1.0	.2	20.9	19.1	1.6	.2	–
Outside MSA's	100.0	80.9	1.0	.3	17.7	13.2	3.6	.6	.2
South	100.0	66.2	.4	.2	33.2	26.0	6.5	.6	.1
Inside MSA's	100.0	66.3	.4	.2	33.1	27.9	4.6	.5	–
In central cities	100.0	78.5	.5	.4	20.5	19.2	.9	.4	–
Not In central cities	100.0	58.5	.4	.1	41.1	33.5	7.0	.5	.1
Outside MSA's	100.0	65.9	.5	.1	33.5	21.1	11.4	1.0	.1
West	100.0	71.4	.8	.2	27.6	23.5	3.7	.3	.2
Inside MSA's	100.0	72.3	.9	.2	26.6	23.9	2.3	.2	.2
In central cities	100.0	77.0	.9	.3	21.8	20.1	1.3	.2	.2
Not In central cities	100.0	68.7	.8	.2	30.3	26.7	3.2	.2	.3
Outside MSA's	100.0	66.9	.4	.3	32.4	21.4	10.0	.9	–

Table B-1. **Disposition of the 1980 Housing Inventory as of 1993**

[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 1993	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	89 272	79 168	463	808	8 833	3 305	3 643	712	786	387
Inside MSA's	66 861	60 823	370	683	4 985	2 073	1 741	477	449	245
In central cities	29 336	26 678	170	430	2 058	1 108	231	253	313	153
Not In central cities	37 525	34 145	200	253	2 927	965	1 510	223	137	92
Outside MSA's	22 411	18 345	92	125	3 848	1 232	1 902	236	337	141
Northeast	19 098	17 553	179	287	1 080	421	326	138	109	86
Inside MSA's	16 428	15 256	155	262	756	312	177	105	97	65
In central cities	6 601	6 025	67	138	371	182	7	63	76	43
Not In central cities	9 827	9 231	87	124	385	130	170	42	21	22
Outside MSA's	2 670	2 297	24	25	324	109	148	33	12	21
Midwest	23 164	20 790	124	237	2 013	864	686	187	221	55
Inside MSA's	15 745	14 389	87	191	1 079	540	282	96	140	21
In central cities	7 088	6 335	42	138	573	357	32	55	115	14
Not In central cities	8 657	8 054	45	53	505	183	250	41	25	6
Outside MSA's	7 418	6 401	37	46	934	324	403	91	81	34
South	29 560	25 064	72	181	4 242	1 495	1 924	276	384	164
Inside MSA's	20 424	17 966	47	152	2 259	837	939	201	188	94
In central cities	9 191	8 301	23	111	755	386	132	88	103	47
Not In central cities	11 233	9 665	23	41	1 504	451	807	114	85	48
Outside MSA's	9 136	7 098	25	30	1 983	658	985	74	196	70
West	17 450	15 760	88	103	1 499	525	708	112	73	81
Inside MSA's	14 264	13 212	82	78	892	384	342	75	25	65
In central cities	6 455	6 017	38	42	358	183	59	48	20	49
Not In central cities	7 809	7 195	44	36	534	201	284	27	6	16
Outside MSA's	3 186	2 548	6	25	607	141	366	37	48	16
Percent Distribution										
United States	100.0	88.7	.5	.9	9.9	3.7	4.1	.8	.9	.4
Inside MSA's	100.0	91.0	.6	1.0	7.5	3.1	2.6	.7	.7	.4
In central cities	100.0	90.9	.6	1.5	7.0	3.8	.8	.9	1.1	.5
Not In central cities	100.0	91.0	.5	.7	7.8	2.6	4.0	.6	.4	.2
Outside MSA's	100.0	81.9	.4	.6	17.2	5.5	8.5	1.1	1.5	.6
Northeast	100.0	91.9	.9	1.5	5.7	2.2	1.7	.7	.6	.5
Inside MSA's	100.0	92.9	.9	1.6	4.6	1.9	1.1	.6	.6	.4
In central cities	100.0	91.3	1.0	2.1	5.6	2.8	.1	1.0	1.1	.7
Not In central cities	100.0	93.9	.9	1.3	3.9	1.3	1.7	.4	.2	.2
Outside MSA's	100.0	86.0	.9	.9	12.1	4.1	5.6	1.2	.5	.8
Midwest	100.0	89.8	.5	1.0	8.7	3.7	3.0	.8	1.0	.2
Inside MSA's	100.0	91.4	.6	1.2	6.8	3.4	1.8	.6	.9	.1
In central cities	100.0	89.4	.6	2.0	8.1	5.0	.5	.8	1.6	.2
Not In central cities	100.0	93.0	.5	.6	5.8	2.1	2.9	.5	.3	.1
Outside MSA's	100.0	86.3	.5	.6	12.6	4.4	5.4	1.2	1.1	.5
South	100.0	84.8	.2	.6	14.4	5.1	6.5	.9	1.3	.6
Inside MSA's	100.0	88.0	.2	.7	11.1	4.1	4.6	1.0	.9	.5
In central cities	100.0	90.3	.3	1.2	8.2	4.2	1.4	1.0	1.1	.5
Not In central cities	100.0	86.0	.2	.4	13.4	4.0	7.2	1.0	.8	.4
Outside MSA's	100.0	77.7	.3	.3	21.7	7.2	10.8	.8	2.1	.8
West	100.0	90.3	.5	.6	8.6	3.0	4.1	.6	.4	.5
Inside MSA's	100.0	92.6	.6	.5	6.3	2.7	2.4	.5	.2	.5
In central cities	100.0	93.2	.6	.7	5.5	2.8	.9	.7	.3	.8
Not In central cities	100.0	92.1	.6	.5	6.8	2.6	3.6	.3	.1	.2
Outside MSA's	100.0	80.0	.2	.8	19.1	4.4	11.5	1.2	1.5	.5

Table C-1. **Net Changes in the Housing Inventory: 1980 to 1993**

[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	1993	Number	Percent	Total added	Conversion	New construction	House or mobile home moved in	From nonresidential use	Other
1	United States	89 272	106 611	17 339	19.4	26 610	538	21 309	4 083	530	150
2	Inside MSA's	66 861	80 994	14 133	21.1	19 495	432	16 641	2 046	273	104
3	In central cities	29 336	32 280	2 944	10.0	5 241	216	4 623	223	122	57
4	Not In central cities	37 525	48 715	11 189	29.8	14 255	216	12 019	1 822	151	47
5	Outside MSA's	22 411	25 616	3 206	14.3	7 115	106	4 667	2 037	258	46
6	Northeast	19 098	21 158	2 060	10.8	3 288	217	2 553	316	145	58
7	Inside MSA's	16 428	18 037	1 609	9.8	2 500	188	2 023	175	75	39
8	In central cities	6 601	6 665	64	1.0	507	108	312	9	45	33
9	Not In central cities	9 827	11 372	1 545	15.7	1 992	80	1 711	165	31	5
10	Outside MSA's	2 670	3 121	451	16.9	788	29	530	141	70	19
11	Midwest	23 164	25 481	2 317	10.0	4 463	148	3 729	477	78	31
12	Inside MSA's	15 745	17 573	1 827	11.6	3 017	102	2 683	192	28	12
13	In central cities	7 088	7 231	143	2.0	798	44	710	22	12	9
14	Not In central cities	8 657	10 342	1 685	19.5	2 219	58	1 974	170	16	2
15	Outside MSA's	7 418	7 908	490	6.6	1 446	45	1 046	285	50	20
16	South	29 560	37 885	8 325	28.2	12 672	90	9 847	2 479	236	20
17	Inside MSA's	20 424	27 105	6 682	32.7	9 032	66	7 571	1 250	133	12
18	In central cities	9 191	10 571	1 380	15.0	2 199	27	2 031	93	46	1
19	Not In central cities	11 233	16 534	5 302	47.2	6 833	39	5 539	1 157	86	11
20	Outside MSA's	9 136	10 779	1 643	18.0	3 640	24	2 276	1 229	104	8
21	West	17 450	22 087	4 637	26.6	6 187	84	5 180	811	71	41
22	Inside MSA's	14 264	18 279	4 015	28.1	4 947	76	4 364	429	37	41
23	In central cities	6 455	7 813	1 357	21.0	1 736	35	1 569	99	19	14
24	Not In central cities	7 809	10 467	2 658	34.0	3 210	40	2 795	330	18	28
25	Outside MSA's	3 186	3 808	622	19.5	1 240	8	816	383	34	–

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	
9 271	438	3 305	3 643	712	786	387	1
5 362	377	2 073	1 741	477	449	245	2
2 297	239	1 108	231	253	313	153	3
3 065	138	965	1 510	223	137	92	4
3 909	61	1 232	1 902	236	337	141	5
1 228	149	421	326	138	109	86	6
891	135	312	177	105	97	65	7
444	73	182	7	63	76	43	8
447	62	130	170	42	21	22	9
337	13	109	148	33	12	21	10
2 146	133	864	686	187	221	55	11
1 189	111	540	282	96	140	21	12
655	81	357	32	55	115	14	13
535	29	183	250	41	25	6	14
956	22	324	403	91	81	34	15
4 347	105	1 495	1 924	276	384	164	16
2 350	91	837	939	201	188	94	17
819	64	386	132	88	103	47	18
1 531	27	451	807	114	85	48	19
1 997	14	658	985	74	196	70	20
1 550	51	525	708	112	73	81	21
932	40	384	342	75	25	65	22
379	21	183	59	48	20	49	23
552	19	201	284	27	6	16	24
619	11	141	366	37	48	16	25

Table D-1. Source of the 1993 Housing Inventory for Housing Units With a White, Black, or Hispanic Householder in the United States: 1993

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

United States	Total housing units, 1993	Same units, 1980 and 1993	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 1993									
United States	80 644	59 837	677	259	19 871	16 632	2 744	372	124
Inside MSA's	61 112	45 579	539	208	14 787	13 092	1 428	187	80
In central cities	21 261	17 299	204	117	3 641	3 375	151	78	38
Not In central cities	39 852	28 280	335	91	11 146	9 718	1 277	109	42
Outside MSA's	19 531	14 257	138	52	5 084	3 539	1 316	185	44
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1993									
United States	10 136	8 217	112	62	1 745	1 490	224	22	9
Inside MSA's	8 717	7 207	101	57	1 351	1 240	86	17	9
In central cities	5 791	5 115	84	47	545	525	4	12	4
Not In central cities	2 925	2 092	17	10	806	714	81	5	5
Outside MSA's	1 419	1 011	11	4	394	250	139	5	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1993[1]									
United States	6 653	5 237	65	21	1 330	1 056	209	57	9
Inside MSA's	6 035	4 832	65	20	1 117	954	105	50	9
In central cities	3 329	2 817	49	16	448	387	18	34	9
Not In central cities	2 706	2 015	17	5	669	567	87	16	–
Outside MSA's	618	404	–	1	213	102	104	7	–
Percent Distribution									
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1993									
United States	100.0	74.2	.8	.3	24.6	20.6	3.4	.5	.2
Inside MSA's	100.0	74.6	.9	.3	24.2	21.4	2.3	.3	.1
In central cities	100.0	81.4	1.0	.5	17.1	15.9	.7	.4	.2
Not In central cities	100.0	71.0	.8	.2	28.0	24.4	3.2	.3	.1
Outside MSA's	100.0	73.0	.7	.3	26.0	18.1	6.7	.9	.2
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1993									
United States	100.0	81.1	1.1	.6	17.2	14.7	2.2	.2	.1
Inside MSA's	100.0	82.7	1.2	.7	15.5	14.2	1.0	.2	.1
In central cities	100.0	88.3	1.4	.8	9.4	9.1	.1	.2	.1
Not In central cities	100.0	71.5	.6	.4	27.6	24.4	2.8	.2	.2
Outside MSA's	100.0	71.2	.7	.3	27.7	17.6	9.8	.3	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1993[1]									
United States	100.0	78.7	1.0	.3	20.0	15.9	3.1	.9	.1
Inside MSA's	100.0	80.1	1.1	.3	18.5	15.8	1.7	.8	.1
In central cities	100.0	84.6	1.5	.5	13.4	11.6	.5	1.0	.3
Not In central cities	100.0	74.5	.6	.2	24.7	20.9	3.2	.6	–
Outside MSA's	100.0	65.4	.1	.1	34.4	16.5	16.9	1.1	–

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

Table D-2. Source of the 1993 Housing Inventory for Housing Units With a White, Black, or Hispanic Householder in the Northeast: 1993

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

Northeast	Total housing units, 1993	Same units, 1980 and 1993	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 1993									
Northeast	16 179	13 339	250	92	2 498	2 135	218	99	46
Inside MSA's	13 807	11 592	216	81	1 917	1 709	132	49	27
In central cities	4 091	3 699	84	37	271	212	7	30	21
Not In central cities	9 716	7 893	132	45	1 646	1 497	125	19	5
Outside MSA's	2 372	1 747	34	11	581	426	86	50	19
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1993									
Northeast	1 754	1 563	65	25	101	88	2	7	4
Inside MSA's	1 747	1 558	63	25	101	88	2	7	4
In central cities	1 307	1 179	49	16	63	52	–	7	4
Not In central cities	440	379	14	8	39	36	2	–	–
Outside MSA's	8	5	3	–	–	–	–	–	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1993[1]									
Northeast	1 255	1 156	26	11	63	35	6	22	–
Inside MSA's	1 217	1 126	25	11	55	27	6	22	–
In central cities	881	811	21	9	40	15	4	22	–
Not In central cities	336	315	5	2	15	13	2	–	–
Outside MSA's	38	30	–	–	8	8	–	–	–
Percent Distribution									
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1993									
Northeast	100.0	82.4	1.5	.6	15.4	13.2	1.3	.6	.3
Inside MSA's	100.0	84.0	1.6	.6	13.9	12.4	1.0	.4	.2
In central cities	100.0	90.4	2.1	.9	6.6	5.2	.2	.7	.5
Not In central cities	100.0	81.2	1.4	.5	16.9	15.4	1.3	.2	.1
Outside MSA's	100.0	73.6	1.4	.4	24.5	18.0	3.6	2.1	.8
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1993									
Northeast	100.0	89.1	3.7	1.4	5.8	5.0	.1	.4	.2
Inside MSA's	100.0	89.2	3.6	1.4	5.8	5.0	.1	.4	.2
In central cities	100.0	90.2	3.7	1.3	4.8	4.0	–	.5	.3
Not In central cities	100.0	86.2	3.1	1.9	8.8	8.2	.5	–	–
Outside MSA's	100.0	66.7	33.3	–	–	–	–	–	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1993[1]									
Northeast	100.0	92.1	2.1	.9	5.0	2.8	.5	1.7	–
Inside MSA's	100.0	92.5	2.1	.9	4.5	2.2	.5	1.8	–
In central cities	100.0	92.1	2.3	1.0	4.5	1.7	.4	2.5	–
Not In central cities	100.0	93.6	1.4	.5	4.4	3.7	.7	–	–
Outside MSA's	100.0	78.7	1.1	–	20.2	20.2	–	–	–

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

Table D-3. Source of the 1993 Housing Inventory for Housing Units With a White, Black, or Hispanic Householder in the Midwest: 1993

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

Midwest	Total housing units, 1993	Same units, 1980 and 1993	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 1993									
Midwest	20 719	16 771	212	75	3 661	3 245	335	60	22
Inside MSA's	14 105	11 357	145	56	2 548	2 359	164	20	4
In central cities	4 831	4 158	58	33	582	558	17	5	2
Not In central cities	9 274	7 198	88	22	1 966	1 801	147	15	2
Outside MSA's	6 614	5 415	67	20	1 113	885	171	39	18
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1993									
Midwest	1 921	1 766	9	12	134	126	6	2	–
Inside MSA's	1 842	1 700	9	12	121	118	2	2	–
In central cities	1 434	1 345	9	12	69	67	–	2	–
Not In central cities	408	355	–	–	53	51	2	–	–
Outside MSA's	79	66	–	–	13	8	5	–	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1993[1]									
Midwest	500	427	8	2	62	52	10	–	–
Inside MSA's	441	381	8	2	49	46	4	–	–
In central cities	281	256	8	2	15	15	–	–	–
Not In central cities	160	126	–	–	34	30	4	–	–
Outside MSA's	59	46	–	–	13	7	7	–	–
Percent Distribution									
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1993									
Midwest	100.0	80.9	1.0	.4	17.7	15.7	1.6	.3	.1
Inside MSA's	100.0	80.5	1.0	.4	18.1	16.7	1.2	.1	–
In central cities	100.0	86.1	1.2	.7	12.0	11.6	.4	.1	–
Not In central cities	100.0	77.6	.9	.2	21.2	19.4	1.6	.2	–
Outside MSA's	100.0	81.9	1.0	.3	16.8	13.4	2.6	.6	.3
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1993									
Midwest	100.0	91.9	.5	.6	7.0	6.6	.3	.1	–
Inside MSA's	100.0	92.3	.5	.6	6.6	6.4	.1	.1	–
In central cities	100.0	93.8	.6	.8	4.8	4.7	–	.1	–
Not In central cities	100.0	87.1	–	–	12.9	12.4	.5	–	–
Outside MSA's	100.0	83.7	–	–	16.3	10.6	5.7	–	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1993[1]									
Midwest	100.0	85.5	1.7	.4	12.5	10.5	2.0	–	–
Inside MSA's	100.0	86.5	1.9	.4	11.2	10.3	.8	–	–
In central cities	100.0	91.0	3.0	.6	5.4	5.4	–	–	–
Not In central cities	100.0	78.7	–	–	21.3	19.0	2.3	–	–
Outside MSA's	100.0	77.6	–	–	22.4	11.4	11.0	–	–

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

Table D-4. Source of the 1993 Housing Inventory for Housing Units With a White, Black, or Hispanic Householder in the South: 1993

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

South	Total housing units, 1993	Same units, 1980 and 1993	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 1993									
South	26 641	17 401	101	51	9 088	7 317	1 591	164	16
Inside MSA's	19 118	12 363	77	43	6 635	5 731	800	95	9
In central cities	6 617	5 007	25	32	1 552	1 464	53	34	1
Not In central cities	12 501	7 357	51	11	5 083	4 267	746	61	8
Outside MSA's	7 523	5 038	24	8	2 453	1 585	792	68	8
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1993									
South	5 448	4 126	26	19	1 276	1 045	216	12	4
Inside MSA's	4 140	3 201	18	15	906	814	81	7	4
In central cities	2 477	2 123	14	13	326	320	4	2	–
Not In central cities	1 663	1 078	4	2	580	494	77	5	4
Outside MSA's	1 307	925	8	4	370	231	134	5	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1993[1]									
South	1 987	1 382	16	2	587	464	110	13	–
Inside MSA's	1 759	1 250	16	2	492	434	45	13	–
In central cities	956	768	7	2	179	171	4	5	–
Not In central cities	803	482	9	–	312	263	41	8	–
Outside MSA's	227	132	–	–	95	30	65	–	–
Percent Distribution									
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1993									
South	100.0	65.3	.4	.2	34.1	27.5	6.0	.6	.1
Inside MSA's	100.0	64.7	.4	.2	34.7	30.0	4.2	.5	–
In central cities	100.0	75.7	.4	.5	23.5	22.1	.8	.5	–
Not In central cities	100.0	58.8	.4	.1	40.7	34.1	6.0	.5	.1
Outside MSA's	100.0	67.0	.3	.1	32.6	21.1	10.5	.9	.1
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1993									
South	100.0	75.7	.5	.4	23.4	19.2	4.0	.2	.1
Inside MSA's	100.0	77.3	.4	.4	21.9	19.7	2.0	.2	.1
In central cities	100.0	85.7	.6	.5	13.2	12.9	.2	.1	–
Not In central cities	100.0	64.8	.2	.1	34.9	29.7	4.6	.3	.2
Outside MSA's	100.0	70.8	.6	.3	28.3	17.7	10.3	.4	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1993[1]									
South	100.0	69.6	.8	.1	29.5	23.3	5.5	.7	–
Inside MSA's	100.0	71.0	.9	.1	28.0	24.7	2.5	.7	–
In central cities	100.0	80.3	.7	.2	18.8	17.9	.4	.5	–
Not In central cities	100.0	60.0	1.1	–	38.9	32.8	5.1	1.0	–
Outside MSA's	100.0	58.3	–	–	41.7	13.1	28.6	–	–

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

Table D-5. Source of the 1993 Housing Inventory for Housing Units With a White, Black, or Hispanic Householder in the West: 1993

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

West	Total housing units, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresi-dential use	Other
Number									
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1993									
West	17 105	12 325	114	41	4 624	3 936	600	49	40
Inside MSA's	14 083	10 267	101	28	3 687	3 293	332	22	40
In central cities	5 722	4 435	37	14	1 236	1 141	73	8	14
Not In central cities	8 361	5 832	64	14	2 451	2 152	259	14	26
Outside MSA's	3 022	2 058	13	13	938	643	268	27	–
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1993									
West	1 014	763	12	6	233	231	–	1	1
Inside MSA's	988	748	12	6	222	220	–	1	1
In central cities	573	468	12	6	87	86	–	1	–
Not In central cities	415	280	–	–	135	134	–	–	1
Outside MSA's	26	15	–	–	11	11	–	–	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1993[1]									
West	2 911	2 271	16	6	618	505	83	22	9
Inside MSA's	2 618	2 075	16	6	521	447	50	15	9
In central cities	1 210	982	13	3	213	187	10	8	9
Not In central cities	1 407	1 093	3	3	308	260	40	8	–
Outside MSA's	293	196	–	1	97	57	33	7	–
Percent Distribution									
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1993									
West	100.0	72.1	.7	.2	27.0	23.0	3.5	.3	.2
Inside MSA's	100.0	72.9	.7	.2	26.2	23.4	2.4	.2	.3
In central cities	100.0	77.5	.6	.2	21.6	19.9	1.3	.1	.2
Not In central cities	100.0	69.8	.8	.2	29.3	25.7	3.1	.2	.3
Outside MSA's	100.0	68.1	.4	.4	31.0	21.3	8.9	.9	–
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1993									
West	100.0	75.2	1.2	.6	23.0	22.8	–	.1	.1
Inside MSA's	100.0	75.7	1.2	.6	22.5	22.3	–	.1	.1
In central cities	100.0	81.6	2.1	1.0	15.3	15.0	–	.2	–
Not In central cities	100.0	67.4	–	–	32.6	32.3	–	–	.3
Outside MSA's	100.0	57.3	–	–	42.7	42.7	–	–	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1993[1]									
West	100.0	78.0	.5	.2	21.2	17.3	2.8	.7	.3
Inside MSA's	100.0	79.3	.6	.2	19.9	17.1	1.9	.6	.3
In central cities	100.0	81.1	1.1	.2	17.6	15.4	.8	.6	.7
Not In central cities	100.0	77.7	.2	.2	21.9	18.5	2.9	.5	–
Outside MSA's	100.0	66.8	–	.2	33.0	19.6	11.1	2.3	–

[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 1993	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	69 323	63 074	360	614	5 275	1 754	2 548	496	293	184
Inside MSA's	52 148	48 342	273	504	3 030	1 082	1 321	328	170	129
In central cities	20 372	19 036	89	301	946	445	183	150	89	79
Not In central cities	31 776	29 306	184	203	2 084	637	1 138	177	81	50
Outside MSA's	17 176	14 732	88	110	2 246	673	1 227	169	123	55
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
United States	8 657	7 431	49	98	1 079	608	126	52	245	48
Inside MSA's	7 326	6 398	49	92	787	442	56	52	191	45
In central cities	5 442	4 752	41	74	574	322	18	40	156	38
Not In central cities	1 884	1 645	8	19	212	120	38	12	35	8
Outside MSA's	1 331	1 033	–	5	293	166	70	–	54	3
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980[1]										
United States	3 875	3 482	23	29	340	201	64	21	37	18
Inside MSA's	3 496	3 195	23	26	251	167	28	15	24	18
In central cities	2 141	1 958	16	26	141	90	7	12	19	13
Not In central cities	1 355	1 237	7	–	111	77	21	3	5	5
Outside MSA's	379	287	–	3	89	34	36	6	13	–
Percent Distribution										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980										
United States	100.0	91.0	.5	.9	7.6	2.5	3.7	.7	.4	.3
Inside MSA's	100.0	92.7	.5	1.0	5.8	2.1	2.5	.6	.3	.2
In central cities	100.0	93.4	.4	1.5	4.6	2.2	.9	.7	.4	.4
Not In central cities	100.0	92.2	.6	.6	6.6	2.0	3.6	.6	.3	.2
Outside MSA's	100.0	85.8	.5	.6	13.1	3.9	7.1	1.0	.7	.3
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
United States	100.0	85.8	.6	1.1	12.5	7.0	1.5	.6	2.8	.6
Inside MSA's	100.0	87.3	.7	1.3	10.7	6.0	.8	.7	2.6	.6
In central cities	100.0	87.3	.8	1.4	10.6	5.9	.3	.7	2.9	.7
Not In central cities	100.0	87.3	.4	1.0	11.3	6.4	2.0	.6	1.9	.4
Outside MSA's	100.0	77.6	–	.4	22.0	12.5	5.3	–	4.0	.2
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980[1]										
United States	100.0	89.9	.6	.8	8.8	5.2	1.6	.5	1.0	.5
Inside MSA's	100.0	91.4	.7	.8	7.2	4.8	.8	.4	.7	.5
In central cities	100.0	91.5	.7	1.2	6.6	4.2	.3	.6	.9	.6
Not In central cities	100.0	91.3	.5	–	8.2	5.6	1.6	.2	.4	.3
Outside MSA's	100.0	75.7	–	.8	23.5	9.0	9.5	1.5	3.5	–

[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 1993	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	15 263	14 286	136	214	627	231	223	94	41	39
Inside MSA's	13 206	12 474	112	192	428	153	142	67	33	34
In central cities	4 557	4 263	39	105	150	69	7	35	21	18
Not In central cities	8 649	8 211	73	87	278	84	135	32	11	16
Outside MSA's	2 057	1 812	24	23	199	79	81	27	8	5
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
Northeast	1 625	1 454	22	38	111	47	–	9	41	14
Inside MSA's	1 609	1 446	22	38	104	40	–	9	41	14
In central cities	1 253	1 120	16	23	93	37	–	7	34	14
Not In central cities	356	325	5	14	11	3	–	2	6	–
Outside MSA's	16	8	–	–	7	7	–	–	–	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980[1]										
Northeast	781	723	5	6	46	31	–	2	4	9
Inside MSA's	763	710	5	6	41	26	–	2	4	9
In central cities	603	555	3	6	39	24	–	2	4	9
Not In central cities	160	155	2	–	2	2	–	–	–	–
Outside MSA's	18	13	–	–	5	5	–	–	–	–
Percent Distribution										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980										
Northeast	100.0	93.6	.9	1.4	4.1	1.5	1.5	.6	.3	.3
Inside MSA's	100.0	94.5	.8	1.5	3.2	1.2	1.1	.5	.2	.3
In central cities	100.0	93.5	.8	2.3	3.3	1.5	.2	.8	.5	.4
Not In central cities	100.0	94.9	.8	1.0	3.2	1.0	1.6	.4	.1	.2
Outside MSA's	100.0	88.1	1.2	1.1	9.7	3.8	3.9	1.3	.4	.2
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
Northeast	100.0	89.5	1.3	2.3	6.8	2.9	–	.6	2.5	.9
Inside MSA's	100.0	89.8	1.4	2.4	6.5	2.5	–	.6	2.5	.9
In central cities	100.0	89.4	1.3	1.9	7.4	3.0	–	.6	2.7	1.1
Not In central cities	100.0	91.2	1.5	4.1	3.2	.7	–	.7	1.8	–
Outside MSA's	100.0	53.9	–	–	46.1	46.1	–	–	–	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980[1]										
Northeast	100.0	92.7	.6	.8	5.9	4.0	–	.3	.5	1.1
Inside MSA's	100.0	93.1	.6	.8	5.4	3.4	–	.3	.5	1.2
In central cities	100.0	92.1	.4	1.1	6.4	3.9	–	.4	.6	1.5
Not In central cities	100.0	97.0	1.5	–	1.5	1.5	–	–	–	–
Outside MSA's	100.0	72.3	–	–	27.7	27.7	–	–	–	–

[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 1993	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	17 598	111	195	1 134	439	476	123	71	25
Inside MSA's	12 924	12 100	74	152	598	234	242	66	42	15
In central cities	5 027	4 698	29	100	200	101	31	32	26	10
Not In central cities	7 898	7 402	45	52	398	132	211	34	17	5
Outside MSA's	6 114	5 498	37	43	535	205	234	56	29	11
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
Midwest	1 733	1 466	5	14	248	166	2	9	66	4
Inside MSA's	1 660	1 398	5	14	243	164	–	9	66	4
In central cities	1 422	1 172	5	14	231	151	–	9	66	4
Not In central cities	238	226	–	–	12	12	–	–	–	–
Outside MSA's	73	68	–	–	5	3	2	–	–	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980[1]										
Midwest	293	249	8	12	25	19	2	–	4	–
Inside MSA's	252	218	8	12	15	8	2	–	4	–
In central cities	194	162	8	12	12	8	–	–	4	–
Not In central cities	58	56	–	–	2	–	2	–	–	–
Outside MSA's	41	30	–	–	10	10	–	–	–	–
Percent Distribution										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980										
Midwest	100.0	92.4	.6	1.0	6.0	2.3	2.5	.6	.4	.1
Inside MSA's	100.0	93.6	.6	1.2	4.6	1.8	1.9	.5	.3	.1
In central cities	100.0	93.5	.6	2.0	4.0	2.0	.6	.6	.5	.2
Not In central cities	100.0	93.7	.6	.7	5.0	1.7	2.7	.4	.2	.1
Outside MSA's	100.0	89.9	.6	.7	8.8	3.4	3.8	.9	.5	.2
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
Midwest	100.0	84.6	.3	.8	14.3	9.6	.1	.5	3.8	.2
Inside MSA's	100.0	84.2	.3	.9	14.7	9.9	–	.5	4.0	.3
In central cities	100.0	82.4	.4	1.0	16.3	10.7	–	.6	4.7	.3
Not In central cities	100.0	94.9	–	–	5.1	5.1	–	–	–	–
Outside MSA's	100.0	93.5	–	–	6.5	3.6	2.9	–	–	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980[1]										
Midwest	100.0	84.9	2.6	4.0	8.5	6.4	.7	–	1.4	–
Inside MSA's	100.0	86.6	3.0	4.6	5.8	3.3	.8	–	1.6	–
In central cities	100.0	83.6	4.0	6.0	6.4	4.3	–	–	2.1	–
Not In central cities	100.0	96.5	–	–	3.5	–	3.5	–	–	–
Outside MSA's	100.0	74.6	–	–	25.4	25.4	–	–	–	–

[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 1993	Units changed by--		Units lost through--					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Number										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980										
South	21 592	18 903	56	125	2 509	736	1 354	190	150	79
Inside MSA's	14 968	13 468	31	105	1 364	416	690	131	78	48
In central cities	6 065	5 657	8	67	333	140	93	43	27	31
Not In central cities	8 903	7 811	23	38	1 030	277	597	88	51	17
Outside MSA's	6 624	5 435	24	20	1 145	319	665	58	71	32
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
South	4 406	3 674	10	43	679	375	119	28	138	19
Inside MSA's	3 190	2 733	10	38	410	228	54	28	84	16
In central cities	2 156	1 883	10	35	229	129	18	18	56	8
Not In central cities	1 034	850	–	3	181	99	36	10	29	8
Outside MSA's	1 216	941	–	5	269	148	65	–	54	3
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980[1]										
South	1 184	1 046	5	3	130	60	29	10	27	4
Inside MSA's	1 025	923	5	–	97	57	12	10	14	4
In central cities	646	586	2	–	58	34	7	7	8	2
Not In central cities	379	337	3	–	39	23	5	3	5	2
Outside MSA's	159	123	–	3	33	3	17	–	13	–
Percent Distribution										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980										
South	100.0	87.5	.3	.6	11.6	3.4	6.3	.9	.7	.4
Inside MSA's	100.0	90.0	.2	.7	9.1	2.8	4.6	.9	.5	.3
In central cities	100.0	93.3	.1	1.1	5.5	2.3	1.5	.7	.5	.5
Not In central cities	100.0	87.7	.3	.4	11.6	3.1	6.7	1.0	.6	.2
Outside MSA's	100.0	82.1	.4	.3	17.3	4.8	10.0	.9	1.1	.5
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
South	100.0	83.4	.2	1.0	15.4	8.5	2.7	.6	3.1	.4
Inside MSA's	100.0	85.7	.3	1.2	12.8	7.1	1.7	.9	2.6	.5
In central cities	100.0	87.3	.4	1.6	10.6	6.0	.9	.8	2.6	.4
Not In central cities	100.0	82.2	–	.3	17.5	9.6	3.4	.9	2.8	.7
Outside MSA's	100.0	77.4	–	.4	22.2	12.2	5.3	–	4.4	.2
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980[1]										
South	100.0	88.3	.4	.3	11.0	5.1	2.4	.9	2.3	.4
Inside MSA's	100.0	90.0	.5	–	9.5	5.6	1.1	1.0	1.3	.4
In central cities	100.0	90.6	.4	–	9.0	5.3	1.0	1.1	1.3	.3
Not In central cities	100.0	89.0	.7	–	10.3	6.1	1.4	.8	1.4	.6
Outside MSA's	100.0	77.2	–	1.9	20.9	2.0	10.6	–	8.3	–

[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 1993	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	13 430	12 287	57	80	1 006	349	495	90	31	41
Inside MSA's	11 050	10 300	55	55	639	279	248	63	16	33
In central cities	4 724	4 419	13	29	262	135	53	40	14	21
Not In central cities	6 326	5 881	42	26	377	144	195	23	2	12
Outside MSA's	2 381	1 987	2	25	367	69	247	27	15	8
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
West	893	837	13	2	41	19	5	6	–	10
Inside MSA's	866	821	13	2	30	11	2	6	–	10
In central cities	610	578	10	1	21	5	–	6	–	10
Not In central cities	256	244	2	1	8	6	2	–	–	–
Outside MSA's	27	16	–	–	11	8	3	–	–	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980[1]										
West	1 617	1 464	6	8	139	91	33	8	2	5
Inside MSA's	1 456	1 344	6	8	99	75	14	3	2	5
In central cities	699	656	3	8	32	24	–	3	2	2
Not In central cities	757	688	2	–	67	51	14	–	–	2
Outside MSA's	161	121	–	–	40	16	19	6	–	–
Percent Distribution										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980										
West	100.0	91.5	.4	.6	7.5	2.6	3.7	.7	.2	.3
Inside MSA's	100.0	93.2	.5	.5	5.8	2.5	2.2	.6	.1	.3
In central cities	100.0	93.5	.3	.6	5.6	2.9	1.1	.8	.3	.4
Not In central cities	100.0	93.0	.7	.4	6.0	2.3	3.1	.4	–	.2
Outside MSA's	100.0	83.5	.1	1.0	15.4	2.9	10.4	1.1	.6	.3
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
West	100.0	93.8	1.4	.3	4.6	2.2	.6	.7	–	1.2
Inside MSA's	100.0	94.9	1.5	.3	3.4	1.3	.2	.7	–	1.2
In central cities	100.0	94.7	1.7	.2	3.5	.8	–	1.0	–	1.7
Not In central cities	100.0	95.4	.9	.5	3.2	2.4	.8	–	–	–
Outside MSA's	100.0	58.5	–	–	41.5	30.2	11.3	–	–	–
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980[1]										
West	100.0	90.5	.3	.5	8.6	5.6	2.0	.5	.1	.3
Inside MSA's	100.0	92.3	.4	.6	6.8	5.1	1.0	.2	.2	.3
In central cities	100.0	93.8	.5	1.2	4.5	3.4	–	.4	.3	.3
Not In central cities	100.0	90.9	.3	–	8.9	6.7	1.8	–	–	.3
Outside MSA's	100.0	74.9	–	–	25.1	9.7	11.9	3.5	–	–

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

Figure 1.
Changes in the Housing Inventory for the United States: 1980 to 1993
(Numbers in thousands)

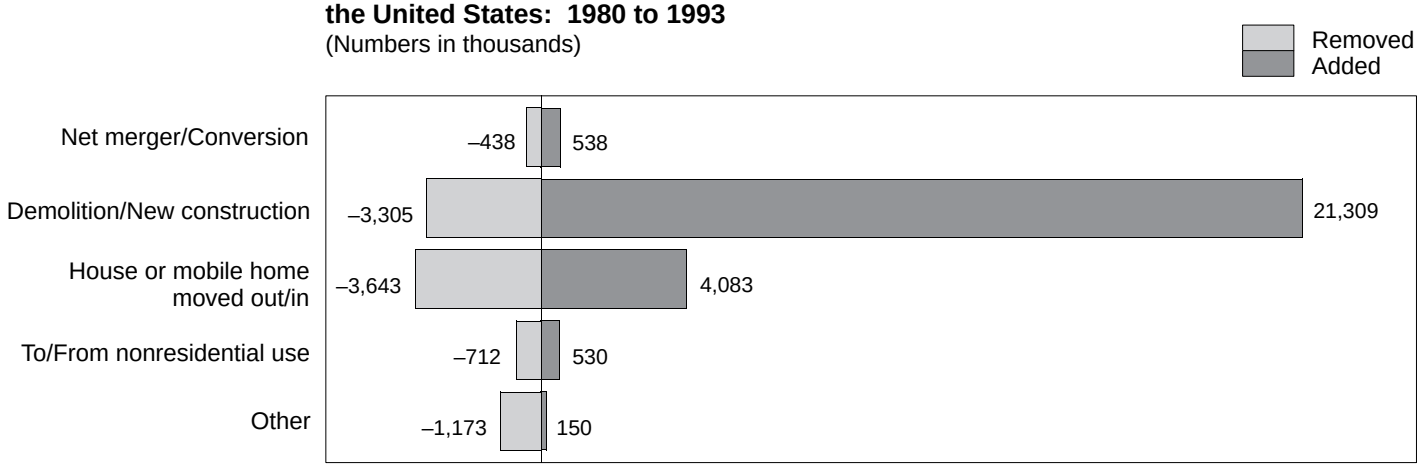


Figure 2.
Changes in the Housing Inventory by Region: 1980 to 1993
(Numbers in thousands)

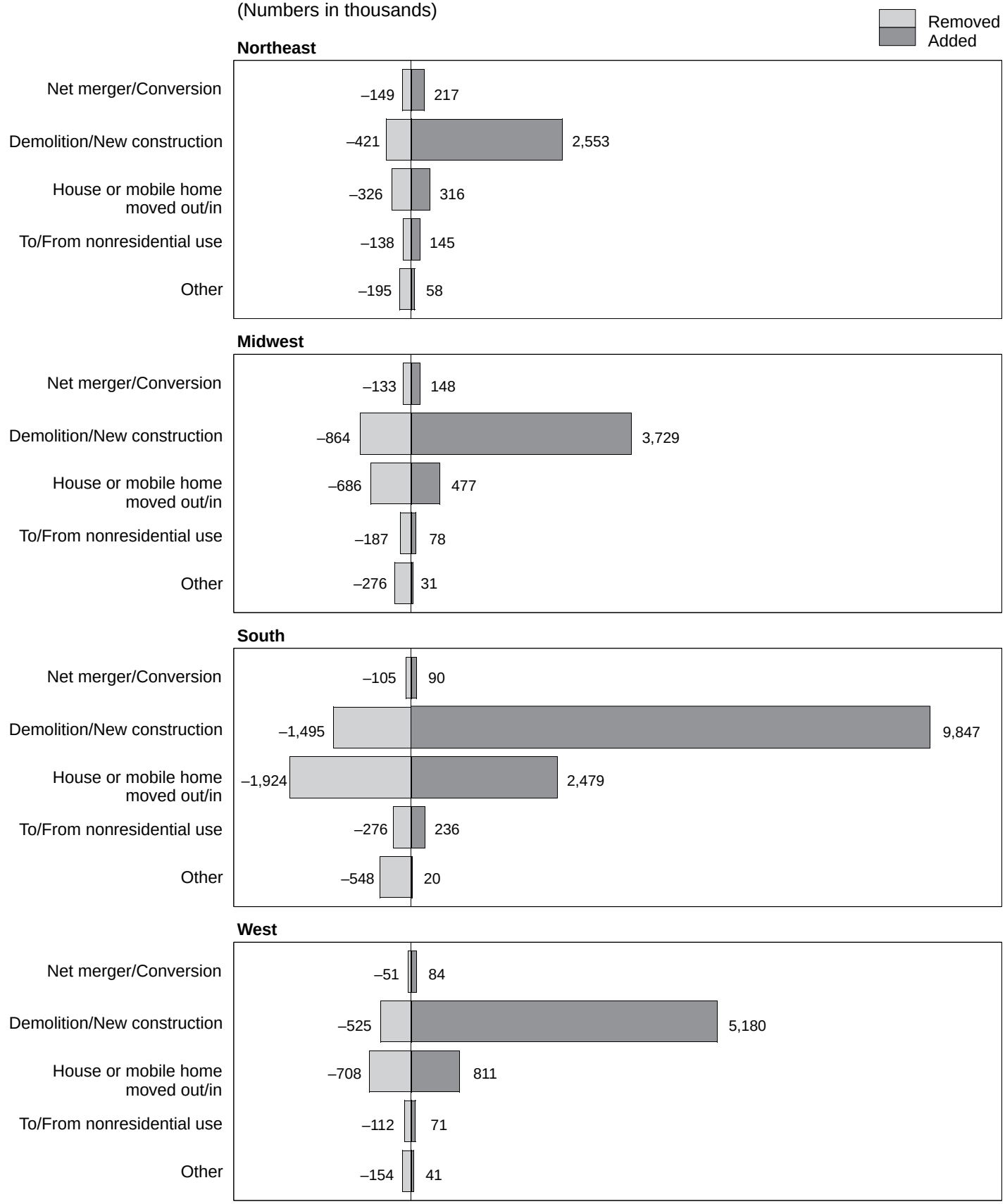
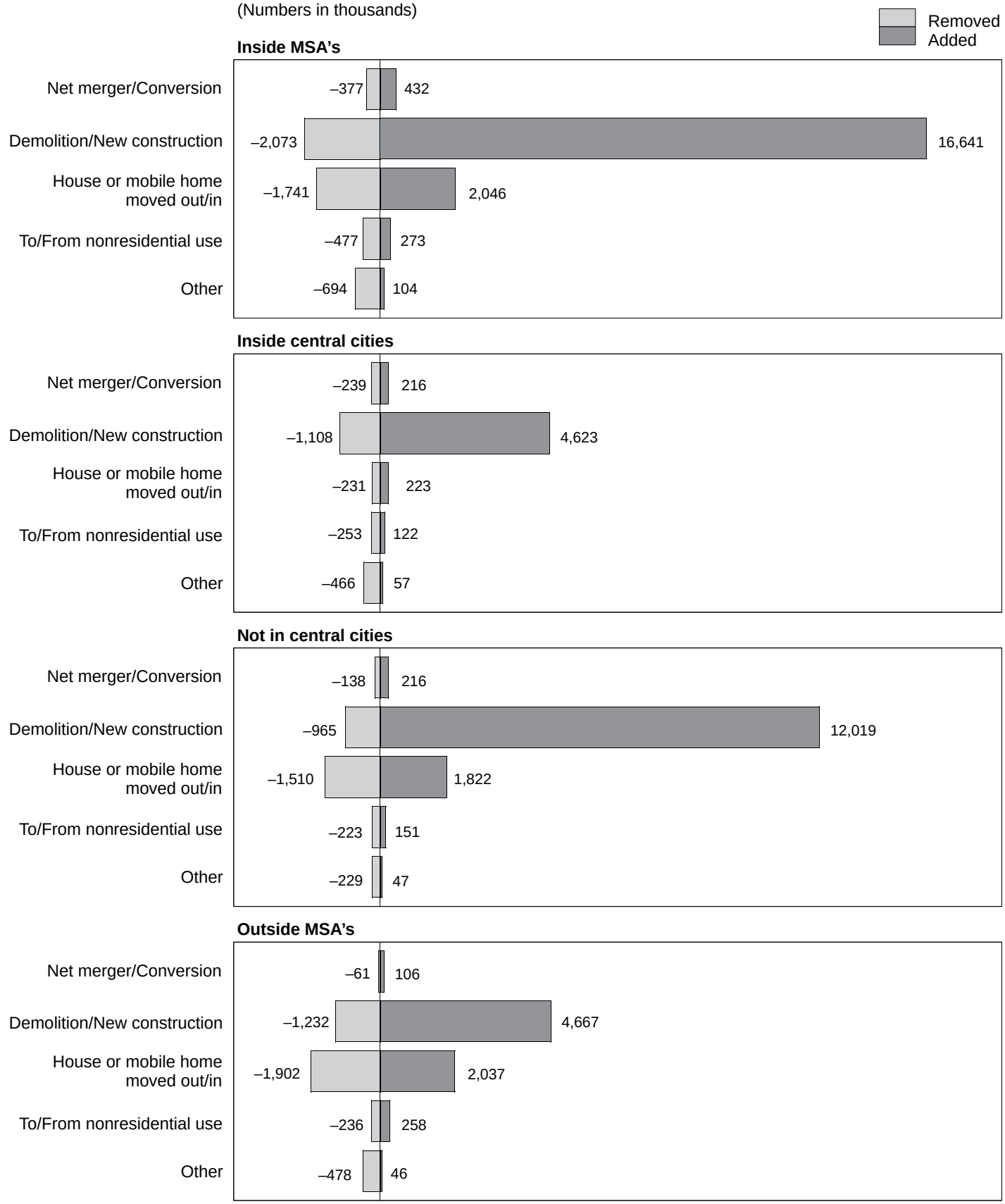


Figure 3.
Changes in the Housing Inventory by Metropolitan Residence: 1980 to 1993
(Numbers in thousands)



SECTION A. 1993 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1A-1. Introductory Characteristics—All Housing Units—U.S. Total

[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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**106 611**	**79 168**	**1 000**	**371**	**26 072**	**21 309**	**4 083**	**530**	**150**
Occupancy Status									
Vacant and URE	12 297	8 500	157	39	3 600	2 389	1 069	127	15
Occupied	94 314	70 668	843	331	22 472	18 920	3 014	404	135
Tenure									
Owner occupied	62 644	46 790	205	222	15 427	13 156	2 115	141	15
Percent of all occupied	66.4	66.2	24.3	67.0	68.6	69.5	70.2	35.0	11.2
Renter occupied	31 670	23 878	638	109	7 045	5 764	899	262	120
Units in Structure									
1, detached	65 052	53 389	–	232	11 431	10 932	166	290	43
1, attached	5 965	4 004	–	24	1 936	1 892	5	31	8
2 to 4	10 275	7 905	901	66	1 404	1 252	19	118	16
5 to 9	5 102	3 579	86	18	1 420	1 382	4	33	1
10 to 19	4 683	3 054	2	13	1 614	1 585	–	8	21
20 to 49	3 651	2 645	12	4	990	910	4	23	53
50 or more	4 040	3 175	–	13	852	817	–	27	8
Mobile home or trailer	7 843	1 416	–	2	6 425	2 540	3 885	–	–
Cooperatives and Condominiums									
Cooperatives	864	729	1	4	130	76	55	–	–
Condominiums	4 780	2 718	4	12	2 046	2 028	10	8	–
Year Structure Built[1]									
1990 to 1994	5 143	–	–	–	5 143	5 139	4	–	–
1985 to 1989	8 761	–	–	–	8 761	8 742	18	–	–
1980 to 1984	7 939	389	–	–	7 550	7 427	114	–	8
1975 to 1979	11 600	10 035	40	21	1 504	–	1 369	124	11
1970 to 1974	11 709	10 313	36	11	1 349	–	1 297	22	30
1960 to 1969	16 516	15 361	80	37	1 038	–	947	54	37
1950 to 1959	14 118	13 650	152	45	270	–	220	41	9
1940 to 1949	8 596	8 287	118	50	141	–	60	72	9
1930 to 1939	7 215	6 428	510	181	97	–	36	37	25
1920 to 1929	5 506	5 412	19	5	71	–	5	61	5
1919 or earlier	9 509	9 293	46	21	149	–	13	119	17
Median	**1964**	**1957**	**1939**	**1939**	**1984**	**1985**	**1973**	**1947**	**1963**
Suitability for Year-Round Use[2]									
Built and heated for year-round use	105 899	78 605	996	368	25 930	21 251	4 012	525	142
Not suitable	652	520	2	3	126	50	71	6	–
Not reported	60	42	2	–	15	8	–	–	8
Time Sharing									
URE owner, sold, not yet occupied, and vacant for sale units	2 152	1 483	4	14	651	532	96	23	–
Ownership time-shared	5	2	–	–	3	3	–	–	–
Not time-shared	2 147	1 481	4	14	648	529	96	23	–
Not reported	–	–	–	–	–	–	–	–	–
Duration of Vacancy									
Vacant units	11 076	7 708	140	34	3 194	2 079	994	111	10
Less than 1 month vacant	2 983	2 037	40	10	896	672	201	23	–
1 month up to 2 months	679	480	8	–	191	140	50	1	–
2 months up to 6 months	2 128	1 512	19	11	585	391	177	10	8
6 months up to 1 year	1 014	713	14	2	284	171	105	9	–
1 year up to 2 years	728	552	11	1	164	74	75	15	–
2 years or more	1 887	1 467	38	6	376	94	251	31	–
Never occupied	529	206	4	–	319	294	22	2	–
Don't know	1 128	741	5	4	378	243	113	20	2
Last Used as a Permanent Residence									
Vacant seasonal and URE units	3 310	2 063	32	9	1 207	740	429	24	13
Less than 1 month since occupied as permanent home	71	46	2	–	24	15	9	–	–
1 month up to 2 months	20	19	–	–	2	–	2	–	–
2 months up to 6 months	75	35	5	–	35	19	17	–	–
6 months up to 1 year	46	27	2	–	17	9	8	–	–
1 year up to 2 years	107	71	–	–	36	15	21	–	–
2 years or more	612	451	6	1	154	69	78	2	5
Never occupied as permanent home	1 761	1 060	9	3	689	444	237	7	–
Don't know	510	290	4	4	211	149	55	8	–
Not reported	108	65	4	–	38	22	2	6	8
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	80 994	60 823	802	306	19 063	16 641	2 046	273	104
In central cities	32 280	26 678	386	191	5 025	4 623	223	122	57
Suburbs	48 715	34 145	416	115	14 038	12 019	1 822	151	47
Outside metropolitan statistical areas	25 616	18 345	198	65	7 009	4 667	2 037	258	46
Regions									
Northeast	21 158	17 553	396	138	3 071	2 553	316	145	58
Midwest	25 481	20 790	272	104	4 315	3 729	477	78	31
South	37 885	25 064	162	77	12 582	9 847	2 479	236	20
West	22 087	15 760	171	52	6 104	5 180	811	71	41

SECTION A. 1993 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1A-1. Introductory Characteristics—All Housing Units—U.S. Total—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, 1993	Same units, 1980 and 1993	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	63 579	50 845	646	266	11 823	10 847	720	164	92
In central cities of (P)MSA's	31 628	26 308	384	191	4 746	4 348	219	122	57
Urban fringe	31 951	24 538	262	75	7 076	6 498	501	42	35
Outside urbanized areas	43 031	28 322	355	105	14 249	10 462	3 363	366	58
Other urban	12 909	9 835	169	58	2 847	2 327	370	111	39
Rural	30 122	18 488	186	47	11 402	8 135	2 993	255	19
Place Size[3]									
Less than 2,500 persons	5 372	4 378	78	18	898	569	273	48	8
2,500 to 9,999 persons	10 395	8 316	155	40	1 885	1 453	342	85	4
10,000 to 19,999 persons	9 351	7 697	78	36	1 539	1 312	178	22	27
20,000 to 49,999 persons	13 769	11 146	167	48	2 408	2 213	128	40	26
50,000 to 99,999 persons	8 990	7 410	71	27	1 482	1 350	83	17	32
100,000 to 249,999 persons	8 145	6 446	72	33	1 594	1 495	83	7	9
250,000 to 499,999 persons	5 495	4 589	44	31	831	779	31	16	5
500,000 to 999,999 persons	4 901	4 015	69	32	785	747	21	17	–
1,000,000 persons or more	6 966	6 271	103	67	525	419	27	55	24

[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. 1993 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

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

[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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**106 611**	**79 168**	**1 000**	**371**	**26 072**	**21 309**	**4 083**	**530**	**150**
Stories in Structure									
1	2 678	1 858	156	14	649	617	4	20	8
2	10 220	6 792	322	26	3 081	3 002	14	35	30
3	7 827	5 818	380	30	1 600	1 508	4	66	22
4 to 6	4 290	3 586	125	32	547	472	1	48	27
7 or more	2 719	2 302	3	12	402	347	4	39	12
Not reported	17	2	14	–	–	–	–	–	–
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	25 056	18 498	829	100	5 630	5 328	22	189	91
None (on same floor)	8 984	6 378	358	35	2 213	2 156	7	41	8
1 (up or down)	7 329	5 459	269	26	1 575	1 499	7	39	31
2 or more (up or down)	7 108	5 527	115	32	1 434	1 293	5	105	32
Not reported	1 635	1 133	88	6	409	381	4	4	20
Common Stairways									
Multiunits, 2 or more floors	25 056	18 498	829	100	5 630	5 328	22	189	91
No common stairways	4 930	3 483	394	18	1 034	989	1	37	6
With common stairways	18 664	14 025	349	75	4 215	3 982	18	148	68
No loose steps	17 357	12 981	303	69	4 004	3 806	18	125	55
Railings not loose	15 809	11 820	240	64	3 685	3 529	18	101	37
Railings loose	684	493	18	4	169	134	–	17	18
No railings	721	568	41	2	111	105	–	7	–
Status of railings not reported	143	100	4	–	38	38	–	–	–
Loose steps	1 254	999	44	6	206	170	–	23	13
Railings not loose	906	697	19	4	185	151	–	22	13
Railings loose	258	224	19	2	14	12	–	1	–
No railings	68	57	6	–	5	5	–	–	–
Status of railings not reported	23	20	–	–	2	2	–	–	–
Status of steps not reported	53	45	2	–	5	5	–	–	–
Status of stairways not reported	1 462	989	87	6	381	357	4	3	17
Light Fixtures in Public Halls									
2 or more units in structure	27 734	20 356	986	114	6 280	5 945	26	209	99
No public halls	10 443	7 166	639	44	2 595	2 500	5	73	17
No light fixtures in public halls	57	44	5	–	8	8	–	–	–
All in working order	10 546	8 118	142	42	2 245	2 092	7	93	53
Some in working order	637	543	32	2	62	41	–	17	4
None in working order	50	42	3	1	4	3	–	–	1
Unable to determine if working	4 191	3 215	69	19	889	848	10	24	7
Not reported	1 809	1 227	97	6	478	453	5	3	17
Elevator on Floor									
Multiunits, 2 or more floors	25 056	18 498	829	100	5 630	5 328	22	189	91
With 1 or more elevators working	4 393	3 423	5	16	949	881	4	41	24
With elevator, none in working condition	147	112	–	–	36	36	–	–	–
No elevator	19 076	14 010	738	78	4 250	4 041	15	145	49
Units 3 or more floors from main entrance	1 032	817	42	4	170	153	1	16	–
Not reported	1 440	952	86	6	396	371	4	3	19
Foundation									
1 unit bldg. excl. mobile homes	71 017	57 394	–	256	13 367	12 824	171	321	51
With basement under all of building	24 006	20 215	–	142	3 649	3 554	35	50	10
With basement under part of building	8 467	7 418	–	40	1 008	967	2	34	4
With crawl space	18 636	15 790	–	44	2 802	2 588	87	118	9
On concrete slab	18 354	12 649	–	25	5 680	5 535	38	103	4
Other	1 522	1 321	–	4	197	173	8	16	–
Not reported	31	–	–	–	31	7	–	–	24
External Building Conditions[1]									
Sagging roof	109	94	14	1	–	–	–	–	–
Missing roofing material	194	169	11	2	13	9	4	–	–
Hole in roof	35	28	–	1	6	2	4	–	–
Could not see roof	3 326	2 842	103	20	361	313	4	45	–
Missing bricks, siding, other outside wall material	499	433	39	5	21	21	–	–	–
Sloping outside walls	77	67	9	1	–	–	–	–	–
Boarded up windows	279	263	6	2	9	8	–	1	–
Broken windows	361	323	17	1	20	15	4	1	–
Bars on windows	562	489	20	3	50	23	4	24	–
Foundation crumbling or has open crack or hole	381	324	34	2	22	10	4	7	1
Could not see foundation	1 257	1 061	41	6	148	124	4	17	4
None of the above	21 267	15 206	689	82	5 290	5 043	15	156	76
Could not observe or not reported	2 152	1 458	130	6	558	533	4	4	18
Site Placement									
Mobile homes	7 843	1 416	–	2	6 425	2 540	3 885	–	–
First site	3 729	787	–	2	2 941	1 689	1 251	–	–
Moved from another site	2 290	278	–	–	2 012	534	1 478	–	–
Don't know	1 590	314	–	–	1 275	258	1 018	–	–
Not reported	234	36	–	–	198	59	139	–	–

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

SECTION A. 1993 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

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

[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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**106 611**	**79 168**	**1 000**	**371**	**26 072**	**21 309**	**4 083**	**530**	**150**
Rooms									
1 room	813	568	66	6	174	70	32	35	37
2 rooms	1 327	999	71	1	256	136	69	43	8
3 rooms	9 430	6 997	257	18	2 159	1 684	317	120	39
4 rooms	21 043	14 174	252	40	6 578	4 536	1 908	112	22
5 rooms	23 817	17 523	169	57	6 069	4 773	1 171	107	18
6 rooms	21 622	17 126	101	71	4 324	3 880	361	63	19
7 rooms	13 862	10 912	57	52	2 840	2 655	161	21	2
8 rooms	8 138	6 138	10	56	1 934	1 873	40	15	6
9 rooms	3 920	2 849	12	36	1 024	1 003	18	4	–
10 rooms or more	2 638	1 882	7	34	715	699	6	10	–
Median	**5.4**	**5.5**	**3.9**	**6.4**	**5.1**	**5.4**	**4.4**	**4.1**	**3.3**
Bedrooms									
None	1 492	1 147	100	6	240	128	32	42	37
1	13 245	9 806	356	27	3 056	2 372	465	173	46
2	34 270	24 372	335	86	9 477	6 821	2 468	163	25
3	41 735	31 707	168	133	9 727	8 548	1 030	123	26
4 or more	15 868	12 137	42	118	3 573	3 440	89	29	15
Median	**2.6**	**2.6**	**1.6**	**3.0**	**2.5**	**2.7**	**2.1**	**1.8**	**1.3**
Complete Bathrooms									
None	1 090	789	48	2	252	92	122	29	9
1	50 551	41 265	830	108	8 347	5 343	2 537	373	95
1 and one-half	16 301	13 465	51	37	2 748	2 195	506	27	20
2 or more	38 668	23 648	71	224	14 725	13 679	918	101	26
Square Footage of Unit									
Single detached and mobile homes	72 895	54 805	–	233	17 856	13 472	4 051	290	43
Less than 500	1 234	703	–	–	531	125	383	22	1
500 to 749	3 473	2 192	–	4	1 276	218	1 049	10	–
750 to 999	7 085	4 605	–	3	2 477	1 173	1 250	51	3
1,000 to 1,499	16 767	13 201	–	22	3 543	2 849	631	61	2
1,500 to 1,999	14 447	11 491	–	33	2 923	2 765	129	29	–
2,000 to 2,499	10 419	8 325	–	20	2 074	1 999	65	7	4
2,500 to 2,999	5 661	4 413	–	10	1 239	1 214	8	17	–
3,000 to 3,999	5 040	3 915	–	15	1 109	1 097	2	10	–
4,000 or more	2 899	2 130	–	14	755	725	20	8	2
Not reported (includes don't know)	5 870	3 830	–	111	1 929	1 306	515	77	31
Median	**1 671**	**1 708**	**...**	**1 972**	**1 523**	**1 811**	**817**	**1 202**	**...**
Lot Size									
Less than one-eighth acre	7 141	5 714	–	40	1 387	973	402	12	–
One-eighth up to one-quarter acre	13 095	10 668	–	62	2 365	2 092	259	15	–
One-quarter up to one-half acre	10 538	8 321	–	20	2 196	2 044	135	18	–
One-half up to one acre	7 406	5 535	–	15	1 856	1 618	209	29	–
1 to 4 acres	10 534	7 158	–	21	3 354	2 654	640	56	4
5 to 9 acres	1 700	1 035	–	4	662	481	160	16	4
10 acres or more	3 471	2 559	–	4	908	641	236	23	7
Don't know	14 440	10 482	–	66	3 891	2 778	1 019	87	8
Not reported	6 002	4 497	–	20	1 485	1 293	156	12	24
Median	**.41**	**.37**	**...**	**.21**	**.61**	**.54**	**1.10**	**1.76**	**...**

SECTION A. 1993 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

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

[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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**106 611**	**79 168**	**1 000**	**371**	**26 072**	**21 309**	**4 083**	**530**	**150**
Equipment[1]									
Lacking complete kitchen facilities	3 778	2 940	106	15	716	449	166	58	43
With complete kitchen (sink, refrigerator and burners)	102 833	76 227	894	356	25 356	20 860	3 917	472	107
Kitchen Sink	105 732	78 519	954	364	25 894	21 211	4 053	521	110
Refrigerator	103 767	76 955	913	359	25 540	20 969	3 954	491	126
Less than 5 years old	35 458	24 284	283	130	10 761	9 753	813	161	34
Age not reported	2 433	1 610	24	5	794	589	172	29	4
Burners and oven	104 414	77 374	927	360	25 753	21 172	3 980	494	108
Less than 5 years old	28 519	18 364	239	114	9 802	8 990	642	149	21
Age not reported	2 578	1 681	19	2	876	700	149	24	4
Burners only	189	134	3	–	53	19	19	8	7
Less than 5 years old	30	15	–	–	16	16	–	–	–
Age not reported	56	39	–	–	16	–	9	2	5
Oven only	101	72	–	–	29	21	7	1	–
Less than 5 years old	56	36	–	–	20	16	3	1	–
Age not reported	2	2	–	–	–	–	–	–	–
Neither burners nor oven	1 907	1 588	71	10	238	97	77	28	35
Dishwasher	53 373	35 515	192	158	17 509	16 653	716	108	31
Less than 5 years old	19 224	11 150	62	59	7 952	7 710	193	37	11
Age not reported	1 487	910	6	3	570	522	35	13	–
Washing machine	77 631	56 860	408	278	20 086	17 237	2 616	210	22
Less than 5 years old	27 658	18 703	149	106	8 700	7 832	789	74	4
Age not reported	1 055	656	11	4	383	310	73	–	–
Clothes dryer	71 522	51 689	365	240	19 227	16 836	2 179	193	19
Less than 5 years old	23 044	14 914	122	85	7 923	7 334	520	65	4
Age not reported	948	559	5	5	380	321	59	–	–
Disposal in kitchen sink	43 887	29 247	116	104	14 420	13 923	406	65	26
Less than 5 years old	16 546	9 425	48	44	7 029	6 898	100	25	7
Age not reported	1 968	1 321	2	4	640	602	30	8	–
Air conditioning:									
Central	46 469	29 442	132	75	16 819	15 454	1 207	110	48
1 room unit	18 239	15 051	232	72	2 884	1 582	1 129	151	22
2 room units	7 283	6 322	70	33	858	462	330	50	16
3 room units or more	2 674	2 486	18	33	136	93	43	–	–
Main Heating Equipment									
Warm-air furnace	56 558	41 222	386	144	14 806	12 149	2 473	124	61
Steam or hot water system	14 833	13 211	331	130	1 161	965	43	123	29
Electric heat pump	9 478	4 517	23	9	4 930	4 712	183	21	14
Built-in electric units	7 961	5 654	67	24	2 215	1 890	207	89	28
Floor, wall, or other built-in hot air units without ducts	5 695	5 079	60	19	537	316	186	28	7
Room heaters with flue	2 110	1 820	38	12	240	92	128	18	2
Room heaters without flue	1 866	1 550	14	7	295	77	198	17	3
Portable electric heaters	815	597	27	4	187	51	118	18	–
Stoves	3 343	2 520	29	1	793	457	301	35	–
Fireplaces with inserts	614	469	2	–	142	135	7	–	–
Fireplaces without inserts	341	268	2	3	67	62	2	3	–
Other	1 428	1 073	5	6	344	240	86	17	1
None	1 569	1 187	17	11	354	162	150	38	4
Other Heating Equipment									
With other heating equipment[1]	28 536	20 735	186	103	7 512	6 483	930	95	4
Warm-air furnace	1 310	851	6	4	449	298	143	8	–
Steam or hot water system	212	192	–	2	18	15	2	1	–
Electric heat pump	281	198	1	–	82	82	–	–	–
Built-in electric units	2 401	1 984	37	9	372	327	32	13	–
Floor, wall, or other built-in hot-air units without ducts	540	465	5	2	68	47	15	6	–
Room heaters with flue	927	763	6	2	156	75	78	3	–
Room heaters without flue	1 653	1 286	20	7	339	197	138	4	–
Portable electric heaters	5 503	4 555	57	22	869	561	275	33	–
Stoves	3 809	2 921	15	19	854	667	171	16	–
Fireplaces with inserts	4 396	2 997	9	12	1 377	1 330	36	7	4
Fireplaces with no inserts	9 572	6 273	52	25	3 222	3 166	49	7	–
Other	853	624	5	5	219	178	36	4	–
Plumbing									
With all plumbing facilities	104 471	77 583	932	363	25 593	21 032	3 926	499	136
Lacking some plumbing facilities[1]	380	258	28	1	94	28	56	9	–
No hot piped water	119	71	–	–	47	8	32	7	–
No bathtub nor shower	295	216	28	1	51	13	32	5	–
No flush toilet	170	114	23	–	32	13	20	–	–
No plumbing facilities for exclusive use	1 759	1 327	40	7	385	249	101	22	14
Source of Water									
Public system or private company	90 762	68 351	898	348	21 165	18 060	2 577	383	145
Well serving 1 to 5 units	13 583	9 229	78	18	4 258	2 871	1 256	127	4
Drilled	11 562	7 756	71	18	3 718	2 532	1 071	114	–
Dug	1 377	979	4	1	393	243	142	4	4
Not reported	644	495	2	–	147	96	43	8	–
Other	2 266	1 588	24	5	649	378	249	20	1

SECTION A. 1993 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1A-4. Selected Equipment and Plumbing—All Housing Units—U.S. Total—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, 1993	Same units, 1980 and 1993	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	81 345	62 606	819	331	17 589	15 582	1 535	336	136
Septic tank, cesspool, chemical toilet	24 805	16 225	181	39	8 360	5 674	2 487	185	14
Other	460	337	–	–	124	53	61	9	–

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

SECTION A. 1993 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

Table 1A-5. Fuels—All Housing Units—U.S. Total

[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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	**106 611**	**79 168**	**1 000**	**371**	**26 072**	**21 309**	**4 083**	**530**	**150**
Main House Heating Fuel									
Housing units with heating fuel	105 042	77 980	984	360	25 718	21 147	3 933	492	146
Electricity	28 643	16 462	154	47	11 979	10 576	1 202	151	50
Piped gas	52 413	42 904	573	230	8 706	7 554	936	143	73
Bottled gas	4 827	2 800	12	4	2 011	1 134	821	52	4
Fuel oil	12 352	10 918	201	67	1 167	818	243	90	16
Kerosene or other liquid fuel	1 215	682	–	–	533	207	317	6	2
Coal or coke	320	266	5	–	49	32	15	2	–
Wood	4 657	3 494	34	5	1 123	738	338	47	–
Solar energy	29	12	2	–	14	11	3	–	–
Other	587	442	2	8	135	76	58	–	1
Other House Heating Fuels									
With other heating fuels[1]	17 396	12 995	128	66	4 207	3 500	638	56	12
Electricity	5 693	4 531	67	25	1 071	795	234	36	6
Piped gas	920	720	9	2	189	164	25	–	–
Bottled gas	548	375	–	–	173	104	52	16	–
Fuel oil	583	531	2	–	50	36	14	–	–
Kerosene or other liquid fuel	1 176	843	18	4	311	173	138	–	–
Coal or coke	140	107	1	1	32	26	6	–	–
Wood	8 593	6 103	42	35	2 413	2 228	166	15	4
Solar energy	100	73	3	–	25	25	–	–	–
Other	386	280	4	1	101	76	23	–	2
Not reported	585	444	4	–	137	122	11	4	–
Cooking Fuel									
With cooking fuel	104 670	77 567	927	360	25 816	21 206	3 992	503	115
Electricity	62 060	43 457	463	158	17 982	15 723	1 845	322	92
Gas	41 939	33 708	464	201	7 566	5 343	2 019	181	23
Kerosene or other liquid fuel	406	233	–	–	173	91	82	–	–
Coal or coke	11	11	–	–	–	–	–	–	–
Wood	57	49	–	–	8	8	–	–	–
Other	198	109	–	2	88	42	46	–	–
Water Heating Fuel									
With hot piped water	105 963	78 715	987	370	25 891	21 252	3 990	508	141
Electricity	40 336	25 492	239	78	14 528	11 711	2 544	216	57
Gas	58 252	46 957	639	243	10 414	8 828	1 292	229	65
Fuel oil	6 113	5 435	105	37	536	424	41	60	12
Kerosene or other liquid fuel	385	190	–	2	194	120	69	3	2
Coal or coke	48	43	–	–	5	5	–	–	–
Wood	64	52	–	–	12	7	4	–	–
Solar energy	276	207	–	1	68	60	3	–	5
Other	489	340	4	9	135	98	36	1	–
Central Air Conditioning Fuel									
With central air conditioning	46 469	29 442	132	75	16 819	15 454	1 207	110	48
Electricity	43 256	26 997	128	70	16 062	14 733	1 183	98	48
Gas	3 014	2 291	4	6	713	680	21	12	–
Other	198	154	–	–	44	41	3	–	–
Clother Dryer Fuel									
With clothes dryer	71 522	51 689	365	240	19 227	16 836	2 179	193	19
Electricity	54 654	37 870	279	163	16 341	14 136	2 023	165	17
Gas	16 740	13 711	85	77	2 867	2 683	154	28	2
Other	127	108	–	–	20	18	2	–	–

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

SECTION A. 1993 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

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

[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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**106 611**	**79 168**	**1 000**	**371**	**26 072**	**21 309**	**4 083**	**530**	**150**
Selected Amenities[1]									
Porch, deck, balcony, or patio	81 664	59 756	583	273	21 052	17 929	2 771	323	30
Not reported	190	150	2	–	38	26	7	4	–
Usable fireplace	32 521	22 565	131	95	9 729	9 437	204	75	14
Separate dining room	47 193	36 030	223	219	10 721	9 828	778	102	13
With 2 or more living rooms or recreation rooms, etc.	32 763	24 956	127	160	7 520	6 986	437	87	10
Garage or carport included with home	59 048	44 879	281	159	13 729	12 702	836	161	29
Garage or carport not included	43 469	31 552	675	201	11 041	7 855	2 749	318	119
Offstreet parking included	33 632	23 020	442	135	10 036	7 189	2 513	250	83
Offstreet parking not reported	206	134	8	–	64	60	4	–	–
Garage or carport not reported	318	209	2	2	105	92	10	2	–
Owner or Manager on Property									
Rental, multiunit[2]	27 751	20 358	1 000	114	6 280	5 945	26	209	99
Owner or manager lives on property	8 754	6 264	223	21	2 247	2 190	–	34	23
Neither owner nor manager lives on property	13 896	10 469	477	44	2 905	2 670	21	151	63
Not reported	5 101	3 625	300	49	1 127	1 085	5	24	14
Selected Deficiencies[1]									
Holes in floors	1 541	1 180	32	11	318	120	177	18	3
Open cracks or holes (interior)	5 355	4 496	96	28	735	406	261	52	16
Broken plaster or peeling paint (interior)	4 403	3 880	79	32	412	219	141	46	7
No electrical wiring	113	71	–	–	42	35	3	4	–
Exposed wiring	1 961	1 651	35	7	269	176	75	15	3
Rooms without electric outlets	2 102	1 742	29	6	325	189	104	27	4
Description of Area Within 300 Feet[1]									
Single-family detached houses	9 744	7 633	622	49	1 440	1 316	19	75	31
Only single-family detached	–	–	–	–	–	–	–	–	–
Single-family attached or 1 to 3 story multiunit	18 901	13 819	463	75	4 543	4 378	2	124	39
4 to 6 story multiunit	4 714	3 961	54	27	673	557	4	82	30
7 stories or more multiunit	2 447	2 148	11	13	275	237	4	30	4
Mobile homes	247	158	14	–	74	60	4	6	4
Commercial, institutional, or industrial	8 100	6 462	268	46	1 323	1 141	4	137	41
Residential parking lots	7 835	5 508	75	24	2 228	2 158	–	33	37
Body of water	1 463	988	30	4	440	437	–	4	–
Open space, park, farm, or ranch	5 184	3 429	162	25	1 568	1 487	7	60	13
4+ lane highway, railroad, or airport	2 855	2 113	55	11	677	655	14	8	–
Other	1 445	1 083	39	8	314	289	4	17	5
Not observed or not reported	1 730	1 156	101	5	468	443	4	3	18
Age of Other Residential Buildings Within 300 Feet									
Older	1 637	996	20	1	620	603	10	3	4
About the same	19 070	14 212	644	81	4 133	3 968	2	121	43
Newer	644	506	64	5	70	57	–	5	7
Very mixed	3 612	2 826	109	21	657	578	11	57	12
No other residential buildings	985	637	51	1	297	260	–	20	17
Not reported	1 787	1 180	99	5	503	480	4	3	17
Mobile Homes in Group									
Mobile homes	7 843	1 416	–	2	6 425	2 540	3 885	–	–
1 to 6	4 842	642	–	1	4 199	1 644	2 555	–	–
7 to 20	528	71	–	–	457	164	293	–	–
21 or more	2 462	703	–	1	1 758	733	1 026	–	–
Not reported	11	–	–	–	11	–	11	–	–
Other Buildings Vandalized or With Interior Exposed									
None	23 758	17 477	782	97	5 402	5 126	19	188	69
1 building	446	376	20	5	46	41	4	1	–
More than 1 building	940	814	44	4	79	61	–	14	4
No buildings within 300 feet	469	261	27	–	181	177	–	–	4
Not reported	2 121	1 428	114	8	572	541	4	5	22
Bars on Windows of Buildings									
With other buildings within 300 feet	25 145	18 667	845	106	5 526	5 227	23	204	73
No bars on windows	20 856	14 904	718	74	5 158	4 935	19	164	40
1 building with bars	571	485	14	5	67	58	–	–	9
2 or more buildings with bars	3 577	3 157	110	25	285	218	4	40	24
Not reported	141	121	2	2	15	15	–	–	–
Condition of Streets									
No repairs needed	19 547	14 128	665	80	4 673	4 444	19	151	59
Minor repairs needed	5 350	4 294	188	24	844	776	4	48	15
Major repairs needed	641	532	21	4	84	72	–	7	5
No streets within 300 feet	500	284	13	–	202	200	–	–	3
Not reported	1 697	1 117	99	5	476	453	4	3	17

SECTION A. **1993 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS**

Table 1A-6. **Housing and Neighborhood Quality—All Housing Units—U.S. Total**—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, 1993	Same units, 1980 and 1993	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	18 810	13 192	616	67	4 936	4 727	15	141	54
Minor accumulation	6 444	5 370	237	36	801	709	8	60	24
Major accumulation	784	671	32	5	76	65	–	5	5
Not reported	1 697	1 123	102	5	467	444	4	3	17

[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. 1993 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS

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

[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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**106 611**	**79 168**	**1 000**	**371**	**26 072**	**21 309**	**4 083**	**530**	**150**
Monthly Housing Costs[1]									
Less than $100	1 847	1 313	18	2	514	230	261	10	12
$100 to $199	10 084	8 047	45	11	1 981	1 150	755	61	16
$200 to $249	6 259	5 065	72	14	1 108	681	357	55	15
$250 to $299	5 825	4 778	58	27	962	630	283	42	7
$300 to $349	5 515	4 484	74	13	943	646	236	59	2
$350 to $399	5 577	4 531	70	19	958	665	251	36	6
$400 to $449	5 444	4 240	73	29	1 102	847	228	27	–
$450 to $499	5 333	4 124	70	13	1 126	935	166	24	2
$500 to $599	9 538	7 284	98	26	2 129	1 950	155	22	2
$600 to $699	7 947	6 002	89	34	1 821	1 683	82	22	35
$700 to $799	6 022	4 422	58	29	1 513	1 468	29	6	9
$800 to $999	7 891	5 424	60	27	2 381	2 320	42	17	2
$1,000 to $1,249	5 306	3 444	26	33	1 803	1 766	20	17	–
$1,250 to $1,499	3 053	1 919	19	15	1 100	1 089	6	5	–
$1,500 or more	4 227	2 480	22	18	1 707	1 684	15	4	4
No cash rent	2 247	1 757	42	6	442	262	138	23	19
Mortgage payment not reported	5 486	3 932	23	25	1 506	1 412	75	16	3
Median (excludes no cash rent)	**491**	**466**	**461**	**605**	**588**	**668**	**262**	**330**	**383**
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	**522**	**479**	**632**	**745**	**686**	**798**	**231**	**359**	**...**
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	**260**	**224**	**350**	**464**	**409**	**508**	**100-**	**100-**	**...**
OWNER HOUSING UNITS									
Total	**64 796**	**48 273**	**209**	**236**	**16 078**	**13 687**	**2 211**	**165**	**15**
Average Monthly Cost Paid for Real Estate Taxes									
Less than $25	11 597	7 518	12	22	4 046	2 341	1 634	67	4
$25 to $49	10 834	8 650	30	36	2 119	1 751	326	42	1
$50 to $74	9 003	7 210	23	31	1 739	1 643	86	10	–
$75 to $99	6 653	5 199	24	33	1 396	1 347	44	6	–
$100 to $149	10 455	7 887	34	41	2 492	2 428	50	10	6
$150 to $199	6 080	4 599	28	26	1 428	1 386	26	11	4
$200 or more	10 172	7 211	58	46	2 857	2 791	46	20	–
Median	**79**	**79**	**123**	**97**	**77**	**96**	**25-**	**34**	**...**
Annual Taxes Paid Per $1,000 Value									
Less than $5	10 519	7 720	26	35	2 738	1 986	679	68	4
$5 to $9	16 792	12 327	48	56	4 360	3 853	456	50	1
$10 to $14	15 537	11 297	30	40	4 171	3 921	233	10	7
$15 to $19	8 233	6 358	20	42	1 813	1 646	155	12	–
$20 to $24	5 531	4 312	22	18	1 179	1 026	139	13	–
$25 or more	8 184	6 259	63	45	1 817	1 254	549	11	3
Median	**12**	**12**	**15**	**13**	**11**	**11**	**10**	**6**	**...**
Condominium and Cooperative Fee									
Fee paid by owners	2 685	1 528	–	8	1 149	1 144	–	5	–
Less than $25 per month	47	30	–	–	17	17	–	–	–
$25 to $49	79	27	–	–	53	53	–	–	–
$50 to $74	239	95	–	–	144	144	–	–	–
$75 to $99	323	133	–	–	190	190	–	–	–
$100 to $149	727	381	–	1	345	345	–	–	–
$150 to $199	491	304	–	2	184	184	–	–	–
$200 or more per month	643	480	–	2	160	156	–	4	–
Not reported	135	78	–	2	55	55	–	–	–
Median	**140**	**160**	**...**	**...**	**121**	**120**	**...**	**...**	**...**
Other Housing Costs Per Month									
Homeowner association fee paid	2 328	1 249	–	6	1 074	1 069	–	4	–
Median	**135**	**148**	**...**	**...**	**121**	**120**	**...**	**...**	**...**
Mobile home park fee paid	214	81	–	–	133	74	60	–	–
Median	**54**	**74**	**...**	**...**	**48**	**68**	**29**	**...**	**...**
Land rent fee paid	130	70	–	1	59	25	30	4	–
Median	**70**	**20**	**...**	**...**	**113**	**...**	**...**	**...**	**...**
Value[2]									
Less than $10,000	2 234	805	2	4	1 423	394	1 026	4	–
$10,000 to $19,999	2 623	1 313	5	2	1 302	790	513	–	–
$20,000 to $29,999	2 839	1 993	17	6	823	539	276	9	–
$30,000 to $39,999	3 592	3 005	9	14	564	451	100	10	3
$40,000 to $49,999	4 466	3 887	16	14	549	432	86	31	–
$50,000 to $59,999	4 349	3 767	12	22	548	476	60	12	–
$60,000 to $69,999	5 094	4 370	15	10	699	648	37	14	–
$70,000 to $79,999	4 874	3 968	21	21	864	824	30	10	–
$80,000 to $99,999	8 344	6 435	24	32	1 853	1 796	33	25	–
$100,000 to $119,999	5 410	3 954	10	13	1 431	1 404	8	15	5
$120,000 to $149,999	6 167	4 429	21	32	1 684	1 671	3	8	2
$150,000 to $199,999	6 530	4 652	12	23	1 843	1 819	15	6	4
$200,000 to $249,999	3 125	2 204	19	19	883	871	4	8	–
$250,000 to $299,999	1 865	1 260	7	7	591	580	11	–	–
$300,000 or more	3 281	2 229	20	16	1 017	992	11	14	–
Time shared units	68	29	–	–	39	39	–	–	–
Median	**85 575**	**83 195**	**86 709**	**95 119**	**93 657**	**107 043**	**11 553**	**73 315**	**...**

SECTION A. **1993 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS**

Table 1A-7. **Financial Characteristics—All Housing Units—U.S. Total**—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, 1993	Same units, 1980 and 1993	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	1 003	770	10	3	219	152	49	14	4
Medical or dental office	174	150	–	3	22	22	–	–	–
Neither	63 690	47 414	199	230	15 847	13 524	2 162	150	11

[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. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**32 280**	**26 678**	**386**	**191**	**5 025**	**4 623**	**223**	**122**	**57**
Occupancy Status									
Vacant and URE	3 496	2 850	62	18	566	467	60	26	13
Occupied	28 784	23 829	324	173	4 459	4 156	164	96	44
Tenure									
Owner occupied	14 686	12 354	62	111	2 159	2 045	101	9	4
Percent of all occupied	51.0	51.8	19.1	64.1	48.4	49.2	62.0	9.0	9.6
Renter occupied	14 098	11 474	262	62	2 300	2 111	62	87	40
Units in Structure									
1, detached	14 927	13 011	–	106	1 809	1 761	13	27	8
1, attached	2 559	2 065	–	21	473	468	–	1	4
2 to 4	5 062	4 274	315	36	437	384	14	38	–
5 to 9	2 525	1 884	59	10	572	553	4	15	–
10 to 19	2 151	1 522	1	5	623	603	–	3	18
20 to 49	2 020	1 581	11	4	425	380	4	21	20
50 or more	2 631	2 212	–	7	412	388	–	17	8
Mobile home or trailer	405	130	–	–	274	85	189	–	–
Cooperatives and Condominiums									
Cooperatives	548	509	1	3	34	34	–	–	–
Condominiums	1 454	927	2	5	521	515	–	6	–
Year Structure Built[1]									
1990 to 1994	847	–	–	–	847	847	–	–	–
1985 to 1989	1 893	–	–	–	1 893	1 893	–	–	–
1980 to 1984	1 982	100	–	–	1 882	1 882	–	–	–
1975 to 1979	2 426	2 306	11	9	100	–	84	14	1
1970 to 1974	2 955	2 856	14	3	82	–	65	9	8
1960 to 1969	4 685	4 589	19	17	59	–	40	11	8
1950 to 1959	4 560	4 469	34	26	31	–	18	7	5
1940 to 1949	3 421	3 309	57	19	36	–	7	20	9
1930 to 1939	3 215	2 868	225	102	20	–	1	11	8
1920 to 1929	2 735	2 699	5	5	26	–	–	22	5
1919 or earlier	3 561	3 482	21	10	49	–	7	28	14
Median	**1956**	**1952**	**1937**	**1938**	**1984**	**1985**	**1973**	**1940**	**1942**
Suitability for Year-Round Use[2]									
Built and heated for year-round use	32 239	26 649	386	191	5 014	4 623	223	118	49
Not suitable	17	13	–	–	4	–	–	4	–
Not reported	24	16	–	–	8	–	–	–	8
Time Sharing									
URE owner, sold, not yet occupied, and vacant for sale units	488	384	3	7	93	75	13	4	–
Ownership time-shared	–	–	–	–	–	–	–	–	–
Not time-shared	488	384	3	7	93	75	13	4	–
Not reported	–	–	–	–	–	–	–	–	–
Duration of Vacancy									
Vacant units	3 179	2 623	49	16	491	401	60	22	8
Less than 1 month vacant	789	624	8	–	156	145	10	–	–
1 month up to 2 months	245	190	2	–	52	37	15	–	–
2 months up to 6 months	719	599	4	5	110	92	11	–	8
6 months up to 1 year	301	254	9	2	36	21	15	–	–
1 year up to 2 years	223	203	4	1	15	8	–	7	–
2 years or more	548	505	15	5	23	10	5	7	–
Never occupied	56	11	4	–	41	39	–	2	–
Don't know	300	238	1	2	58	50	4	4	–
Last Used as a Permanent Residence									
Vacant seasonal and URE units	462	311	12	2	136	95	19	9	13
Less than 1 month since occupied as permanent home	9	7	–	–	2	2	–	–	–
1 month up to 2 months	8	8	–	–	–	–	–	–	–
2 months up to 6 months	15	9	–	–	5	5	–	–	–
6 months up to 1 year	10	10	–	–	–	–	–	–	–
1 year up to 2 years	25	23	–	–	2	2	–	–	–
2 years or more	122	95	2	1	24	17	–	1	5
Never occupied as permanent home	99	46	7	–	46	28	17	–	–
Don't know	135	87	4	1	43	33	2	8	–
Not reported	40	26	–	–	14	6	–	–	8
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	32 280	26 678	386	191	5 025	4 623	223	122	57
In central cities	32 280	26 678	386	191	5 025	4 623	223	122	57
Suburbs	...	...	...	...	...	...	...	...	...
Outside metropolitan statistical areas	...	...	...	...	...	...	...	...	...
Regions									
Northeast	6 665	6 025	176	65	399	312	9	45	33
Midwest	7 231	6 335	86	57	753	710	22	12	9
South	10 571	8 301	51	47	2 172	2 031	93	46	1
West	7 813	6 017	73	21	1 701	1 569	99	19	14

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	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	31 628	26 308	384	191	4 746	4 348	219	122	57
In central cities of (P)MSA's	31 628	26 308	384	191	4 746	4 348	219	122	57
Urban fringe	...	...	...	...	...	...	...	...	...
Outside urbanized areas	652	371	2	–	279	274	5	–	–
Other urban	472	334	2	–	136	134	2	–	–
Rural	179	36	–	–	143	140	3	–	–
Place Size[3]									
Less than 2,500 persons	–	–	–	–	–	–	–	–	–
2,500 to 9,999 persons	–	–	–	–	–	–	–	–	–
10,000 to 19,999 persons	185	114	9	–	62	62	–	–	–
20,000 to 49,999 persons	3 173	2 486	46	11	631	572	33	15	10
50,000 to 99,999 persons	4 651	3 774	47	20	810	751	37	14	8
100,000 to 249,999 persons	6 909	5 430	67	30	1 382	1 292	74	6	9
250,000 to 499,999 persons	5 495	4 589	44	31	831	779	31	16	5
500,000 to 999,999 persons	4 901	4 015	69	32	785	747	21	17	–
1,000,000 persons or more	6 966	6 271	103	67	525	419	27	55	24

[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. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**32 280**	**26 678**	**386**	**191**	**5 025**	**4 623**	**223**	**122**	**57**
Stories in Structure									
1	1 032	806	43	5	178	170	–	8	–
2	4 716	3 398	116	13	1 189	1 158	13	10	9
3	3 765	2 993	129	19	624	592	4	18	10
4 to 6	2 819	2 473	93	16	237	200	1	21	15
7 or more	2 057	1 803	3	10	241	189	4	37	12
Not reported	1	–	1	–	–	–	–	–	–
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	13 357	10 666	342	58	2 291	2 138	22	86	45
None (on same floor)	4 317	3 362	144	18	794	774	7	11	2
1 (up or down)	3 752	2 959	102	18	673	633	7	21	12
2 or more (up or down)	4 519	3 737	84	20	679	596	5	51	28
Not reported	768	608	13	2	145	135	4	2	4
Common Stairways									
Multiunits, 2 or more floors	13 357	10 666	342	58	2 291	2 138	22	86	45
No common stairways	2 228	1 766	130	12	320	298	–	17	5
With common stairways	10 489	8 412	202	43	1 833	1 708	18	67	40
No loose steps	9 694	7 728	170	39	1 757	1 644	18	62	33
Railings not loose	8 880	7 061	144	33	1 641	1 534	18	60	29
Railings loose	377	297	12	4	66	62	–	–	4
No railings	367	311	14	2	41	38	–	2	–
Status of railings not reported	70	60	–	–	10	10	–	–	–
Loose steps	772	661	31	4	76	64	–	5	7
Railings not loose	526	442	16	3	65	54	–	4	7
Railings loose	187	169	13	1	4	2	–	1	–
No railings	45	39	2	–	5	5	–	–	–
Status of railings not reported	14	11	–	–	2	2	–	–	–
Status of steps not reported	23	23	–	–	–	–	–	–	–
Status of stairways not reported	639	488	10	3	138	133	4	2	–
Light Fixtures in Public Halls									
2 or more units in structure	14 389	11 472	385	63	2 469	2 308	22	94	45
No public halls	4 700	3 554	216	22	908	869	–	36	3
No light fixtures in public halls	25	25	–	–	–	–	–	–	–
All in working order	6 093	5 007	86	29	970	878	7	50	35
Some in working order	410	365	29	1	15	15	–	–	–
None in working order	41	37	3	1	–	–	–	–	–
Unable to determine if working	2 295	1 858	36	6	394	371	10	6	7
Not reported	825	625	15	3	182	175	5	2	–
Elevator on Floor									
Multiunits, 2 or more floors	13 357	10 666	342	58	2 291	2 138	22	86	45
With 1 or more elevators working	2 823	2 335	3	10	475	412	4	38	21
With elevator, none in working condition	100	74	–	–	26	26	–	–	–
No elevator	9 810	7 790	327	45	1 649	1 564	14	46	24
Units 3 or more floors from main entrance	736	617	41	4	74	64	1	9	–
Not reported	624	467	13	3	141	136	4	1	–
Foundation									
1 unit bldg. excl. mobile homes	17 486	15 076	–	128	2 282	2 229	13	28	12
With basement under all of building	6 089	5 589	–	81	419	414	–	–	6
With basement under part of building	1 404	1 252	–	11	141	141	–	–	–
With crawl space	4 327	3 921	–	25	382	370	5	1	6
On concrete slab	5 293	3 977	–	8	1 308	1 282	4	23	–
Other	372	337	–	3	32	23	4	5	–
Not reported	–	–	–	–	–	–	–	–	–
External Building Conditions[1]									
Sagging roof	58	58	–	–	–	–	–	–	–
Missing roofing material	101	91	–	2	7	7	–	–	–
Hole in roof	16	15	–	1	–	–	–	–	–
Could not see roof	2 294	1 994	69	16	215	175	4	37	–
Missing bricks, siding, other outside wall material	312	281	17	4	10	10	–	–	–
Sloping outside walls	46	44	–	1	–	–	–	–	–
Boarded up windows	223	215	3	1	5	4	–	1	–
Broken windows	267	248	6	1	12	11	–	1	–
Bars on windows	520	457	17	3	43	18	4	21	–
Foundation crumbling or has open crack or hole	250	216	18	1	15	7	–	7	–
Could not see foundation	937	829	26	6	77	56	4	17	–
None of the above	10 467	8 154	269	41	2 003	1 889	14	55	45
Could not observe or not reported	980	736	23	3	217	212	4	2	–
Site Placement									
Mobile homes	405	130	–	–	274	85	189	–	–
First site	202	79	–	–	122	41	82	–	–
Moved from another site	55	16	–	–	39	15	24	–	–
Don't know	126	30	–	–	96	22	74	–	–
Not reported	22	4	–	–	17	8	10	–	–

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

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**32 280**	**26 678**	**386**	**191**	**5 025**	**4 623**	**223**	**122**	**57**
Rooms									
1 room	476	379	50	–	46	24	5	8	10
2 rooms	691	579	30	1	81	47	6	21	8
3 rooms	4 541	3 654	106	11	771	706	34	31	–
4 rooms	7 081	5 626	92	18	1 345	1 204	85	45	12
5 rooms	6 961	5 886	56	26	992	910	56	13	13
6 rooms	5 917	5 073	27	41	777	740	22	1	13
7 rooms	3 437	2 989	11	28	409	394	10	4	–
8 rooms	1 807	1 450	5	29	323	316	5	–	2
9 rooms	810	613	5	19	173	173	–	–	–
10 rooms or more	558	428	5	18	108	108	–	–	–
Median	**5.0**	**5.0**	**3.6**	**6.5**	**4.8**	**4.9**	**4.3**	**3.5**	**4.4**
Bedrooms									
None	911	770	67	–	74	50	5	9	10
1	6 276	5 047	142	14	1 073	954	55	56	8
2	10 904	8 973	110	43	1 779	1 606	116	45	12
3	10 568	8 953	53	67	1 494	1 428	42	11	13
4 or more	3 620	2 935	14	66	605	585	5	1	15
Median	**2.3**	**2.3**	**1.4**	**3.1**	**2.3**	**2.3**	**1.9**	**1.4**	**2.4**
Complete Bathrooms									
None	272	200	34	1	37	11	7	11	9
1	18 587	16 374	321	55	1 838	1 578	135	100	26
1 and one-half	4 350	3 833	9	19	489	446	31	5	8
2 or more	9 071	6 272	23	116	2 660	2 588	51	7	14
Square Footage of Unit									
Single detached and mobile homes	15 331	13 141	–	107	2 084	1 847	202	27	8
Less than 500	198	141	–	–	57	9	36	11	1
500 to 749	493	446	–	4	42	10	32	–	–
750 to 999	1 311	1 158	–	2	151	80	69	2	–
1,000 to 1,499	3 775	3 365	–	8	401	377	24	–	–
1,500 to 1,999	3 377	2 878	–	11	488	480	8	–	–
2,000 to 2,499	2 279	1 960	–	9	311	307	4	–	–
2,500 to 2,999	1 083	906	–	3	174	174	–	–	–
3,000 to 3,999	951	787	–	7	157	157	–	–	–
4,000 or more	569	463	–	8	97	97	–	–	–
Not reported (includes don't know)	1 294	1 036	–	54	205	154	30	14	7
Median	**1 684**	**1 664**	**...**	**1 985**	**1 795**	**1 885**	**817**	**...**	**...**
Lot Size									
Less than one-eighth acre	2 720	2 437	–	29	253	205	39	9	–
One-eighth up to one-quarter acre	4 090	3 547	–	25	519	508	10	–	–
One-quarter up to one-half acre	2 165	1 794	–	11	359	346	13	–	–
One-half up to one acre	923	771	–	6	145	142	4	–	–
1 to 4 acres	579	481	–	2	96	96	–	–	–
5 to 9 acres	20	10	–	–	10	5	5	–	–
10 acres or more	37	34	–	1	2	2	–	–	–
Don't know	4 739	3 950	–	37	752	652	84	9	8
Not reported	2 174	1 833	–	15	326	306	19	2	–
Median	**.20**	**.20**	**...**	**.17**	**.23**	**.24**	**.13-**	**...**	**...**

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**32 280**	**26 678**	**386**	**191**	**5 025**	**4 623**	**223**	**122**	**57**
Equipment[1]									
Lacking complete kitchen facilities	1 437	1 221	49	7	159	109	13	21	17
With complete kitchen (sink, refrigerator and burners)	30 843	25 457	336	184	4 866	4 513	211	101	40
Kitchen Sink	31 949	26 419	356	190	4 985	4 609	223	113	41
Refrigerator	31 192	25 745	341	186	4 919	4 539	215	109	57
Less than 5 years old	10 747	8 403	118	61	2 166	2 068	35	41	22
Age not reported	906	675	4	3	224	206	6	12	–
Burners and oven	31 357	25 865	348	186	4 959	4 597	215	105	41
Less than 5 years old	8 183	6 203	89	55	1 835	1 775	26	24	10
Age not reported	973	706	3	–	264	247	8	8	–
Burners only	67	62	–	–	5	–	–	5	–
Less than 5 years old	7	7	–	–	–	–	–	–	–
Age not reported	20	20	–	–	–	–	–	–	–
Oven only	42	31	–	–	11	10	–	1	–
Less than 5 years old	18	11	–	–	6	6	–	1	–
Age not reported	–	–	–	–	–	–	–	–	–
Neither burners nor oven	813	720	38	5	50	15	8	11	16
Dishwasher	14 141	9 979	38	79	4 045	3 961	60	12	12
Less than 5 years old	4 828	3 103	10	33	1 681	1 655	13	7	7
Age not reported	572	356	–	2	215	204	6	4	–
Washing machine	19 451	15 857	121	137	3 335	3 204	122	7	2
Less than 5 years old	7 098	5 476	39	49	1 534	1 485	48	1	–
Age not reported	288	186	7	3	92	84	8	–	–
Clothes dryer	16 972	13 498	104	112	3 259	3 141	109	7	2
Less than 5 years old	5 731	4 220	32	38	1 441	1 411	30	1	–
Age not reported	258	159	2	3	94	91	3	–	–
Disposal in kitchen sink	14 250	10 197	40	55	3 958	3 869	67	13	9
Less than 5 years old	5 079	3 287	16	24	1 752	1 729	16	4	3
Age not reported	938	661	2	4	270	248	18	4	–
Air conditioning:									
Central	13 164	9 334	54	44	3 732	3 639	61	20	12
1 room unit	5 632	5 162	63	35	372	266	58	39	9
2 room units	2 383	2 237	30	18	98	65	16	17	–
3 room units or more	981	933	1	20	28	21	6	–	–
Main Heating Equipment									
Warm-air furnace	16 385	13 235	148	81	2 921	2 744	134	20	23
Steam or hot water system	6 591	6 084	143	68	296	214	24	43	16
Electric heat pump	2 251	1 282	2	4	962	940	8	4	10
Built-in electric units	2 154	1 607	23	5	519	491	9	14	5
Floor, wall, or other built-in hot air units without ducts	2 250	2 061	24	13	152	122	14	16	–
Room heaters with flue	549	517	17	5	10	9	1	–	–
Room heaters without flue	558	529	6	4	19	11	7	1	–
Portable electric heaters	252	219	13	3	16	2	8	6	–
Stoves	191	187	–	–	5	5	–	–	–
Fireplaces with inserts	83	64	–	–	18	18	–	–	–
Fireplaces without inserts	78	58	–	–	20	20	–	–	–
Other	405	355	–	2	48	33	10	5	–
None	533	480	10	5	39	14	8	13	4
Other Heating Equipment									
With other heating equipment[1]	6 501	5 041	49	43	1 369	1 323	33	13	–
Warm-air furnace	156	125	–	3	27	27	–	–	–
Steam or hot water system	33	30	–	2	1	–	–	1	–
Electric heat pump	80	52	–	–	29	29	–	–	–
Built-in electric units	456	411	9	2	34	34	–	–	–
Floor, wall, or other built-in hot-air units without ducts	129	122	2	–	5	5	–	–	–
Room heaters with flue	184	170	2	2	10	10	–	–	–
Room heaters without flue	272	246	–	6	21	17	3	–	–
Portable electric heaters	1 695	1 533	24	10	128	103	13	12	–
Stoves	417	339	4	1	73	64	8	–	–
Fireplaces with inserts	753	503	2	8	240	240	–	–	–
Fireplaces with no inserts	2 696	1 812	10	12	861	850	11	–	–
Other	177	143	2	–	32	32	–	–	–
Plumbing									
With all plumbing facilities	31 705	26 213	341	187	4 965	4 590	216	111	48
Lacking some plumbing facilities[1]	125	85	25	1	14	2	7	5	–
No hot piped water	8	2	–	–	6	2	–	4	–
No bathtub nor shower	116	78	25	1	12	–	7	5	–
No flush toilet	82	55	23	–	4	–	4	–	–
No plumbing facilities for exclusive use	450	381	20	3	47	31	–	7	9
Source of Water									
Public system or private company	31 609	26 144	385	184	4 895	4 510	210	118	57
Well serving 1 to 5 units	196	134	–	2	59	46	13	–	–
Drilled	157	107	–	2	47	42	6	–	–
Dug	18	13	–	–	4	4	–	–	–
Not reported	21	13	–	–	8	–	8	–	–
Other	476	400	–	5	71	67	–	4	–

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	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	31 664	26 218	385	188	4 874	4 491	207	118	57
Septic tank, cesspool, chemical toilet	604	453	1	3	148	132	16	–	–
Other	12	7	–	–	4	–	–	4	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**32 280**	**26 678**	**386**	**191**	**5 025**	**4 623**	**223**	**122**	**57**
Main House Heating Fuel									
Housing units with heating fuel	31 747	26 199	376	185	4 987	4 609	216	109	53
Electricity	7 906	5 186	50	17	2 653	2 569	38	30	15
Piped gas	19 305	16 842	260	145	2 058	1 817	145	65	30
Bottled gas	140	104	–	1	35	21	14	–	–
Fuel oil	3 691	3 431	65	20	174	139	14	13	8
Kerosene or other liquid fuel	87	84	–	–	3	–	3	–	–
Coal or coke	19	19	–	–	–	–	–	–	–
Wood	377	331	–	–	46	46	–	–	–
Solar energy	3	–	–	–	3	3	–	–	–
Other	220	203	–	2	15	13	1	–	1
Other House Heating Fuels									
With other heating fuels[1]	3 454	2 745	36	19	654	631	18	4	2
Electricity	1 381	1 215	24	6	135	121	10	4	–
Piped gas	237	190	2	–	45	45	–	–	–
Bottled gas	14	12	–	–	3	3	–	–	–
Fuel oil	88	88	–	–	–	–	–	–	–
Kerosene or other liquid fuel	159	143	–	3	12	12	–	–	–
Coal or coke	13	12	1	1	–	–	–	–	–
Wood	1 557	1 068	12	10	467	457	10	–	–
Solar energy	15	10	–	–	5	5	–	–	–
Other	113	99	2	–	12	10	–	–	2
Not reported	131	109	–	–	22	18	–	4	–
Cooking Fuel									
With cooking fuel	31 455	25 951	346	186	4 972	4 605	215	111	41
Electricity	15 521	11 629	105	62	3 725	3 591	76	35	25
Gas	15 901	14 294	240	124	1 242	1 014	135	77	16
Kerosene or other liquid fuel	7	7	–	–	–	–	–	–	–
Coal or coke	2	2	–	–	–	–	–	–	–
Wood	–	–	–	–	–	–	–	–	–
Other	24	19	–	–	4	–	4	–	–
Water Heating Fuel									
With hot piped water	32 197	26 622	380	191	5 004	4 620	223	113	48
Electricity	8 546	5 951	43	27	2 524	2 407	72	30	16
Gas	21 120	18 340	294	146	2 340	2 103	142	71	25
Fuel oil	2 238	2 109	41	11	77	57	2	10	8
Kerosene or other liquid fuel	3	–	–	–	3	–	3	–	–
Coal or coke	7	7	–	–	–	–	–	–	–
Wood	3	3	–	–	–	–	–	–	–
Solar energy	79	61	–	–	18	18	–	–	–
Other	201	151	2	6	42	36	4	1	–
Central Air Conditioning Fuel									
With central air conditioning	13 164	9 334	54	44	3 732	3 639	61	20	12
Electricity	12 261	8 593	52	42	3 574	3 485	61	16	12
Gas	826	675	2	2	147	144	–	4	–
Other	77	66	–	–	10	10	–	–	–
Clother Dryer Fuel									
With clothes dryer	16 972	13 498	104	112	3 259	3 141	109	7	2
Electricity	12 069	9 169	71	65	2 764	2 673	85	5	–
Gas	4 879	4 304	33	47	495	468	24	2	2
Other	25	25	–	–	–	–	–	–	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**32 280**	**26 678**	**386**	**191**	**5 025**	**4 623**	**223**	**122**	**57**
Selected Amenities[1]									
Porch, deck, balcony, or patio	22 068	17 848	181	143	3 896	3 688	145	53	9
Not reported	76	59	–	–	17	17	–	–	–
Usable fireplace	8 052	5 754	40	40	2 218	2 188	16	4	10
Separate dining room	13 920	11 730	71	110	2 009	1 936	60	12	2
With 2 or more living rooms or recreation rooms, etc.	7 654	6 326	32	84	1 212	1 179	31	–	2
Garage or carport included with home	15 489	12 539	79	70	2 801	2 688	92	9	12
Garage or carport not included	15 875	13 372	289	116	2 097	1 829	121	102	45
Offstreet parking included	9 611	7 637	144	61	1 769	1 604	96	54	15
Offstreet parking not reported	82	67	4	–	11	11	–	–	–
Garage or carport not reported	119	90	–	2	27	25	–	2	–
Owner or Manager on Property									
Rental, multiunit[2]	14 389	11 472	386	63	2 469	2 308	22	94	45
Owner or manager lives on property	4 582	3 530	66	11	975	941	–	17	16
Neither owner nor manager lives on property	7 550	6 113	229	24	1 183	1 082	21	59	22
Not reported	2 258	1 829	90	28	311	286	1	17	7
Selected Deficiencies[1]									
Holes in floors	593	520	24	10	40	26	6	6	3
Open cracks or holes (interior)	2 226	2 002	53	19	152	101	23	14	14
Broken plaster or peeling paint (interior)	1 829	1 698	35	18	78	51	12	8	7
No electrical wiring	11	7	–	–	4	–	–	4	–
Exposed wiring	743	667	13	2	62	54	2	2	3
Rooms without electric outlets	584	516	15	2	52	46	4	3	–
Description of Area Within 300 Feet[1]									
Single-family detached houses	4 822	4 025	231	21	545	511	14	20	–
Only single-family detached	–	–	–	–	–	–	–	–	–
Single-family attached or 1 to 3 story multiunit	9 916	7 834	254	45	1 783	1 710	1	47	25
4 to 6 story multiunit	3 371	2 970	49	20	331	256	4	43	28
7 stories or more multiunit	1 984	1 784	7	11	183	146	4	30	4
Mobile homes	44	23	2	–	18	18	–	–	–
Commercial, institutional, or industrial	4 852	4 051	134	28	639	534	4	68	34
Residential parking lots	3 597	2 699	31	13	854	824	–	20	10
Body of water	581	445	9	–	127	126	–	1	–
Open space, park, farm, or ranch	2 388	1 797	27	8	555	516	4	32	4
4+ lane highway, railroad, or airport	1 526	1 155	19	7	345	328	13	4	–
Other	910	722	19	7	163	143	–	15	5
Not observed or not reported	744	549	15	2	178	173	4	1	–
Age of Other Residential Buildings Within 300 Feet									
Older	825	519	13	1	293	279	7	3	4
About the same	9 729	7 946	274	44	1 465	1 426	1	27	11
Newer	314	254	26	1	32	20	–	5	7
Very mixed	2 305	1 892	51	14	349	288	10	41	10
No other residential buildings	419	272	7	–	140	110	–	17	13
Not reported	797	589	15	2	190	185	4	1	–
Mobile Homes in Group									
Mobile homes	405	130	–	–	274	85	189	–	–
1 to 6	86	22	–	–	64	12	53	–	–
7 to 20	16	2	–	–	15	–	15	–	–
21 or more	299	106	–	–	193	74	119	–	–
Not reported	3	–	–	–	3	–	3	–	–
Other Buildings Vandalized or With Interior Exposed									
None	12 077	9 630	315	50	2 082	1 949	18	80	36
1 building	348	303	13	5	27	26	–	1	–
More than 1 building	824	725	35	4	60	47	–	10	4
No buildings within 300 feet	183	104	–	–	79	79	–	–	–
Not reported	957	709	22	4	221	208	4	4	5
Bars on Windows of Buildings									
With other buildings within 300 feet	13 249	10 659	363	58	2 169	2 021	18	90	40
No bars on windows	9 505	7 337	255	28	1 884	1 809	14	50	10
1 building with bars	444	383	8	5	48	39	–	–	9
2 or more buildings with bars	3 210	2 853	99	23	234	171	4	40	20
Not reported	91	87	–	2	3	3	–	–	–
Condition of Streets									
No repairs needed	9 634	7 587	265	40	1 742	1 625	18	74	25
Minor repairs needed	3 313	2 795	97	16	406	373	–	18	15
Major repairs needed	442	389	8	4	41	34	–	1	5
No streets within 300 feet	246	151	–	–	96	96	–	–	–
Not reported	753	551	15	2	185	180	4	1	–

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Trash, Litter, or Junk on Streets or any Properties									
None	8 607	6 549	227	26	1 805	1 725	14	48	18
Minor accumulation	4 422	3 836	124	29	434	364	4	44	23
Major accumulation	605	532	19	5	49	42	–	1	5
Not reported	754	556	15	2	181	177	4	1	–

[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. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**32 280**	**26 678**	**386**	**191**	**5 025**	**4 623**	**223**	**122**	**57**
Monthly Housing Costs[1]									
Less than $100	554	495	6	2	52	40	4	–	8
$100 to $199	2 552	2 330	18	6	198	150	22	19	6
$200 to $249	1 690	1 514	30	8	137	114	15	5	4
$250 to $299	1 747	1 593	15	14	125	91	25	4	5
$300 to $349	1 852	1 671	25	11	145	129	6	11	–
$350 to $399	2 125	1 897	34	6	188	165	8	15	–
$400 to $449	2 012	1 719	40	15	238	192	39	6	–
$450 to $499	1 972	1 638	33	7	294	277	10	7	–
$500 to $599	3 502	2 894	42	16	550	526	14	11	–
$600 to $699	2 819	2 274	22	20	503	485	9	3	7
$700 to $799	2 113	1 665	32	9	407	392	12	1	2
$800 to $999	2 327	1 737	18	8	563	554	7	1	2
$1,000 to $1,249	1 469	1 032	6	15	416	415	–	2	–
$1,250 to $1,499	742	501	5	8	229	227	–	2	–
$1,500 or more	997	690	5	14	288	284	–	4	–
No cash rent	585	505	9	3	67	52	–	8	8
Mortgage payment not reported	1 381	1 092	11	15	264	246	7	7	3
Median (excludes no cash rent)	**493**	**468**	**446**	**569**	**648**	**669**	**407**	**369**	**...**
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	**551**	**495**	**488**	**691**	**901**	**930**	**397**	**...**	**...**
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	**274**	**231**	**357**	**463**	**607**	**638**	**123**	**...**	**...**
OWNER HOUSING UNITS									
Total	**15 174**	**12 739**	**65**	**118**	**2 252**	**2 120**	**115**	**13**	**4**
Average Monthly Cost Paid for Real Estate Taxes									
Less than $25	2 109	1 779	5	17	308	211	92	4	–
$25 to $49	2 815	2 498	10	17	291	270	15	6	1
$50 to $74	2 579	2 227	9	19	325	322	3	–	–
$75 to $99	1 885	1 590	12	18	264	262	2	–	–
$100 to $149	2 603	2 134	11	19	439	433	–	2	3
$150 to $199	1 381	1 114	9	14	244	240	4	1	–
$200 or more	1 802	1 396	10	14	382	382	–	–	–
Median	**76**	**73**	**95**	**84**	**94**	**100**	**25-**	**...**	**...**
Annual Taxes Paid Per $1,000 Value									
Less than $5	2 454	2 133	12	24	284	235	45	5	–
$5 to $9	4 147	3 336	16	32	762	726	30	5	1
$10 to $14	3 711	3 013	16	19	664	650	13	–	–
$15 to $19	1 839	1 580	6	19	234	229	5	–	–
$20 to $24	1 269	1 090	5	6	168	159	9	–	–
$25 or more	1 755	1 586	10	18	140	121	13	3	3
Median	**11**	**11**	**11**	**11**	**11**	**11**	**7**	**...**	**...**
Condominium and Cooperative Fee									
Fee paid by owners	865	572	–	5	289	284	–	5	–
Less than $25 per month	8	3	–	–	5	5	–	–	–
$25 to $49	27	10	–	–	17	17	–	–	–
$50 to $74	54	15	–	–	38	38	–	–	–
$75 to $99	75	37	–	–	38	38	–	–	–
$100 to $149	194	119	–	–	74	74	–	–	–
$150 to $199	147	96	–	2	48	48	–	–	–
$200 or more per month	307	255	–	–	52	47	–	4	–
Not reported	54	36	–	2	16	16	–	–	–
Median	**166**	**193**	**...**	**...**	**126**	**124**	**...**	**...**	**...**
Other Housing Costs Per Month									
Homeowner association fee paid	678	410	–	3	265	261	–	4	–
Median	**146**	**162**	**...**	**...**	**125**	**123**	**...**	**...**	**...**
Mobile home park fee paid	22	13	–	–	9	6	4	–	–
Median	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**
Land rent fee paid	33	27	–	1	5	5	–	–	–
Median	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**
Value[2]									
Less than $10,000	192	132	2	1	56	15	41	–	–
$10,000 to $19,999	417	354	2	1	60	30	30	–	–
$20,000 to $29,999	582	508	3	4	68	42	24	2	–
$30,000 to $39,999	1 003	940	6	10	47	41	2	–	3
$40,000 to $49,999	1 216	1 145	–	7	64	57	6	1	–
$50,000 to $59,999	1 304	1 180	–	10	114	109	–	6	–
$60,000 to $69,999	1 372	1 262	–	4	106	103	4	–	–
$70,000 to $79,999	1 257	1 062	9	12	173	173	–	–	–
$80,000 to $99,999	1 999	1 648	10	10	331	331	–	–	–
$100,000 to $119,999	1 187	910	3	10	264	259	4	–	1
$120,000 to $149,999	1 319	1 030	7	13	270	265	–	5	–
$150,000 to $199,999	1 395	1 068	2	9	315	312	4	–	–
$200,000 to $249,999	686	534	7	12	133	132	–	–	–
$250,000 to $299,999	425	338	5	4	78	78	–	–	–
$300,000 or more	820	627	8	11	173	173	–	–	–
Time shared units	16	12	–	–	4	4	–	–	–
Median	**82 444**	**77 994**	**98 784**	**100 600**	**108 042**	**112 243**	**15 442**	**...**	**...**

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	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	218	192	–	1	24	24	–	–	–
Medical or dental office	98	96	–	3	–	–	–	–	–
Neither	14 899	12 492	65	114	2 228	2 096	115	13	4

[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. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**48 715**	**34 145**	**416**	**115**	**14 038**	**12 019**	**1 822**	**151**	**47**
Occupancy Status									
Vacant and URE	4 453	2 760	52	13	1 628	1 136	457	36	–
Occupied	44 262	31 385	365	102	12 410	10 883	1 365	115	47
Tenure									
Owner occupied	32 138	22 881	114	64	9 080	8 060	980	33	6
Percent of all occupied	72.6	72.9	31.2	62.7	73.2	74.1	71.8	28.9	13.8
Renter occupied	12 124	8 504	251	38	3 330	2 823	385	82	40
Units in Structure									
1, detached	31 994	24 880	–	77	7 037	6 822	84	101	30
1, attached	2 840	1 571	–	2	1 266	1 247	–	15	4
2 to 4	3 640	2 583	406	17	635	605	4	19	8
5 to 9	1 978	1 313	9	7	649	638	–	10	1
10 to 19	2 150	1 282	1	5	862	856	–	2	4
20 to 49	1 340	897	1	–	442	442	–	–	–
50 or more	1 220	845	–	6	369	365	–	4	–
Mobile home or trailer	3 553	774	–	1	2 778	1 044	1 734	–	–
Cooperatives and Condominiums									
Cooperatives	260	194	–	–	67	28	38	–	–
Condominiums	2 878	1 537	–	7	1 334	1 324	10	–	–
Year Structure Built[1]									
1990 to 1994	2 991	–	–	–	2 991	2 986	4	–	–
1985 to 1989	5 305	–	–	–	5 305	5 294	11	–	–
1980 to 1984	4 018	220	–	–	3 798	3 738	56	–	4
1975 to 1979	5 944	5 249	21	9	665	–	609	46	10
1970 to 1974	5 755	5 138	18	8	592	–	565	7	19
1960 to 1969	8 411	7 870	38	8	495	–	464	22	9
1950 to 1959	6 769	6 562	109	14	84	–	63	17	4
1940 to 1949	3 227	3 131	50	18	28	–	20	9	–
1930 to 1939	2 133	1 893	153	51	35	–	23	12	–
1920 to 1929	1 524	1 495	14	–	15	–	2	13	–
1919 or earlier	2 638	2 586	14	7	31	–	5	24	1
Median	**1968**	**1962**	**1945**	**1940**	**1985**	**1986**	**1973**	**1960**	**...**
Suitability for Year-Round Use[2]									
Built and heated for year-round use	48 569	34 023	412	115	14 018	12 004	1 818	149	47
Not suitable	127	110	2	–	15	9	4	2	–
Not reported	19	11	2	–	5	5	–	–	–
Time Sharing									
URE owner, sold, not yet occupied, and vacant for sale units	968	597	–	5	366	311	45	10	–
Ownership time-shared	5	2	–	–	3	3	–	–	–
Not time-shared	964	595	–	5	363	309	45	10	–
Not reported	–	–	–	–	–	–	–	–	–
Duration of Vacancy									
Vacant units	4 041	2 498	47	11	1 485	1 019	431	36	–
Less than 1 month vacant	924	627	11	5	281	235	44	3	–
1 month up to 2 months	268	179	–	–	89	70	18	1	–
2 months up to 6 months	974	580	13	5	376	240	128	8	–
6 months up to 1 year	424	256	2	–	166	98	68	–	–
1 year up to 2 years	280	184	4	–	91	46	42	3	–
2 years or more	512	345	15	–	152	43	93	16	–
Never occupied	230	65	–	–	165	165	–	–	–
Don't know	429	261	2	1	165	122	37	6	–
Last Used as a Permanent Residence									
Vacant seasonal and URE units	1 165	701	16	3	446	292	153	2	–
Less than 1 month since occupied as permanent home	31	23	–	–	8	8	–	–	–
1 month up to 2 months	4	4	–	–	–	–	–	–	–
2 months up to 6 months	48	15	5	–	28	14	15	–	–
6 months up to 1 year	24	9	2	–	13	4	8	–	–
1 year up to 2 years	41	24	–	–	17	9	8	–	–
2 years or more	219	151	4	–	64	24	40	–	–
Never occupied as permanent home	569	340	–	–	228	157	69	2	–
Don't know	194	114	–	3	77	66	12	–	–
Not reported	35	20	4	–	10	10	–	–	–
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	48 715	34 145	416	115	14 038	12 019	1 822	151	47
In central cities	...	...	...	...	...	...	...	...	...
Suburbs	48 715	34 145	416	115	14 038	12 019	1 822	151	47
Outside metropolitan statistical areas	...	...	...	...	...	...	...	...	...
Regions									
Northeast	11 372	9 231	167	61	1 913	1 711	165	31	5
Midwest	10 342	8 054	103	23	2 161	1 974	170	16	2
South	16 534	9 665	62	13	6 794	5 539	1 157	86	11
West	10 467	7 195	84	17	3 170	2 795	330	18	28

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	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	31 279	24 026	250	69	6 934	6 388	480	30	35
In central cities of (P)MSA's	...	...	...	...	...	...	...	...	...
Urban fringe	31 279	24 026	250	69	6 934	6 388	480	30	35
Outside urbanized areas	17 436	10 119	166	47	7 104	5 631	1 342	120	12
Other urban	4 018	2 709	55	22	1 232	1 099	121	12	–
Rural	13 418	7 410	111	25	5 872	4 532	1 221	108	12
Place Size[3]									
Less than 2,500 persons	2 025	1 612	43	9	361	221	110	26	4
2,500 to 9,999 persons	6 604	5 311	92	21	1 180	1 001	169	10	–
10,000 to 19,999 persons	6 245	5 128	55	24	1 038	899	128	3	8
20,000 to 49,999 persons	8 410	6 893	74	25	1 417	1 351	51	15	–
50,000 to 99,999 persons	4 339	3 637	24	7	671	599	45	3	24
100,000 to 249,999 persons	1 236	1 016	5	3	212	202	9	1	–
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. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**48 715**	**34 145**	**416**	**115**	**14 038**	**12 019**	**1 822**	**151**	**47**
Stories in Structure									
1	1 066	693	81	3	289	275	4	6	4
2	4 201	2 588	123	9	1 481	1 467	–	9	5
3	3 267	2 257	179	6	824	807	–	14	4
4 to 6	1 188	930	19	14	225	219	–	6	–
7 or more	590	450	–	2	137	137	–	–	–
Not reported	16	2	14	–	–	–	–	–	–
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	9 246	6 225	321	32	2 668	2 631	–	28	9
None (on same floor)	3 688	2 360	144	14	1 170	1 156	–	13	1
1 (up or down)	2 909	2 058	116	7	727	717	–	6	4
2 or more (up or down)	2 151	1 532	14	9	595	587	–	9	–
Not reported	498	274	47	1	176	171	–	1	4
Common Stairways									
Multiunits, 2 or more floors	9 246	6 225	321	32	2 668	2 631	–	28	9
No common stairways	1 988	1 289	172	5	522	516	–	4	1
With common stairways	6 790	4 675	103	26	1 987	1 960	–	23	4
No loose steps	6 370	4 367	88	24	1 890	1 863	–	23	4
Railings not loose	5 803	3 988	56	24	1 735	1 713	–	18	4
Railings loose	224	151	7	–	67	64	–	3	–
No railings	274	192	22	–	60	58	–	2	–
Status of railings not reported	69	36	4	–	28	28	–	–	–
Loose steps	393	288	12	1	91	91	–	–	–
Railings not loose	312	223	4	1	84	84	–	–	–
Railings loose	57	44	5	1	7	7	–	–	–
No railings	15	11	3	–	–	–	–	–	–
Status of railings not reported	9	9	–	–	–	–	–	–	–
Status of steps not reported	27	20	2	–	5	5	–	–	–
Status of stairways not reported	468	260	47	1	160	155	–	1	4
Light Fixtures in Public Halls									
2 or more units in structure	10 311	6 917	402	35	2 957	2 906	4	34	13
No public halls	4 351	2 761	299	13	1 279	1 253	4	17	5
No light fixtures in public halls	18	9	4	–	5	5	–	–	–
All in working order	3 670	2 569	35	12	1 053	1 043	–	11	–
Some in working order	174	147	1	1	25	20	–	1	4
None in working order	5	5	–	–	–	–	–	–	–
Unable to determine if working	1 532	1 107	17	8	400	395	–	5	–
Not reported	562	319	47	1	195	191	–	1	4
Elevator on Floor									
Multiunits, 2 or more floors	9 246	6 225	321	32	2 668	2 631	–	28	9
With 1 or more elevators working	1 392	969	3	6	415	415	–	–	–
With elevator, none in working condition	37	29	–	–	7	7	–	–	–
No elevator	7 354	4 976	276	24	2 077	2 044	–	28	5
Units 3 or more floors from main entrance	228	158	1	–	69	67	–	2	–
Not reported	463	250	42	1	170	165	–	1	4
Foundation									
1 unit bldg. excl. mobile homes	34 834	26 451	–	79	8 303	8 069	84	116	34
With basement under all of building	12 445	9 982	–	37	2 426	2 388	22	12	4
With basement under part of building	4 250	3 561	–	21	668	658	–	7	2
With crawl space	7 319	5 917	–	12	1 390	1 313	43	35	–
On concrete slab	10 154	6 467	–	8	3 679	3 601	19	55	4
Other	635	524	–	1	109	102	–	8	–
Not reported	31	–	–	–	31	7	–	–	24
External Building Conditions[1]									
Sagging roof	32	20	11	1	–	–	–	–	–
Missing roofing material	63	53	4	–	5	2	4	–	–
Hole in roof	19	13	–	–	6	2	4	–	–
Could not see roof	883	735	19	5	123	122	–	2	–
Missing bricks, siding, other outside wall material	126	100	14	1	11	11	–	–	–
Sloping outside walls	16	11	5	–	–	–	–	–	–
Boarded up windows	42	38	–	1	4	4	–	–	–
Broken windows	65	50	6	1	8	4	4	1	–
Bars on windows	42	32	2	–	8	5	–	3	–
Foundation crumbling or has open crack or hole	86	74	5	1	6	2	4	–	–
Could not see foundation	285	203	15	1	66	62	–	–	4
None of the above	8 447	5 573	289	28	2 557	2 526	–	28	4
Could not observe or not reported	738	427	67	1	242	237	–	1	5
Site Placement									
Mobile homes	3 553	774	–	1	2 778	1 044	1 734	–	–
First site	1 761	458	–	1	1 302	728	574	–	–
Moved from another site	922	123	–	–	799	197	602	–	–
Don't know	777	175	–	–	602	85	517	–	–
Not reported	93	18	–	–	75	34	41	–	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**48 715**	**34 145**	**416**	**115**	**14 038**	**12 019**	**1 822**	**151**	**47**
Rooms									
1 room	198	125	14	3	56	19	4	9	24
2 rooms	325	217	29	–	79	59	14	6	–
3 rooms	3 214	2 259	99	5	851	680	119	45	7
4 rooms	8 540	5 314	106	20	3 099	2 194	866	35	4
5 rooms	10 460	7 198	60	20	3 183	2 593	570	19	1
6 rooms	10 138	7 680	61	15	2 382	2 229	128	19	6
7 rooms	7 288	5 418	35	18	1 817	1 729	87	2	–
8 rooms	4 707	3 313	6	17	1 372	1 335	26	7	4
9 rooms	2 354	1 624	5	11	714	704	8	2	–
10 rooms or more	1 490	997	2	7	484	477	–	7	–
Median	**5.7**	**5.8**	**4.1**	**6.1**	**5.4**	**5.7**	**4.4**	**3.9**	**...**
Bedrooms									
None	362	242	26	3	91	49	4	13	24
1	4 697	3 248	140	10	1 299	1 039	200	52	7
2	14 560	9 594	154	33	4 778	3 614	1 109	48	8
3	20 271	14 678	78	42	5 474	4 961	483	22	8
4 or more	8 824	6 382	18	27	2 396	2 355	26	15	–
Median	**2.7**	**2.8**	**1.8**	**2.8**	**2.7**	**2.8**	**2.1**	**1.7**	**...**
Complete Bathrooms									
None	186	138	8	1	39	12	18	9	–
1	18 517	14 528	332	37	3 619	2 363	1 119	101	37
1 and one-half	8 043	6 601	34	10	1 397	1 174	217	6	–
2 or more	21 969	12 877	42	67	8 983	8 470	469	34	10
Square Footage of Unit									
Single detached and mobile homes	35 547	25 654	–	78	9 815	7 866	1 818	101	30
Less than 500	451	225	–	–	225	68	157	–	–
500 to 749	1 380	834	–	–	545	68	474	3	–
750 to 999	2 805	1 757	–	1	1 048	484	544	19	–
1,000 to 1,499	7 637	5 714	–	10	1 912	1 558	321	31	2
1,500 to 1,999	7 292	5 597	–	12	1 683	1 637	47	–	–
2,000 to 2,499	5 553	4 222	–	6	1 325	1 299	23	–	4
2,500 to 2,999	3 155	2 318	–	5	832	819	5	7	–
3,000 to 3,999	2 946	2 187	–	6	754	750	–	3	–
4,000 or more	1 640	1 151	–	2	487	471	14	2	–
Not reported (includes don't know)	2 688	1 649	–	36	1 003	712	233	35	24
Median	**1 785**	**1 810**	**...**	**1 920**	**1 701**	**1 927**	**824**	**1 174**	**...**
Lot Size									
Less than one-eighth acre	3 288	2 426	–	8	853	609	244	–	–
One-eighth up to one-quarter acre	6 609	5 133	–	20	1 456	1 338	113	5	–
One-quarter up to one-half acre	6 055	4 622	–	4	1 428	1 368	60	–	–
One-half up to one acre	4 292	3 138	–	6	1 148	1 051	78	19	–
1 to 4 acres	5 475	3 704	–	13	1 758	1 468	270	17	2
5 to 9 acres	840	489	–	3	348	262	74	8	4
10 acres or more	1 212	872	–	3	337	246	77	11	4
Don't know	5 797	3 735	–	20	2 043	1 570	435	37	–
Not reported	3 263	2 231	–	4	1 027	884	112	7	24
Median	**.41**	**.39**	**...**	**.28**	**.49**	**.47**	**.76**	**2.34**	**...**

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**48 715**	**34 145**	**416**	**115**	**14 038**	**12 019**	**1 822**	**151**	**47**
Equipment[1]									
Lacking complete kitchen facilities	1 186	806	35	2	342	234	64	20	24
With complete kitchen (sink, refrigerator and burners)	47 529	33 338	381	113	13 696	11 785	1 758	130	23
Kitchen Sink	48 464	33 982	402	114	13 965	11 976	1 816	151	23
Refrigerator	47 794	33 548	389	113	13 744	11 825	1 763	133	23
Less than 5 years old	17 213	11 006	117	40	6 050	5 629	383	33	6
Age not reported	960	587	19	2	352	278	68	5	–
Burners and oven	48 157	33 738	396	113	13 909	11 953	1 791	143	23
Less than 5 years old	14 123	8 320	107	41	5 654	5 293	316	41	5
Age not reported	1 003	592	10	2	400	324	70	5	–
Burners only	52	33	–	–	19	7	7	–	5
Less than 5 years old	12	5	–	–	7	7	–	–	–
Age not reported	17	8	–	–	9	–	4	–	5
Oven only	33	22	–	–	11	11	–	–	–
Less than 5 years old	19	8	–	–	11	11	–	–	–
Age not reported	2	2	–	–	–	–	–	–	–
Neither burners nor oven	473	351	20	2	99	49	24	8	19
Dishwasher	29 597	18 890	123	51	10 533	10 116	366	33	18
Less than 5 years old	10 996	6 028	48	14	4 906	4 806	82	13	5
Age not reported	690	410	5	–	275	262	13	–	–
Washing machine	38 433	26 625	202	85	11 521	10 257	1 184	65	15
Less than 5 years old	14 105	8 843	81	34	5 147	4 776	344	25	2
Age not reported	485	289	–	2	194	156	38	–	–
Clothes dryer	36 399	25 008	189	75	11 128	10 057	993	63	15
Less than 5 years old	12 114	7 246	68	24	4 777	4 497	256	22	2
Age not reported	444	251	2	2	189	164	25	–	–
Disposal in kitchen sink	23 696	14 907	75	33	8 682	8 447	203	18	15
Less than 5 years old	9 421	4 917	32	13	4 459	4 390	65	3	2
Age not reported	813	512	–	–	301	298	2	1	–
Air conditioning:									
Central	24 908	14 716	53	22	10 117	9 369	679	38	30
1 room unit	7 072	5 776	120	24	1 152	650	456	43	4
2 room units	3 247	2 796	26	9	415	214	174	20	8
3 room units or more	1 256	1 166	17	9	64	48	15	–	–
Main Heating Equipment									
Warm-air furnace	27 553	18 982	156	41	8 374	7 210	1 100	34	30
Steam or hot water system	6 238	5 530	136	49	523	489	4	22	8
Electric heat pump	5 283	2 347	16	5	2 915	2 809	96	10	–
Built-in electric units	3 240	2 321	31	6	882	762	106	9	5
Floor, wall, or other built-in hot air units without ducts	2 110	1 858	31	4	217	110	95	10	2
Room heaters with flue	649	546	9	1	93	33	50	10	–
Room heaters without flue	522	382	2	1	137	40	93	4	–
Portable electric heaters	409	286	9	1	113	31	72	10	–
Stoves	961	662	10	1	288	164	108	17	–
Fireplaces with inserts	255	183	2	–	69	69	–	–	–
Fireplaces without inserts	179	141	2	–	35	35	–	–	–
Other	648	470	5	3	170	140	25	4	1
None	667	437	7	3	221	127	72	21	–
Other Heating Equipment									
With other heating equipment[1]	13 758	9 435	83	41	4 199	3 730	437	28	4
Warm-air furnace	575	344	–	1	231	162	64	5	–
Steam or hot water system	104	92	–	–	12	10	2	–	–
Electric heat pump	127	87	1	–	39	39	–	–	–
Built-in electric units	972	802	19	3	148	132	16	–	–
Floor, wall, or other built-in hot-air units without ducts	214	184	3	2	25	19	6	–	–
Room heaters with flue	352	267	5	–	81	44	37	–	–
Room heaters without flue	671	516	12	–	144	93	51	–	–
Portable electric heaters	2 511	1 964	18	10	518	355	151	12	–
Stoves	1 562	1 225	4	6	327	246	78	3	–
Fireplaces with inserts	2 323	1 506	7	4	806	789	13	–	4
Fireplaces with no inserts	5 386	3 332	29	11	2 014	1 984	23	7	–
Other	456	312	2	5	136	108	24	4	–
Plumbing									
With all plumbing facilities	47 998	33 632	402	114	13 850	11 887	1 770	146	47
Lacking some plumbing facilities[1]	53	44	1	–	8	4	3	1	–
No hot piped water	31	26	–	–	5	2	3	–	–
No bathtub nor shower	32	28	1	–	3	2	–	1	–
No flush toilet	18	13	–	–	5	2	3	–	–
No plumbing facilities for exclusive use	663	468	13	1	181	127	50	4	–
Source of Water									
Public system or private company	41 585	29 359	346	108	11 772	10 341	1 297	93	42
Well serving 1 to 5 units	6 222	4 172	54	8	1 987	1 467	466	50	4
Drilled	5 340	3 512	54	7	1 766	1 313	408	45	–
Dug	531	392	–	1	138	95	39	–	4
Not reported	351	268	–	–	83	59	19	5	–
Other	908	613	16	–	279	211	59	7	1

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	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	36 655	26 241	286	94	10 034	9 156	760	77	40
Septic tank, cesspool, chemical toilet	12 001	7 858	131	21	3 991	2 859	1 052	74	6
Other	59	45	–	–	13	4	9	–	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**48 715**	**34 145**	**416**	**115**	**14 038**	**12 019**	**1 822**	**151**	**47**
Main House Heating Fuel									
Housing units with heating fuel	48 047	33 708	409	113	13 818	11 892	1 750	129	47
Electricity	14 198	7 681	73	14	6 430	5 683	692	43	13
Piped gas	24 202	18 574	217	54	5 357	4 899	389	42	28
Bottled gas	1 477	800	4	2	672	393	272	7	–
Fuel oil	5 783	5 079	98	37	569	443	104	18	4
Kerosene or other liquid fuel	528	266	–	–	262	113	145	3	2
Coal or coke	117	90	–	–	26	22	4	–	–
Wood	1 479	1 043	15	1	419	284	118	17	–
Solar energy	13	8	2	–	2	2	–	–	–
Other	250	167	–	5	78	52	26	–	–
Other House Heating Fuels									
With other heating fuels[1]	8 170	5 861	61	30	2 219	1 903	288	19	9
Electricity	2 568	1 946	31	14	576	434	124	13	5
Piped gas	414	302	7	2	102	93	10	–	–
Bottled gas	158	111	–	–	47	29	18	–	–
Fuel oil	225	195	–	–	30	25	4	–	–
Kerosene or other liquid fuel	557	380	9	–	168	96	71	–	–
Coal or coke	83	63	–	1	19	15	4	–	–
Wood	4 321	2 999	21	13	1 288	1 222	57	5	4
Solar energy	61	44	3	–	14	14	–	–	–
Other	192	121	2	1	68	54	14	–	–
Not reported	272	192	–	–	79	71	8	–	–
Cooking Fuel									
With cooking fuel	48 239	33 793	396	113	13 936	11 970	1 796	143	28
Electricity	29 924	19 890	233	54	9 746	8 725	903	93	24
Gas	18 015	13 722	163	57	4 073	3 178	841	50	4
Kerosene or other liquid fuel	163	106	–	–	57	37	20	–	–
Coal or coke	3	3	–	–	–	–	–	–	–
Wood	10	8	–	–	2	2	–	–	–
Other	124	64	–	2	59	28	31	–	–
Water Heating Fuel									
With hot piped water	48 604	34 068	409	114	14 013	12 015	1 804	147	47
Electricity	18 649	10 980	127	24	7 518	6 185	1 257	67	9
Gas	26 435	20 133	228	62	6 012	5 424	497	64	27
Fuel oil	2 956	2 598	52	23	283	261	6	13	4
Kerosene or other liquid fuel	168	84	–	2	82	57	21	3	2
Coal or coke	12	7	–	–	5	5	–	–	–
Wood	5	2	–	–	2	2	–	–	–
Solar energy	165	125	–	1	39	34	–	–	5
Other	214	138	2	2	71	47	24	–	–
Central Air Conditioning Fuel									
With central air conditioning	24 908	14 716	53	22	10 117	9 369	679	38	30
Electricity	23 201	13 452	51	19	9 679	8 945	667	38	30
Gas	1 615	1 192	2	3	418	404	13	1	–
Other	92	73	–	–	20	20	–	–	–
Clother Dryer Fuel									
With clothes dryer	36 399	25 008	189	75	11 128	10 057	993	63	15
Electricity	26 629	17 379	139	49	9 062	8 076	918	53	15
Gas	9 704	7 578	50	26	2 051	1 967	75	10	–
Other	66	51	–	–	15	15	–	–	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**48 715**	**34 145**	**416**	**115**	**14 038**	**12 019**	**1 822**	**151**	**47**
Selected Amenities[1]									
Porch, deck, balcony, or patio	39 361	27 201	268	84	11 809	10 419	1 272	106	12
Not reported	86	75	–	–	11	4	7	–	–
Usable fireplace	18 409	12 244	61	36	6 068	5 933	103	28	4
Separate dining room	23 928	16 974	116	63	6 776	6 387	351	29	9
With 2 or more living rooms or recreation rooms, etc.	17 991	12 985	70	48	4 889	4 608	238	37	6
Garage or carport included with home	30 559	21 930	156	57	8 416	7 938	420	48	10
Garage or carport not included	16 684	11 358	241	54	5 031	3 735	1 168	92	37
Offstreet parking included	14 371	9 494	193	46	4 637	3 447	1 079	80	32
Offstreet parking not reported	81	42	2	–	38	38	–	–	–
Garage or carport not reported	135	70	2	1	62	55	7	–	–
Owner or Manager on Property									
Rental, multiunit[2]	10 328	6 920	416	35	2 957	2 906	4	34	13
Owner or manager lives on property	3 497	2 326	104	9	1 057	1 038	–	13	6
Neither owner nor manager lives on property	4 564	3 161	144	14	1 245	1 219	–	19	6
Not reported	2 267	1 433	168	12	654	648	4	2	–
Selected Deficiencies[1]									
Holes in floors	487	348	2	1	136	51	77	7	–
Open cracks or holes (interior)	1 757	1 409	25	3	321	199	100	22	–
Broken plaster or peeling paint (interior)	1 374	1 170	33	7	165	118	32	15	–
No electrical wiring	15	7	–	–	8	8	–	–	–
Exposed wiring	729	574	14	2	139	91	40	8	–
Rooms without electric outlets	771	612	6	2	151	89	46	11	4
Description of Area Within 300 Feet[1]									
Single-family detached houses	3 553	2 642	287	20	604	577	4	21	2
Only single-family detached	–	–	–	–	–	–	–	–	–
Single-family attached or 1 to 3 story multiunit	7 363	5 001	131	20	2 211	2 184	–	23	4
4 to 6 story multiunit	1 141	890	2	6	243	243	–	–	–
7 stories or more multiunit	407	329	4	2	71	71	–	–	–
Mobile homes	95	63	9	–	23	19	4	–	–
Commercial, institutional, or industrial	2 443	1 879	77	16	471	452	–	17	2
Residential parking lots	3 577	2 386	40	11	1 139	1 125	–	11	4
Body of water	667	393	14	4	256	253	–	3	–
Open space, park, farm, or ranch	2 087	1 217	100	14	756	738	4	11	4
4+ lane highway, railroad, or airport	1 129	802	29	4	294	289	–	4	–
Other	418	298	14	2	104	99	4	1	–
Not observed or not reported	574	328	51	1	194	188	–	1	5
Age of Other Residential Buildings Within 300 Feet									
Older	539	335	5	1	198	194	4	–	–
About the same	7 567	5 135	249	25	2 157	2 130	–	22	5
Newer	241	190	22	2	28	28	–	–	–
Very mixed	990	703	48	6	233	222	–	11	–
No other residential buildings	418	253	29	1	135	131	–	–	4
Not reported	557	302	49	1	206	201	–	1	4
Mobile Homes in Group									
Mobile homes	3 553	774	–	1	2 778	1 044	1 734	–	–
1 to 6	1 787	273	–	1	1 513	552	961	–	–
7 to 20	247	35	–	–	212	78	134	–	–
21 or more	1 519	465	–	–	1 054	414	639	–	–
Not reported	–	–	–	–	–	–	–	–	–
Other Buildings Vandalized or With Interior Exposed									
None	9 188	6 248	310	34	2 596	2 559	–	32	5
1 building	76	56	7	–	14	10	4	–	–
More than 1 building	96	73	9	–	15	14	–	1	–
No buildings within 300 feet	245	135	23	–	88	84	–	–	4
Not reported	705	406	54	1	244	240	–	1	4
Bars on Windows of Buildings									
With other buildings within 300 feet	9 360	6 377	326	34	2 625	2 582	4	33	5
No bars on windows	8 856	5 962	310	32	2 552	2 513	4	33	1
1 building with bars	118	97	2	–	19	19	–	–	–
2 or more buildings with bars	352	290	11	2	49	45	–	–	4
Not reported	34	27	2	–	5	5	–	–	–
Condition of Streets									
No repairs needed	7 910	5 252	271	27	2 360	2 330	–	24	6
Minor repairs needed	1 498	1 148	64	7	278	265	4	9	–
Major repairs needed	147	105	13	–	28	28	–	1	–
No streets within 300 feet	227	122	6	–	100	98	–	–	3
Not reported	530	290	49	1	190	185	–	1	4

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	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	8 140	5 355	269	28	2 489	2 458	–	23	8
Minor accumulation	1 520	1 175	76	6	263	247	4	10	1
Major accumulation	122	96	8	–	18	18	–	–	–
Not reported	529	292	49	1	187	183	–	1	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. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**48 715**	**34 145**	**416**	**115**	**14 038**	**12 019**	**1 822**	**151**	**47**
Monthly Housing Costs[1]									
Less than $100	470	298	8	–	165	61	103	–	–
$100 to $199	3 121	2 363	15	–	742	436	284	23	–
$200 to $249	2 292	1 826	15	4	447	276	153	16	1
$250 to $299	2 290	1 811	23	5	451	316	134	1	–
$300 to $349	2 212	1 751	23	3	436	289	125	21	–
$350 to $399	2 075	1 619	19	9	429	295	126	5	4
$400 to $449	2 044	1 546	22	9	467	353	107	7	–
$450 to $499	2 190	1 600	25	3	562	447	101	13	–
$500 to $599	4 319	3 182	37	6	1 094	1 019	70	2	2
$600 to $699	3 953	2 865	50	10	1 028	945	50	12	20
$700 to $799	3 178	2 259	26	17	877	858	8	3	7
$800 to $999	4 693	3 110	30	12	1 540	1 503	33	5	–
$1,000 to $1,249	3 401	2 150	16	9	1 226	1 207	14	6	–
$1,250 to $1,499	2 090	1 278	14	6	792	782	6	3	–
$1,500 or more	3 034	1 682	17	4	1 331	1 312	15	–	4
No cash rent	846	641	27	1	177	118	43	8	8
Mortgage payment not reported	3 130	2 151	12	6	961	926	34	–	–
Median (excludes no cash rent)	**592**	**558**	**553**	**695**	**697**	**771**	**296**	**344**	**...**
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	**648**	**586**	**670**	**861**	**837**	**916**	**279**	**...**	**...**
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	**364**	**306**	**371**	**490**	**536**	**616**	**100-**	**...**	**...**
OWNER HOUSING UNITS									
Total	**33 106**	**23 478**	**114**	**69**	**9 446**	**8 371**	**1 024**	**43**	**6**
Average Monthly Cost Paid for Real Estate Taxes									
Less than $25	4 294	2 446	5	1	1 842	1 082	743	17	–
$25 to $49	4 100	3 079	18	5	998	855	133	9	–
$50 to $74	4 087	3 126	14	4	943	896	47	–	–
$75 to $99	3 253	2 364	10	10	869	835	34	–	–
$100 to $149	5 940	4 329	14	11	1 586	1 559	25	–	2
$150 to $199	3 909	2 912	12	11	975	956	15	–	4
$200 or more	7 523	5 223	41	26	2 233	2 189	27	16	–
Median	**107**	**108**	**137**	**161**	**102**	**117**	**25-**	**...**	**...**
Annual Taxes Paid Per $1,000 Value									
Less than $5	4 597	3 173	14	5	1 404	1 039	348	17	–
$5 to $9	8 009	5 592	23	15	2 379	2 159	206	14	–
$10 to $14	8 678	5 935	14	10	2 719	2 605	107	–	6
$15 to $19	4 416	3 273	7	14	1 121	1 043	76	2	–
$20 to $24	3 097	2 302	15	6	774	698	73	3	–
$25 or more	4 310	3 203	40	19	1 048	827	214	7	–
Median	**12**	**13**	**19**	**17**	**12**	**12**	**9**	**...**	**...**
Condominium and Cooperative Fee									
Fee paid by owners	1 713	905	–	3	805	805	–	–	–
Less than $25 per month	33	23	–	–	10	10	–	–	–
$25 to $49	49	17	–	–	32	32	–	–	–
$50 to $74	146	54	–	–	93	93	–	–	–
$75 to $99	217	91	–	–	126	126	–	–	–
$100 to $149	520	255	–	1	264	264	–	–	–
$150 to $199	344	208	–	–	136	136	–	–	–
$200 or more per month	332	221	–	2	108	108	–	–	–
Not reported	72	35	–	–	36	36	–	–	–
Median	**136**	**149**	**...**	**...**	**123**	**123**	**...**	**...**	**...**
Other Housing Costs Per Month									
Homeowner association fee paid	1 560	798	–	3	759	759	–	–	–
Median	**135**	**147**	**...**	**...**	**123**	**123**	**...**	**...**	**...**
Mobile home park fee paid	147	60	–	–	87	39	47	–	–
Median	**45**	**63**	**...**	**...**	**36**	**...**	**...**	**...**	**...**
Land rent fee paid	55	30	–	–	25	7	18	–	–
Median	**82**	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**
Value[2]									
Less than $10,000	946	306	–	1	639	200	439	–	–
$10,000 to $19,999	914	373	–	–	541	346	194	–	–
$20,000 to $29,999	852	504	9	–	339	185	152	3	–
$30,000 to $39,999	926	697	2	2	224	162	62	–	–
$40,000 to $49,999	1 479	1 203	14	2	260	190	52	18	–
$50,000 to $59,999	1 562	1 281	10	8	263	225	36	2	–
$60,000 to $69,999	2 178	1 795	9	3	371	351	20	–	–
$70,000 to $79,999	2 318	1 835	12	4	468	450	19	–	–
$80,000 to $99,999	4 541	3 391	10	6	1 134	1 114	15	5	–
$100,000 to $119,999	3 295	2 359	8	3	925	922	3	–	–
$120,000 to $149,999	3 973	2 766	10	17	1 180	1 172	3	3	2
$150,000 to $199,999	4 408	3 153	7	12	1 236	1 218	11	2	4
$200,000 to $249,999	2 176	1 509	12	7	648	644	4	–	–
$250,000 to $299,999	1 259	820	–	2	438	434	3	–	–
$300,000 or more	2 275	1 483	12	4	776	755	11	11	–
Time shared units	36	15	–	–	21	21	–	–	–
Median	**105 068**	**102 984**	**81 542**	**131 655**	**110 419**	**121 007**	**13 772**	**...**	**...**

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	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	396	303	5	1	87	68	15	–	4
Medical or dental office	59	43	–	–	16	16	–	–	–
Neither	32 670	23 146	109	68	9 347	8 291	1 010	43	2

[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. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	**25 616**	**18 345**	**198**	**65**	**7 009**	**4 667**	**2 037**	**258**	**46**
Occupancy Status									
Vacant and URE	4 348	2 891	44	8	1 406	786	553	65	2
Occupied	21 268	15 454	154	57	5 603	3 881	1 485	193	44
Tenure									
Owner occupied	15 820	11 555	30	48	4 188	3 051	1 034	99	4
Percent of all occupied	74.4	74.8	19.1	83.4	74.8	78.6	69.6	51.6	9.9
Renter occupied	5 448	3 899	125	9	1 415	830	451	93	40
Units in Structure									
1, detached	18 131	15 498	–	48	2 585	2 348	69	162	5
1, attached	566	368	–	1	197	177	5	15	–
2 to 4	1 573	1 048	180	13	333	263	1	61	8
5 to 9	599	382	18	–	199	190	–	8	–
10 to 19	382	250	–	3	129	126	–	3	–
20 to 49	291	168	–	–	123	88	–	2	33
50 or more	189	119	–	–	71	64	–	6	–
Mobile home or trailer	3 885	512	–	–	3 373	1 411	1 962	–	–
Cooperatives and Condominiums									
Cooperatives	56	26	–	1	29	13	16	–	–
Condominiums	448	254	2	–	191	189	–	2	–
Year Structure Built[1]									
1990 to 1994	1 306	–	–	–	1 306	1 306	–	–	–
1985 to 1989	1 562	–	–	–	1 562	1 555	7	–	–
1980 to 1984	1 939	69	–	–	1 870	1 807	59	–	4
1975 to 1979	3 229	2 480	8	3	739	–	675	64	–
1970 to 1974	2 999	2 319	4	–	675	–	666	6	3
1960 to 1969	3 420	2 902	23	11	484	–	443	21	21
1950 to 1959	2 789	2 618	9	6	156	–	139	17	–
1940 to 1949	1 948	1 847	11	13	77	–	33	44	–
1930 to 1939	1 867	1 666	132	28	41	–	11	14	16
1920 to 1929	1 247	1 218	–	–	30	–	4	26	–
1919 or earlier	3 309	3 225	12	3	69	–	1	67	2
Median	**1963**	**1955**	**1937**	**1941**	**1982**	**1985**	**1973**	**1945**	**...**
Suitability for Year-Round Use[2]									
Built and heated for year-round use	25 091	17 933	198	62	6 898	4 624	1 970	258	46
Not suitable	508	397	–	3	108	41	67	–	–
Not reported	17	14	–	–	2	2	–	–	–
Time Sharing									
URE owner, sold, not yet occupied, and vacant for sale units	695	502	–	1	192	145	38	9	–
Ownership time-shared	–	–	–	–	–	–	–	–	–
Not time-shared	695	502	–	1	192	145	38	9	–
Not reported	–	–	–	–	–	–	–	–	–
Duration of Vacancy									
Vacant units	3 856	2 587	44	7	1 218	659	503	53	2
Less than 1 month vacant	1 271	786	21	5	459	292	147	20	–
1 month up to 2 months	167	111	6	–	50	33	17	–	–
2 months up to 6 months	435	333	2	1	99	59	38	2	–
6 months up to 1 year	289	203	3	–	83	53	22	9	–
1 year up to 2 years	226	165	2	1	58	20	33	5	–
2 years or more	828	617	8	1	201	41	152	8	–
Never occupied	243	130	–	–	113	91	22	–	–
Don't know	398	242	2	–	155	72	72	9	2
Last Used as a Permanent Residence									
Vacant seasonal and URE units	1 682	1 051	4	4	624	353	257	13	–
Less than 1 month since occupied as permanent home	31	15	2	–	13	5	8	–	–
1 month up to 2 months	8	7	–	–	2	–	2	–	–
2 months up to 6 months	12	11	–	–	2	–	2	–	–
6 months up to 1 year	12	7	–	–	4	4	–	–	–
1 year up to 2 years	41	24	–	–	17	4	13	–	–
2 years or more	271	205	–	–	67	27	38	1	–
Never occupied as permanent home	1 093	674	2	3	415	258	151	6	–
Don't know	181	89	–	–	91	50	41	–	–
Not reported	33	20	–	–	14	5	2	6	–
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	...	...	...	...	...	...	...	...	...
In central cities	...	...	...	...	...	...	...	...	...
Suburbs	...	...	...	...	...	...	...	...	...
Outside metropolitan statistical areas	25 616	18 345	198	65	7 009	4 667	2 037	258	46
Regions									
Northeast	3 121	2 297	53	11	760	530	141	70	19
Midwest	7 908	6 401	83	24	1 401	1 046	285	50	20
South	10 779	7 098	49	16	3 616	2 276	1 229	104	8
West	3 808	2 548	14	13	1 232	816	383	34	–

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	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	673	512	12	7	142	110	21	12	–
Outside urbanized areas	24 944	17 833	187	58	6 866	4 557	2 017	246	46
Other urban	8 419	6 791	112	36	1 480	1 094	247	99	39
Rural	16 525	11 042	74	22	5 387	3 464	1 769	147	7
Place Size[3]									
Less than 2,500 persons	3 347	2 766	35	9	536	348	163	22	4
2,500 to 9,999 persons	3 791	3 004	63	19	705	452	173	75	4
10,000 to 19,999 persons	2 921	2 456	14	12	440	351	51	19	19
20,000 to 49,999 persons	2 187	1 768	47	12	360	290	44	10	16
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. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**25 616**	**18 345**	**198**	**65**	**7 009**	**4 667**	**2 037**	**258**	**46**
Stories in Structure									
1	580	360	32	6	183	172	–	6	4
2	1 303	806	83	4	410	376	1	17	16
3	796	568	71	5	152	109	–	34	9
4 to 6	284	184	13	2	85	52	–	21	12
7 or more	72	49	–	–	23	21	–	2	–
Not reported	–	–	–	–	–	–	–	–	–
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	2 454	1 607	166	10	671	559	1	75	37
None (on same floor)	979	657	70	4	249	226	1	17	5
1 (up or down)	669	442	50	1	175	148	–	12	15
2 or more (up or down)	438	258	17	3	159	111	–	44	4
Not reported	369	250	29	2	88	74	–	1	13
Common Stairways									
Multiunits, 2 or more floors	2 454	1 607	166	10	671	559	1	75	37
No common stairways	714	428	92	2	192	175	1	16	–
With common stairways	1 385	938	44	6	396	314	–	58	24
No loose steps	1 293	885	44	6	357	299	–	40	18
Railings not loose	1 127	771	40	6	309	282	–	23	4
Railings loose	83	46	–	–	37	8	–	14	14
No railings	80	65	4	–	11	9	–	2	–
Status of railings not reported	3	3	–	–	–	–	–	–	–
Loose steps	90	50	–	–	39	15	–	18	6
Railings not loose	69	32	–	–	36	13	–	18	6
Railings loose	14	11	–	–	3	3	–	–	–
No railings	7	7	–	–	–	–	–	–	–
Status of railings not reported	–	–	–	–	–	–	–	–	–
Status of steps not reported	3	3	–	–	–	–	–	–	–
Status of stairways not reported	356	241	30	2	83	69	–	1	13
Light Fixtures in Public Halls									
2 or more units in structure	3 034	1 966	198	16	854	731	1	81	41
No public halls	1 392	851	124	9	409	378	1	21	9
No light fixtures in public halls	14	9	1	–	3	3	–	–	–
All in working order	784	542	20	1	222	171	–	32	18
Some in working order	53	30	2	–	21	6	–	16	–
None in working order	4	–	–	–	4	3	–	–	1
Unable to determine if working	364	250	16	4	94	83	–	12	–
Not reported	422	284	35	2	101	87	–	1	13
Elevator on Floor									
Multiunits, 2 or more floors	2 454	1 607	166	10	671	559	1	75	37
With 1 or more elevators working	178	119	–	–	59	54	–	2	2
With elevator, none in working condition	11	8	–	–	2	2	–	–	–
No elevator	1 912	1 244	135	8	525	433	1	71	20
Units 3 or more floors from main entrance	69	42	–	–	26	22	–	4	–
Not reported	353	235	31	2	85	69	–	1	15
Foundation									
1 unit bldg. excl. mobile homes	18 697	15 866	–	49	2 782	2 525	75	177	5
With basement under all of building	5 472	4 645	–	24	804	752	13	38	–
With basement under part of building	2 813	2 605	–	8	200	168	2	27	2
With crawl space	6 989	5 952	–	7	1 030	905	39	82	3
On concrete slab	2 907	2 204	–	9	693	652	16	25	–
Other	515	460	–	–	55	48	4	4	–
Not reported	–	–	–	–	–	–	–	–	–
External Building Conditions[1]									
Sagging roof	19	16	2	–	–	–	–	–	–
Missing roofing material	31	24	7	–	–	–	–	–	–
Hole in roof	–	–	–	–	–	–	–	–	–
Could not see roof	150	112	15	–	22	16	–	6	–
Missing bricks, siding, other outside wall material	62	52	9	1	–	–	–	–	–
Sloping outside walls	16	11	4	–	–	–	–	–	–
Boarded up windows	13	10	3	–	–	–	–	–	–
Broken windows	29	25	4	–	–	–	–	–	–
Bars on windows	–	–	–	–	–	–	–	–	–
Foundation crumbling or has open crack or hole	46	34	11	–	1	–	–	–	1
Could not see foundation	34	29	–	–	5	5	–	–	–
None of the above	2 353	1 480	131	13	730	628	1	74	27
Could not observe or not reported	434	294	39	2	99	85	–	1	13
Site Placement									
Mobile homes	3 885	512	–	–	3 373	1 411	1 962	–	–
First site	1 766	250	–	–	1 516	920	596	–	–
Moved from another site	1 312	138	–	–	1 174	322	852	–	–
Don't know	687	110	–	–	577	151	426	–	–
Not reported	120	14	–	–	106	18	88	–	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**25 616**	**18 345**	**198**	**65**	**7 009**	**4 667**	**2 037**	**258**	**46**
Rooms									
1 room	139	63	2	3	72	27	22	18	4
2 rooms	311	204	12	–	95	30	49	16	–
3 rooms	1 675	1 083	53	2	536	297	164	44	31
4 rooms	5 422	3 234	54	1	2 133	1 138	957	32	6
5 rooms	6 396	4 439	53	11	1 893	1 270	544	76	3
6 rooms	5 567	4 374	13	16	1 165	911	211	43	–
7 rooms	3 137	2 505	10	7	614	532	65	16	2
8 rooms	1 624	1 375	–	10	240	222	9	8	–
9 rooms	756	612	2	6	137	126	9	2	–
10 rooms or more	589	457	–	9	123	114	6	3	–
Median	**5.3**	**5.5**	**4.1**	**6.5**	**4.9**	**5.2**	**4.3**	**4.7**	**...**
Bedrooms									
None	219	134	6	3	76	30	22	20	4
1	2 272	1 511	75	3	684	378	209	65	31
2	8 805	5 805	71	10	2 919	1 601	1 242	70	6
3	10 896	8 075	38	25	2 758	2 160	504	89	5
4 or more	3 425	2 820	9	24	572	499	59	13	–
Median	**2.6**	**2.7**	**1.8**	**3.2**	**2.4**	**2.7**	**2.1**	**2.1**	**...**
Complete Bathrooms									
None	633	452	6	–	175	69	97	9	–
1	13 447	10 364	177	16	2 890	1 402	1 282	173	32
1 and one-half	3 908	3 031	8	7	861	575	259	15	12
2 or more	7 628	4 499	6	41	3 082	2 621	399	60	2
Square Footage of Unit									
Single detached and mobile homes	22 016	16 011	–	48	5 957	3 759	2 031	162	5
Less than 500	586	337	–	–	249	48	190	10	–
500 to 749	1 600	912	–	–	689	139	543	7	–
750 to 999	2 968	1 690	–	–	1 278	609	637	29	3
1,000 to 1,499	5 355	4 122	–	3	1 230	914	286	31	–
1,500 to 1,999	3 778	3 016	–	10	751	648	74	29	–
2,000 to 2,499	2 587	2 143	–	5	438	393	39	7	–
2,500 to 2,999	1 423	1 188	–	2	232	220	2	10	–
3,000 to 3,999	1 142	942	–	2	198	190	2	7	–
4,000 or more	690	515	–	4	170	157	6	5	2
Not reported (includes don't know)	1 888	1 146	–	21	721	441	253	28	–
Median	**1 458**	**1 562**	**...**	**...**	**1 164**	**1 472**	**811**	**1 339**	**...**
Lot Size									
Less than one-eighth acre	1 133	850	–	3	281	159	118	4	–
One-eighth up to one-quarter acre	2 396	1 988	–	18	390	245	135	10	–
One-quarter up to one-half acre	2 318	1 905	–	5	409	329	62	18	–
One-half up to one acre	2 192	1 625	–	3	563	425	127	10	–
1 to 4 acres	4 480	2 973	–	6	1 500	1 090	370	39	2
5 to 9 acres	840	535	–	1	304	214	81	9	–
10 acres or more	2 222	1 653	–	–	569	393	160	12	3
Don't know	3 903	2 797	–	10	1 097	555	500	42	–
Not reported	566	433	–	1	132	102	26	3	–
Median	**.94**	**.81**	**...**	**...**	**1.97**	**1.99**	**1.91**	**1.95**	**...**

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	**25 616**	**18 345**	**198**	**65**	**7 009**	**4 667**	**2 037**	**258**	**46**
Equipment[1]									
Lacking complete kitchen facilities	1 155	913	22	6	214	106	89	17	2
With complete kitchen (sink, refrigerator and burners)	24 461	17 432	176	59	6 795	4 562	1 948	241	44
Kitchen Sink	25 319	18 118	196	61	6 944	4 626	2 015	258	46
Refrigerator	24 781	17 662	183	60	6 877	4 604	1 977	249	46
Less than 5 years old	7 498	4 875	49	30	2 545	2 056	395	87	6
Age not reported	567	348	1	–	217	104	98	12	4
Burners and oven	24 899	17 770	183	61	6 885	4 622	1 973	246	44
Less than 5 years old	6 213	3 841	43	18	2 312	1 922	300	84	6
Age not reported	601	383	6	–	212	128	70	10	4
Burners only	69	38	3	–	28	12	11	2	2
Less than 5 years old	12	3	–	–	9	9	–	–	–
Age not reported	19	11	–	–	7	–	5	2	–
Oven only	26	19	–	–	7	–	7	–	–
Less than 5 years old	20	17	–	–	3	–	3	–	–
Age not reported	–	–	–	–	–	–	–	–	–
Neither burners nor oven	621	517	12	4	88	33	46	9	–
Dishwasher	9 636	6 646	31	28	2 931	2 577	289	63	2
Less than 5 years old	3 400	2 020	4	12	1 365	1 249	98	18	–
Age not reported	226	144	1	1	80	55	16	9	–
Washing machine	19 747	14 378	84	55	5 229	3 775	1 311	138	5
Less than 5 years old	6 456	4 384	29	23	2 019	1 571	397	49	2
Age not reported	282	180	5	–	97	70	27	–	–
Clothes dryer	18 150	13 184	72	53	4 841	3 638	1 078	123	2
Less than 5 years old	5 198	3 448	22	24	1 705	1 426	234	43	2
Age not reported	246	149	–	–	97	67	30	–	–
Disposal in kitchen sink	5 941	4 143	2	16	1 780	1 607	136	34	2
Less than 5 years old	2 045	1 220	–	6	818	780	19	18	2
Age not reported	217	148	–	–	69	56	11	2	–
Air conditioning:									
Central	8 396	5 391	26	9	2 970	2 446	467	51	6
1 room unit	5 536	4 114	49	13	1 360	667	615	68	9
2 room units	1 653	1 289	14	6	344	183	140	13	8
3 room units or more	437	387	1	4	45	24	21	–	–
Main Heating Equipment									
Warm-air furnace	12 621	9 005	82	23	3 510	2 195	1 238	69	8
Steam or hot water system	2 003	1 597	51	13	342	262	16	58	6
Electric heat pump	1 945	887	4	–	1 053	963	79	6	4
Built-in electric units	2 566	1 726	13	13	814	638	92	66	18
Floor, wall, or other built-in hot air units without ducts	1 335	1 160	5	2	168	85	77	1	5
Room heaters with flue	912	758	12	5	137	49	77	9	2
Room heaters without flue	786	638	7	1	140	27	98	12	3
Portable electric heaters	154	91	4	–	58	18	38	2	–
Stoves	2 191	1 672	19	–	500	288	194	18	–
Fireplaces with inserts	277	222	–	–	55	48	7	–	–
Fireplaces without inserts	84	69	–	3	12	6	2	3	–
Other	375	248	–	1	126	67	50	8	–
None	368	271	–	3	95	21	70	4	–
Other Heating Equipment									
With other heating equipment[1]	8 277	6 258	55	19	1 945	1 430	459	55	–
Warm-air furnace	579	381	6	–	191	109	79	3	–
Steam or hot water system	74	69	–	–	5	5	–	–	–
Electric heat pump	74	60	–	–	14	14	–	–	–
Built-in electric units	973	771	9	3	190	161	16	13	–
Floor, wall, or other built-in hot-air units without ducts	197	159	–	–	38	23	9	6	–
Room heaters with flue	391	326	–	–	65	21	41	3	–
Room heaters without flue	709	525	8	2	174	87	83	4	–
Portable electric heaters	1 297	1 057	15	1	223	103	111	9	–
Stoves	1 830	1 357	7	12	454	356	84	13	–
Fireplaces with inserts	1 319	988	–	–	331	301	23	7	–
Fireplaces with no inserts	1 491	1 129	13	2	347	332	15	–	–
Other	220	169	–	–	51	38	13	–	–
Plumbing									
With all plumbing facilities	24 768	17 738	189	62	6 779	4 555	1 940	242	42
Lacking some plumbing facilities[1]	203	129	2	–	72	22	47	4	–
No hot piped water	80	43	–	–	36	3	30	4	–
No bathtub nor shower	148	110	2	–	36	11	25	–	–
No flush toilet	70	46	–	–	24	11	13	–	–
No plumbing facilities for exclusive use	646	478	7	3	158	91	51	12	5
Source of Water									
Public system or private company	17 568	12 848	167	56	4 498	3 210	1 070	171	46
Well serving 1 to 5 units	7 166	4 923	23	9	2 211	1 358	777	77	–
Drilled	6 065	4 136	17	9	1 904	1 178	657	69	–
Dug	828	574	4	–	251	143	103	4	–
Not reported	272	213	2	–	57	37	17	3	–
Other	882	574	8	–	300	100	190	9	–

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	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	13 026	10 147	148	49	2 681	1 935	567	141	39
Septic tank, cesspool, chemical toilet	12 200	7 913	50	16	4 221	2 684	1 418	111	8
Other	390	284	–	–	106	49	52	5	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**25 616**	**18 345**	**198**	**65**	**7 009**	**4 667**	**2 037**	**258**	**46**
Main House Heating Fuel									
Housing units with heating fuel	25 248	18 074	198	62	6 914	4 646	1 968	254	46
Electricity	6 539	3 596	30	16	2 897	2 324	472	78	23
Piped gas	8 906	7 488	96	31	1 291	839	402	35	15
Bottled gas	3 210	1 897	7	1	1 304	719	535	46	4
Fuel oil	2 878	2 408	37	10	423	236	124	58	5
Kerosene or other liquid fuel	599	332	–	–	267	94	169	4	–
Coal or coke	184	157	5	–	23	9	11	2	–
Wood	2 801	2 120	19	3	658	409	220	30	–
Solar energy	13	4	–	–	9	6	3	–	–
Other	117	73	2	–	42	11	31	–	–
Other House Heating Fuels									
With other heating fuels[1]	5 772	4 389	31	17	1 334	967	333	34	1
Electricity	1 744	1 370	11	4	359	240	100	19	1
Piped gas	269	228	–	–	41	26	15	–	–
Bottled gas	376	253	–	–	123	73	34	16	–
Fuel oil	270	248	2	–	20	11	9	–	–
Kerosene or other liquid fuel	460	320	8	1	132	65	67	–	–
Coal or coke	44	32	–	–	13	11	2	–	–
Wood	2 716	2 036	10	13	658	549	99	9	–
Solar energy	25	19	–	–	5	5	–	–	–
Other	81	60	–	–	21	13	9	–	–
Not reported	182	143	4	–	36	33	3	–	–
Cooking Fuel									
With cooking fuel	24 976	17 822	186	61	6 907	4 631	1 981	249	46
Electricity	16 615	11 938	125	42	4 511	3 408	866	194	43
Gas	8 023	5 692	61	20	2 251	1 151	1 043	54	3
Kerosene or other liquid fuel	235	119	–	–	116	54	62	–	–
Coal or coke	6	6	–	–	–	–	–	–	–
Wood	47	41	–	–	6	6	–	–	–
Other	50	26	–	–	24	14	10	–	–
Water Heating Fuel									
With hot piped water	25 162	18 025	198	65	6 874	4 617	1 962	249	46
Electricity	13 142	8 560	69	27	4 485	3 119	1 215	119	32
Gas	10 696	8 484	116	35	2 061	1 301	653	93	14
Fuel oil	919	727	13	3	176	106	34	36	–
Kerosene or other liquid fuel	214	105	–	–	108	64	45	–	–
Coal or coke	29	29	–	–	–	–	–	–	–
Wood	56	47	–	–	9	5	4	–	–
Solar energy	32	21	–	–	11	8	3	–	–
Other	74	51	–	–	22	14	8	–	–
Central Air Conditioning Fuel									
With central air conditioning	8 396	5 391	26	9	2 970	2 446	467	51	6
Electricity	7 794	4 951	26	9	2 809	2 303	456	44	6
Gas	573	425	–	–	148	132	8	8	–
Other	29	15	–	–	14	11	3	–	–
Clother Dryer Fuel									
With clothes dryer	18 150	13 184	72	53	4 841	3 638	1 078	123	2
Electricity	15 957	11 323	69	49	4 515	3 387	1 020	106	2
Gas	2 157	1 830	2	4	321	249	56	17	–
Other	36	31	–	–	5	3	2	–	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**25 616**	**18 345**	**198**	**65**	**7 009**	**4 667**	**2 037**	**258**	**46**
Selected Amenities[1]									
Porch, deck, balcony, or patio	20 235	14 708	134	45	5 348	3 821	1 353	164	9
Not reported	28	16	2	–	9	5	–	4	–
Usable fireplace	6 059	4 567	29	20	1 443	1 316	85	43	–
Separate dining room	9 345	7 326	36	46	1 937	1 506	368	62	2
With 2 or more living rooms or recreation rooms, etc.	7 118	5 645	26	28	1 419	1 200	168	49	2
Garage or carport included with home	13 000	10 410	46	33	2 511	2 076	324	104	7
Garage or carport not included	10 910	6 822	145	30	3 913	2 291	1 460	124	37
Offstreet parking included	9 650	5 889	105	27	3 629	2 138	1 338	116	37
Offstreet parking not reported	43	25	2	–	16	12	4	–	–
Garage or carport not reported	64	48	–	–	16	12	3	–	–
Owner or Manager on Property									
Rental, multiunit[2]	3 034	1 966	198	16	854	731	1	81	41
Owner or manager lives on property	676	408	52	1	215	211	–	4	–
Neither owner nor manager lives on property	1 782	1 195	104	6	477	368	1	73	35
Not reported	577	363	42	9	162	151	–	5	6
Selected Deficiencies[1]									
Holes in floors	460	312	6	–	142	43	94	5	–
Open cracks or holes (interior)	1 371	1 085	18	6	262	106	138	16	2
Broken plaster or peeling paint (interior)	1 199	1 013	11	6	169	50	97	22	–
No electrical wiring	88	57	–	–	30	27	3	–	–
Exposed wiring	489	410	8	2	68	31	33	4	–
Rooms without electric outlets	746	614	8	2	122	54	54	14	–
Description of Area Within 300 Feet[1]									
Single-family detached houses	1 369	966	104	8	292	228	1	34	28
Only single-family detached	–	–	–	–	–	–	–	–	–
Single-family attached or 1 to 3 story multiunit	1 622	984	77	11	550	484	1	54	11
4 to 6 story multiunit	202	102	2	–	98	58	–	38	2
7 stories or more multiunit	56	36	–	–	20	20	–	–	–
Mobile homes	108	72	3	–	32	22	–	6	4
Commercial, institutional, or industrial	804	533	57	1	213	156	–	52	5
Residential parking lots	661	423	4	–	234	208	–	3	23
Body of water	215	150	7	–	58	58	–	–	–
Open space, park, farm, or ranch	709	415	34	3	256	234	–	17	5
4+ lane highway, railroad, or airport	200	155	7	–	38	38	–	–	–
Other	117	63	7	–	47	47	–	–	–
Not observed or not reported	412	279	35	2	96	82	–	1	13
Age of Other Residential Buildings Within 300 Feet									
Older	273	141	2	–	129	129	–	–	–
About the same	1 774	1 131	120	11	511	412	1	73	26
Newer	89	62	16	2	9	9	–	–	–
Very mixed	317	232	10	1	75	68	–	5	2
No other residential buildings	148	111	15	–	22	19	–	2	–
Not reported	433	289	35	2	107	93	–	1	13
Mobile Homes in Group									
Mobile homes	3 885	512	–	–	3 373	1 411	1 962	–	–
1 to 6	2 969	347	–	–	2 622	1 081	1 541	–	–
7 to 20	264	34	–	–	230	85	145	–	–
21 or more	644	131	–	–	512	245	267	–	–
Not reported	8	–	–	–	8	–	8	–	–
Other Buildings Vandalized or With Interior Exposed									
None	2 493	1 599	157	14	723	618	1	76	28
1 building	22	17	–	–	5	5	–	–	–
More than 1 building	20	16	–	–	4	–	–	4	–
No buildings within 300 feet	41	22	4	–	14	14	–	–	–
Not reported	459	313	37	2	107	93	–	1	13
Bars on Windows of Buildings									
With other buildings within 300 feet	2 535	1 632	157	14	733	623	1	80	28
No bars on windows	2 495	1 605	153	14	723	614	1	80	28
1 building with bars	9	5	4	–	–	–	–	–	–
2 or more buildings with bars	16	13	–	–	2	2	–	–	–
Not reported	15	7	–	–	8	8	–	–	–
Condition of Streets									
No repairs needed	2 003	1 289	129	13	572	489	1	54	28
Minor repairs needed	538	351	27	1	160	138	–	21	–
Major repairs needed	53	38	–	–	15	10	–	5	–
No streets within 300 feet	26	12	7	–	6	6	–	–	–
Not reported	414	276	35	2	101	88	–	1	13

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	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	2 062	1 288	119	13	642	543	1	69	28
Minor accumulation	502	359	37	1	105	98	–	6	–
Major accumulation	56	43	4	–	9	5	–	4	–
Not reported	414	276	38	2	99	85	–	1	13

[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. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	**25 616**	**18 345**	**198**	**65**	**7 009**	**4 667**	**2 037**	**258**	**46**
Monthly Housing Costs[1]									
Less than $100	822	520	4	–	298	129	154	10	4
$100 to $199	4 411	3 353	12	5	1 041	564	448	19	11
$200 to $249	2 277	1 725	26	2	524	292	189	33	11
$250 to $299	1 787	1 374	19	8	385	222	124	37	2
$300 to $349	1 451	1 062	26	–	362	228	106	27	2
$350 to $399	1 377	1 015	17	4	341	206	117	16	2
$400 to $449	1 387	976	10	4	397	302	82	13	–
$450 to $499	1 170	886	11	2	271	210	55	4	2
$500 to $599	1 718	1 208	20	4	486	406	71	9	–
$600 to $699	1 175	862	18	4	290	253	22	7	8
$700 to $799	731	498	–	3	229	218	9	2	–
$800 to $999	872	577	11	7	277	263	2	12	–
$1,000 to $1,249	436	263	4	8	161	145	6	9	–
$1,250 to $1,499	221	140	–	1	79	79	–	–	–
$1,500 or more	196	109	–	–	88	88	–	–	–
No cash rent	816	611	6	1	197	92	96	7	3
Mortgage payment not reported	975	689	–	3	282	240	34	9	–
Median (excludes no cash rent)	**325**	**315**	**355**	**539**	**351**	**427**	**224**	**300**	**...**
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	**325**	**308**	**...**	**...**	**373**	**457**	**194**	**355**	**...**
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	**130**	**122**	**...**	**...**	**155**	**224**	**100-**	**100-**	**...**
OWNER HOUSING UNITS									
Total	**16 515**	**12 056**	**30**	**49**	**4 380**	**3 196**	**1 071**	**108**	**4**
Average Monthly Cost Paid for Real Estate Taxes									
Less than $25	5 195	3 293	2	4	1 896	1 048	799	45	4
$25 to $49	3 919	3 072	2	14	831	627	178	27	–
$50 to $74	2 337	1 858	–	8	472	426	36	10	–
$75 to $99	1 515	1 245	2	5	263	250	8	6	–
$100 to $149	1 912	1 425	9	11	468	436	24	7	–
$150 to $199	790	573	7	1	209	190	8	10	–
$200 or more	847	591	7	6	243	220	19	3	–
Median	**45**	**47**	**...**	**...**	**34**	**47**	**25-**	**34**	**...**
Annual Taxes Paid Per $1,000 Value									
Less than $5	3 469	2 414	–	6	1 049	713	286	46	4
$5 to $9	4 637	3 399	9	9	1 219	968	220	31	–
$10 to $14	3 148	2 349	–	12	788	666	112	10	–
$15 to $19	1 979	1 505	7	8	458	375	74	10	–
$20 to $24	1 164	920	2	6	237	169	57	10	–
$25 or more	2 119	1 470	12	8	629	306	322	1	–
Median	**10**	**10**	**...**	**...**	**10**	**10**	**11**	**6**	**...**
Condominium and Cooperative Fee									
Fee paid by owners	106	52	–	–	54	54	–	–	–
Less than $25 per month	7	4	–	–	3	3	–	–	–
$25 to $49	3	–	–	–	3	3	–	–	–
$50 to $74	39	26	–	–	13	13	–	–	–
$75 to $99	31	5	–	–	26	26	–	–	–
$100 to $149	13	7	–	–	7	7	–	–	–
$150 to $199	–	–	–	–	–	–	–	–	–
$200 or more per month	4	4	–	–	–	–	–	–	–
Not reported	9	6	–	–	3	3	–	–	–
Median	**75**	**68**	**...**	**...**	**81**	**81**	**...**	**...**	**...**
Other Housing Costs Per Month									
Homeowner association fee paid	90	41	–	–	49	49	–	–	–
Median	**75**	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**
Mobile home park fee paid	45	8	–	–	37	28	9	–	–
Median	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**
Land rent fee paid	42	12	–	–	30	14	12	4	–
Median	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**
Value[2]									
Less than $10,000	1 096	366	–	2	728	178	546	4	–
$10,000 to $19,999	1 292	586	3	1	702	414	288	–	–
$20,000 to $29,999	1 404	981	4	3	416	312	100	4	–
$30,000 to $39,999	1 663	1 368	–	3	293	247	36	10	–
$40,000 to $49,999	1 771	1 538	3	5	225	185	27	13	–
$50,000 to $59,999	1 483	1 306	2	5	171	142	24	5	–
$60,000 to $69,999	1 543	1 313	5	3	222	194	14	14	–
$70,000 to $79,999	1 299	1 072	–	5	223	201	12	10	–
$80,000 to $99,999	1 804	1 396	4	16	387	350	17	20	–
$100,000 to $119,999	927	685	–	–	242	222	–	15	4
$120,000 to $149,999	875	633	4	2	235	235	–	–	–
$150,000 to $199,999	727	430	2	2	292	289	–	3	–
$200,000 to $249,999	263	161	–	–	102	94	–	8	–
$250,000 to $299,999	181	102	2	1	76	68	8	–	–
$300,000 or more	187	119	–	1	67	64	–	3	–
Time shared units	16	3	–	–	14	14	–	–	–
Median	**56 953**	**59 099**	**...**	**...**	**42 296**	**66 171**	**10000-**	**75 533**	**...**

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	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	388	275	5	1	108	59	34	14	–
Medical or dental office	17	12	–	–	5	5	–	–	–
Neither	16 121	11 776	25	48	4 272	3 137	1 037	94	4

[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. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**94 314**	**70 668**	**843**	**331**	**22 472**	**18 920**	**3 014**	**404**	**135**
Tenure									
Owner occupied	62 644	46 790	205	222	15 427	13 156	2 115	141	15
Percent of all occupied	66.4	66.2	24.3	67.0	68.6	69.5	70.2	35.0	11.2
Renter occupied	31 670	23 878	638	109	7 045	5 764	899	262	120
Race and Origin									
White	80 644	59 837	677	259	19 871	16 632	2 744	372	124
Non-Hispanic	74 877	55 347	630	240	18 660	15 667	2 558	319	115
Hispanic	5 766	4 489	47	19	1 211	964	186	52	9
Black	10 136	8 217	112	62	1 745	1 490	224	22	9
Other	3 534	2 613	54	11	856	798	46	10	2
Total Hispanic	6 653	5 237	65	21	1 330	1 056	209	57	9
Units in Structure									
1, detached	59 763	49 052	–	212	10 499	10 091	148	217	43
1, attached	5 244	3 568	–	21	1 655	1 627	–	24	4
2 to 4	8 716	6 661	767	63	1 225	1 105	14	91	16
5 to 9	4 277	3 012	63	11	1 190	1 165	–	25	1
10 to 19	3 814	2 479	2	10	1 323	1 295	–	7	21
20 to 49	2 959	2 125	11	4	819	753	4	21	41
50 or more	3 316	2 624	–	9	683	655	–	20	8
Mobile home or trailer	6 227	1 147	–	2	5 078	2 229	2 849	–	–
Cooperatives and Condominiums									
Cooperatives	706	624	1	3	78	61	18	–	–
Condominiums	3 565	2 001	2	7	1 555	1 552	–	3	–
Year Structure Built[1]									
1990 to 1994	4 566	–	–	–	4 566	4 561	4	–	–
1985 to 1989	7 825	–	–	–	7 825	7 807	18	–	–
1980 to 1984	6 992	363	–	–	6 629	6 552	69	–	8
1975 to 1979	10 361	9 099	33	18	1 210	–	1 078	121	11
1970 to 1974	10 110	9 018	34	9	1 048	–	1 002	16	30
1960 to 1969	14 671	13 847	66	36	723	–	659	37	27
1950 to 1959	12 797	12 485	130	43	139	–	106	24	9
1940 to 1949	7 614	7 358	110	40	105	–	40	57	9
1930 to 1939	6 232	5 580	419	164	69	–	24	23	22
1920 to 1929	4 858	4 789	13	4	51	–	5	44	2
1919 or earlier	8 289	8 127	37	18	107	–	9	81	17
Median	**1963**	**1958**	**1939**	**1939**	**1984**	**1985**	**1973**	**1949**	**1963**
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	73 046	55 214	689	275	16 869	15 039	1 529	211	91
In central cities	28 784	23 829	324	173	4 459	4 156	164	96	44
Suburbs	44 262	31 385	365	102	12 410	10 883	1 365	115	47
Outside metropolitan statistical areas	21 268	15 454	154	57	5 603	3 881	1 485	193	44
Regions									
Northeast	18 792	15 659	333	123	2 677	2 295	223	109	50
Midwest	23 032	18 836	229	91	3 876	3 439	349	64	24
South	32 640	21 879	126	70	10 564	8 539	1 826	179	20
West	19 850	14 294	154	48	5 354	4 647	616	50	41
Urbanized Areas									
Inside urbanized areas	57 563	46 240	548	241	10 535	9 820	504	131	79
In central cities of (P)MSA's	28 201	23 499	322	173	4 207	3 908	159	96	44
Urban fringe	29 363	22 741	226	69	6 327	5 912	345	35	35
Outside urbanized areas	36 751	24 428	295	90	11 938	9 100	2 510	272	56
Other urban	11 361	8 769	132	50	2 410	2 019	267	87	37
Rural	25 390	15 659	164	41	9 527	7 081	2 242	185	19
Place Size[2]									
Less than 2,500 persons	4 608	3 778	69	13	748	483	222	35	8
2,500 to 9,999 persons	9 143	7 425	114	37	1 567	1 269	227	66	4
10,000 to 19,999 persons	8 450	6 997	66	29	1 358	1 194	120	18	27
20,000 to 49,999 persons	12 648	10 283	155	43	2 166	2 014	94	35	24
50,000 to 99,999 persons	8 212	6 821	62	25	1 304	1 197	61	14	32
100,000 to 249,999 persons	7 303	5 787	46	30	1 440	1 359	73	5	4
250,000 to 499,999 persons	4 925	4 111	40	27	748	703	29	11	5
500,000 to 999,999 persons	4 347	3 554	61	30	701	675	13	13	–
1,000,000 persons or more	6 220	5 626	90	61	443	370	16	40	16

[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. **1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**94 314**	**70 668**	**843**	**331**	**22 472**	**18 920**	**3 014**	**404**	**135**
Stories in Structure									
1	2 270	1 543	128	14	585	560	–	18	8
2	8 448	5 568	258	18	2 604	2 533	13	27	30
3	6 557	4 863	340	27	1 326	1 261	–	43	22
4 to 6	3 537	2 972	102	26	436	371	–	46	20
7 or more	2 257	1 954	3	12	288	248	4	29	8
Not reported	12	–	12	–	–	–	–	–	–
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	20 799	15 358	703	84	4 654	4 413	17	145	80
None (on same floor)	7 623	5 404	316	28	1 875	1 827	7	34	8
1 (up or down)	6 086	4 505	228	22	1 332	1 262	7	35	28
2 or more (up or down)	5 719	4 504	92	28	1 095	995	4	73	23
Not reported	1 371	945	68	5	353	329	–	3	20
Common Stairways									
Multiunits, 2 or more floors	20 799	15 358	703	84	4 654	4 413	17	145	80
No common stairways	4 215	2 953	357	17	888	847	–	34	6
With common stairways	15 384	11 610	279	61	3 433	3 251	17	109	57
No loose steps	14 340	10 788	236	56	3 261	3 104	17	96	44
Railings not loose	13 135	9 889	190	51	3 006	2 887	17	76	26
Railings loose	539	381	16	4	138	103	–	17	18
No railings	562	444	26	2	90	87	–	3	–
Status of railings not reported	105	74	4	–	27	27	–	–	–
Loose steps	1 004	790	42	6	167	142	–	12	13
Railings not loose	743	574	19	4	146	122	–	11	13
Railings loose	188	156	17	2	14	12	–	1	–
No railings	52	42	6	–	5	5	–	–	–
Status of railings not reported	20	18	–	–	2	2	–	–	–
Status of steps not reported	39	31	2	–	5	5	–	–	–
Status of stairways not reported	1 200	795	67	5	333	315	–	2	17
Light Fixtures in Public Halls									
2 or more units in structure	23 068	16 900	831	98	5 240	4 972	17	163	88
No public halls	8 797	5 962	563	42	2 230	2 147	–	65	17
No light fixtures in public halls	50	39	3	–	7	7	–	–	–
All in working order	8 902	6 908	109	41	1 843	1 734	7	61	42
Some in working order	534	445	30	2	58	37	–	17	4
None in working order	29	22	3	1	4	3	–	–	1
Unable to determine if working	3 258	2 527	45	7	680	645	10	18	7
Not reported	1 499	998	77	6	418	399	–	2	17
Elevator on Floor									
Multiunits, 2 or more floors	20 799	15 358	703	84	4 654	4 413	17	145	80
With 1 or more elevators working	3 572	2 818	5	12	737	684	4	31	18
With elevator, none in working condition	111	91	–	–	21	21	–	–	–
No elevator	15 925	11 681	628	66	3 551	3 382	13	112	44
Units 3 or more floors from main entrance	833	668	33	3	128	119	–	9	–
Not reported	1 191	769	70	6	346	326	–	2	19
Foundation									
1 unit bldg. excl. mobile homes	65 007	52 620	–	232	12 154	11 718	148	241	47
With basement under all of building	22 841	19 254	–	128	3 458	3 372	35	45	6
With basement under part of building	7 916	6 954	–	36	926	900	2	19	4
With crawl space	16 460	13 907	–	41	2 512	2 348	66	89	9
On concrete slab	16 636	11 518	–	23	5 095	4 976	36	79	4
Other	1 123	986	–	4	132	116	8	9	–
Not reported	31	–	–	–	31	7	–	–	24
External Building Conditions[1]									
Sagging roof	84	73	9	1	–	–	–	–	–
Missing roofing material	141	124	8	2	7	7	–	–	–
Hole in roof	24	21	–	1	2	2	–	–	–
Could not see roof	2 746	2 334	89	18	305	262	4	39	–
Missing bricks, siding, other outside wall material	360	313	26	5	16	16	–	–	–
Sloping outside walls	58	49	7	1	–	–	–	–	–
Boarded up windows	148	137	4	1	6	5	–	1	–
Broken windows	220	197	11	1	10	10	–	1	–
Bars on windows	488	418	18	3	48	21	4	24	–
Foundation crumbling or has open crack or hole	279	237	22	2	18	10	–	7	1
Could not see foundation	1 024	866	34	5	119	98	4	14	4
None of the above	17 830	12 782	592	69	4 386	4 191	14	117	65
Could not observe or not reported	1 728	1 133	102	6	487	467	–	3	18
Site Placement									
Mobile homes	6 227	1 147	–	2	5 078	2 229	2 849	–	–
First site	3 215	679	–	2	2 534	1 549	985	–	–
Moved from another site	1 777	217	–	–	1 560	462	1 098	–	–
Don't know	1 058	225	–	–	833	166	667	–	–
Not reported	177	26	–	–	151	52	99	–	–
Previous Occupancy									
Unit built 1980 or later	19 383	363	–	–	19 020	18 920	92	–	8
Not previously occupied	9 638	68	–	–	9 569	9 523	46	–	–
Not reported	2 269	165	–	–	2 104	2 084	13	4	4

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

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**94 314**	**70 668**	**843**	**331**	**22 472**	**18 920**	**3 014**	**404**	**135**
Rooms									
1 room	530	376	45	3	106	42	–	26	37
2 rooms	917	718	50	–	149	100	14	27	8
3 rooms	7 384	5 516	205	14	1 648	1 369	156	85	39
4 rooms	17 003	11 561	214	31	5 196	3 731	1 362	85	19
5 rooms	21 107	15 664	153	53	5 237	4 165	972	88	12
6 rooms	20 046	15 954	94	66	3 931	3 575	296	49	11
7 rooms	13 218	10 422	53	47	2 697	2 528	150	17	2
8 rooms	7 775	5 870	10	51	1 844	1 783	40	15	6
9 rooms	3 807	2 771	12	35	989	969	18	2	–
10 rooms or more	2 528	1 816	7	31	675	658	6	10	–
Median	**5.5**	**5.6**	**4.1**	**6.5**	**5.3**	**5.5**	**4.5**	**4.3**	**3.1**
Bedrooms									
None	1 020	791	73	3	153	84	–	32	37
1	10 493	7 842	283	23	2 346	1 960	224	115	46
2	28 847	20 779	294	78	7 696	5 734	1 806	133	23
3	38 925	29 747	153	118	8 906	7 878	908	100	21
4 or more	15 029	11 509	40	110	3 371	3 264	77	24	7
Median	**2.7**	**2.7**	**1.7**	**3.0**	**2.6**	**2.7**	**2.2**	**1.9**	**1.1**
Complete Bathrooms									
None	450	330	34	–	85	35	27	15	9
1	43 047	35 528	691	93	6 735	4 605	1 766	274	90
1 and one-half	15 171	12 661	51	37	2 422	1 934	453	15	20
2 or more	35 646	22 148	67	202	13 230	12 347	768	100	16
Square Footage of Unit									
Single detached and mobile homes	65 990	50 199	–	213	15 578	12 320	2 997	217	43
Less than 500	691	413	–	–	278	69	192	16	1
500 to 749	2 529	1 637	–	4	888	144	734	10	–
750 to 999	6 039	3 967	–	3	2 069	1 020	1 004	41	3
1,000 to 1,499	15 390	12 149	–	20	3 220	2 627	546	45	2
1,500 to 1,999	13 585	10 854	–	29	2 702	2 569	108	26	–
2,000 to 2,499	9 925	7 961	–	19	1 945	1 889	45	7	4
2,500 to 2,999	5 435	4 234	–	10	1 191	1 166	8	17	–
3,000 to 3,999	4 850	3 781	–	14	1 054	1 049	2	3	–
4,000 or more	2 736	2 018	–	13	705	684	16	2	2
Not reported	4 810	3 184	–	100	1 526	1 103	342	51	31
Median	**1 719**	**1 746**	**...**	**1 992**	**1 606**	**1 840**	**850**	**1 184**	**...**
Lot Size									
Less than one-eighth acre	6 805	5 454	–	39	1 311	931	372	8	–
One-eighth up to one-quarter acre	12 580	10 264	–	58	2 258	1 998	245	15	–
One-quarter up to one-half acre	10 243	8 107	–	20	2 117	1 983	116	18	–
One-half up to one acre	7 168	5 368	–	15	1 785	1 553	205	26	–
1 to 4 acres	10 332	7 037	–	21	3 274	2 585	640	45	4
5 to 9 acres	1 651	1 005	–	4	641	470	151	16	4
10 acres or more	3 380	2 485	–	4	892	635	227	23	7
Don't know	13 366	9 742	–	54	3 569	2 584	898	79	8
Not reported	5 709	4 305	–	19	1 385	1 207	142	12	24
Median	**.41**	**.38**	**...**	**.22**	**.63**	**.55**	**1.25**	**1.79**	**...**
Persons Per Room									
0.50 or less	64 565	48 789	511	195	15 069	12 848	1 929	212	80
0.51 to 1.00	27 346	19 958	301	121	6 966	5 795	972	173	26
1.01 to 1.50	1 949	1 578	13	14	343	230	99	14	–
1.51 or more	455	342	18	1	94	47	13	4	29
Square Feet Per Person									
Single detached and mobile homes	65 990	50 199	–	213	15 578	12 320	2 997	217	43
Less than 200	1 798	1 249	–	6	544	187	344	11	1
200 to 299	4 369	3 089	–	5	1 276	780	471	25	–
300 to 399	6 341	4 572	–	16	1 754	1 261	457	33	2
400 to 499	6 795	4 893	–	8	1 893	1 452	417	23	–
500 to 599	6 026	4 520	–	13	1 494	1 280	200	14	–
600 to 699	5 777	4 317	–	9	1 451	1 227	209	11	4
700 to 799	4 864	3 680	–	13	1 171	954	207	9	2
800 to 899	3 662	2 792	–	10	859	763	89	8	–
900 to 999	3 484	2 716	–	4	763	644	104	12	3
1,000 to 1,499	10 076	8 358	–	21	1 697	1 576	116	6	–
1,500 or more	7 988	6 829	–	10	1 149	1 094	40	14	–
Not reported	4 810	3 184	–	100	1 526	1 103	342	51	31
Median	**691**	**724**	**...**	**711**	**604**	**653**	**413**	**459**	**...**

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**94 314**	**70 668**	**843**	**331**	**22 472**	**18 920**	**3 014**	**404**	**135**
Equipment[1]									
Lacking complete kitchen facilities	997	753	35	2	207	120	26	18	43
With complete kitchen (sink, refrigerator and burners)	93 317	69 915	808	329	22 265	18 800	2 987	386	92
Kitchen sink	93 786	70 277	816	329	22 363	18 861	3 007	400	95
Refrigerator	94 039	70 478	824	331	22 406	18 889	3 004	402	111
Less than 5 years old	33 263	22 988	262	122	9 891	8 957	768	137	30
Age not reported	1 535	1 005	22	4	504	424	67	9	4
Burners and oven	93 798	70 288	817	331	22 362	18 880	3 004	386	93
Less than 5 years old	26 504	17 320	216	104	8 864	8 132	592	120	19
Age not reported	1 678	1 056	16	2	604	545	46	10	4
Burners only	125	87	2	–	36	17	7	5	7
Less than 5 years old	28	15	–	–	13	13	–	–	–
Age not reported	23	14	–	–	9	–	4	–	5
Oven only	91	66	–	–	25	21	3	1	–
Less than 5 years old	52	32	–	–	20	16	3	1	–
Age not reported	2	2	–	–	–	–	–	–	–
Neither burners nor oven	300	227	24	–	49	2	–	12	35
Dishwasher	49 240	33 228	182	149	15 681	14 966	595	90	31
Less than 5 years old	17 933	10 604	62	58	7 209	6 980	189	29	11
Age not reported	1 047	604	6	3	435	413	15	6	–
Washing machine	74 098	54 821	398	270	18 609	16 064	2 331	191	22
Less than 5 years old	26 778	18 337	146	102	8 194	7 350	765	74	4
Age not reported	658	425	9	4	220	194	26	–	–
Clothes dryer	68 316	49 862	353	232	17 869	15 703	1 962	184	19
Less than 5 years old	22 260	14 605	119	80	7 455	6 879	506	65	4
Age not reported	585	354	5	5	221	197	24	–	–
Disposal in kitchen sink	40 020	26 941	107	90	12 881	12 474	340	48	19
Less than 5 years old	15 349	8 898	48	39	6 364	6 247	92	23	2
Age not reported	1 535	1 032	2	4	498	479	19	1	–
Air conditioning:									
Central	42 121	27 178	112	72	14 759	13 699	913	98	48
1 room unit	16 743	13 979	204	65	2 495	1 468	885	128	14
2 room units	6 906	6 026	66	29	784	448	288	35	14
3 room units or more	2 520	2 341	18	30	130	89	41	–	–
Main Heating Equipment									
Warm-air furnace	51 667	38 044	335	126	13 162	11 071	1 932	112	48
Steam or hot water system	13 465	11 993	287	121	1 064	901	40	95	27
Electric heat pump	8 194	3 957	23	9	4 205	4 033	141	16	14
Built-in electric units	6 525	4 696	49	24	1 755	1 564	93	70	28
Floor, wall, or other built-in hot air units without ducts	4 754	4 322	42	14	376	249	99	21	7
Room heaters with flue	1 729	1 513	30	10	175	74	83	16	2
Room heaters without flue	1 582	1 307	10	6	260	71	178	8	3
Portable electric heaters	675	506	22	4	143	47	80	16	–
Stoves	2 767	2 048	23	1	695	407	264	24	–
Fireplaces with inserts	563	429	2	–	131	124	7	–	–
Fireplaces without inserts	269	209	2	3	54	52	2	–	–
Other	1 223	948	5	6	265	202	49	13	1
None	901	696	12	6	187	126	45	12	4
Other Heating Equipment									
With other heating equipment[1]	26 817	19 573	180	98	6 967	6 057	824	81	4
Warm-air furnace	1 266	825	4	4	433	288	141	5	–
Steam or hot water system	202	182	–	2	18	15	2	1	–
Electric heat pump	271	191	1	–	80	80	–	–	–
Built-in electric units	2 247	1 861	35	9	343	306	24	13	–
Floor, wall, or other built-in hot-air units without ducts	503	437	5	2	58	41	12	6	–
Room heaters with flue	859	720	6	2	131	75	53	3	–
Room heaters without flue	1 627	1 263	20	7	337	196	138	4	–
Portable electric heaters	5 391	4 465	57	22	847	552	262	33	–
Stoves	3 508	2 703	13	19	773	623	142	9	–
Fireplaces with inserts	4 130	2 822	9	12	1 287	1 240	36	7	4
Fireplaces with no inserts	8 839	5 791	52	22	2 974	2 929	38	7	–
Other	781	593	5	2	181	157	23	1	–
Plumbing									
With all plumbing facilities	92 999	69 676	794	326	22 203	18 712	2 984	386	121
Lacking some plumbing facilities[1]	192	127	25	–	41	16	16	8	–
No hot piped water	51	31	–	–	21	8	6	7	–
No bathtub nor shower	144	100	25	–	19	4	10	4	–
No flush toilet	101	67	20	–	14	10	4	–	–
No plumbing facilities for exclusive use	1 122	865	24	5	228	191	14	9	14
Source of Water									
Public system or private company	80 848	61 450	759	311	18 328	15 962	1 930	306	130
Well serving 1 to 5 units	11 749	7 980	60	16	3 694	2 620	980	90	4
Drilled	10 033	6 746	56	15	3 217	2 317	821	80	–
Dug	1 149	800	2	1	346	224	116	3	4
Not reported	567	435	2	–	131	79	43	8	–
Other	1 717	1 237	24	5	451	338	104	7	1
Means of Sewage Disposal									
Public sewer	72 729	56 414	687	295	15 333	13 814	1 125	272	121
Septic tank, cesspool, chemical toilet	21 473	14 169	156	36	7 112	5 088	1 878	131	14
Other	112	85	–	–	28	18	10	–	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**94 314**	**70 668**	**843**	**331**	**22 472**	**18 920**	**3 014**	**404**	**135**
Main House Heating Fuel									
Housing units with heating fuel	93 413	69 972	831	325	22 285	18 794	2 968	391	131
Electricity	24 389	14 136	125	45	10 083	9 073	834	126	50
Piped gas	48 210	39 483	501	204	8 022	7 039	804	121	57
Bottled gas	3 901	2 308	7	4	1 582	981	556	42	4
Fuel oil	11 131	9 934	159	60	977	749	150	61	16
Kerosene or other liquid fuel	1 045	581	–	–	464	178	278	6	2
Coal or coke	298	244	5	–	49	32	15	2	–
Wood	3 948	2 916	28	5	999	666	301	33	–
Solar energy	29	12	2	–	14	11	3	–	–
Other	463	359	2	8	95	66	28	–	1
Other House Heating Fuels									
With other heating fuels[1]	17 236	12 875	128	66	4 166	3 467	631	56	12
Electricity	5 667	4 512	67	25	1 063	791	230	36	6
Piped gas	920	720	9	2	189	164	25	–	–
Bottled gas	545	373	–	–	173	104	52	16	–
Fuel oil	583	531	2	–	50	36	14	–	–
Kerosene or other liquid fuel	1 169	836	18	4	311	173	138	–	–
Coal or coke	139	107	1	1	31	25	6	–	–
Wood	8 480	6 020	42	35	2 382	2 200	163	15	4
Solar energy	99	73	3	–	24	24	–	–	–
Other	376	271	4	1	100	75	23	–	2
Not reported	574	437	4	–	133	118	11	4	–
Cooking Fuel									
With cooking fuel	94 002	70 434	819	331	22 418	18 913	3 014	392	100
Electricity	55 605	39 377	414	147	15 668	13 933	1 402	251	82
Piped gas	33 748	28 384	373	171	4 821	3 916	772	119	13
Bottled gas	4 184	2 384	32	12	1 756	962	767	22	4
Kerosene or other liquid fuel	293	180	–	–	113	66	47	–	–
Coal or coke	11	11	–	–	–	–	–	–	–
Wood	13	5	–	–	8	8	–	–	–
Other	147	93	–	2	52	27	25	–	–
Water Heating Fuel									
With hot piped water	94 140	70 545	837	331	22 427	18 905	3 002	394	126
Electricity	34 658	22 096	197	74	12 291	10 117	1 959	158	57
Piped gas	49 825	40 791	520	205	8 309	7 464	649	149	47
Bottled gas	3 041	1 966	28	9	1 038	678	314	43	3
Fuel oil	5 569	4 991	87	32	459	396	11	40	12
Kerosene or other liquid fuel	288	144	–	2	143	97	41	3	2
Coal or coke	42	38	–	–	5	5	–	–	–
Wood	47	35	–	–	12	7	4	–	–
Solar energy	276	207	–	1	68	60	3	–	5
Other	393	278	4	9	102	81	20	1	–
Central Air Conditioning Fuel									
With central air conditioning	42 121	27 178	112	72	14 759	13 699	913	98	48
Electricity	39 093	24 843	107	67	14 076	13 045	897	86	48
Piped gas	2 685	2 104	4	6	570	552	11	8	–
Other	343	231	–	–	112	102	6	4	–
Clothes Dryer Fuel									
With clothes dryer	68 316	49 862	353	232	17 869	15 703	1 962	184	19
Electricity	51 877	36 347	269	157	15 103	13 101	1 829	156	17
Piped gas	15 511	12 895	79	73	2 464	2 354	96	11	2
Other	929	620	5	3	302	248	37	17	–
Units Using Each Fuel[1]									
Electricity	94 281	70 642	843	331	22 464	18 912	3 014	404	135
All-electric units	19 114	10 509	81	33	8 491	7 709	641	94	46
Piped gas	58 576	47 913	612	250	9 801	8 582	952	191	76
Bottled gas	7 256	4 551	45	20	2 639	1 545	1 025	64	5
Fuel oil	13 375	11 829	184	66	1 295	997	199	79	20
Kerosene or other liquid fuel	2 360	1 535	18	5	803	375	419	6	2
Coal or coke	440	353	6	1	80	57	21	2	–
Wood	12 427	8 936	70	40	3 381	2 866	464	48	4
Solar energy	378	273	5	1	99	91	3	–	5
Other	1 137	831	11	12	283	207	72	1	3

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

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**94 314**	**70 668**	**843**	**331**	**22 472**	**18 920**	**3 014**	**404**	**135**
Water Supply Stoppage									
With hot and cold piped water	94 140	70 545	837	331	22 427	18 905	3 002	394	126
No stoppage in last 3 months	89 623	67 242	808	315	21 259	18 041	2 741	361	116
With stoppage in last 3 months	4 007	2 923	24	13	1 048	779	229	32	8
No stoppage lasting 6 hours or more	1 594	1 134	4	5	452	346	91	15	–
1 time lasting 6 hours or more	1 652	1 192	17	8	436	321	99	8	8
2 times	293	231	–	1	62	41	21	–	–
3 times	136	111	–	–	24	11	12	–	–
4 times or more	148	104	2	–	42	34	–	8	–
Number of times not reported	183	151	–	–	32	25	6	1	–
Stoppage not reported	509	381	5	3	121	84	32	1	3
Flush Toilet Breakdowns									
With one or more flush toilets	94 091	70 508	817	331	22 434	18 902	3 004	402	126
With at least one working toilet at all times in last 3 months	89 226	66 723	758	319	21 425	18 159	2 788	366	112
None working some time in last 3 months	4 551	3 563	47	10	931	682	203	33	14
No breakdowns lasting 6 hours or more	1 368	1 026	14	7	320	222	86	5	7
1 time lasting 6 hours or more	2 126	1 698	26	2	399	307	72	16	4
2 times	456	358	–	1	97	74	16	4	3
3 times	132	111	3	–	18	11	8	–	–
4 times or more	189	158	2	–	29	15	6	8	–
Number of times not reported	281	212	1	–	68	53	15	–	–
Breakdowns not reported	313	222	12	2	77	61	13	3	–
Sewage Disposal Breakdowns									
With public sewer	72 729	56 414	687	295	15 333	13 814	1 125	272	121
No breakdowns in last 3 months	71 394	55 297	665	289	15 143	13 658	1 096	268	121
With breakdowns in last 3 months	1 335	1 116	23	6	190	156	30	4	–
No breakdowns lasting 6 hours or more	386	306	8	–	72	57	11	4	–
1 time lasting 6 hours or more	728	612	12	4	100	85	15	–	–
2 times	136	122	2	2	10	10	–	–	–
3 times	44	39	1	–	4	–	4	–	–
4 times or more	42	37	–	–	4	4	–	–	–
With septic tank or cesspool	21 473	14 169	156	36	7 112	5 088	1 878	131	14
No breakdowns in last 3 months	20 932	13 817	149	36	6 930	4 972	1 824	120	14
With breakdowns in last 3 months	541	352	7	–	182	116	55	11	–
No breakdowns lasting 6 hours or more	146	85	2	–	58	40	18	–	–
1 time lasting 6 hours or more	338	229	4	–	104	71	27	6	–
2 times	32	22	–	–	9	5	4	–	–
3 times	5	–	–	–	5	–	–	5	–
4 times or more	22	16	–	–	6	–	6	–	–
Heating Problems									
With heating equipment and occupied last winter	85 358	64 733	668	301	19 656	16 562	2 681	304	109
Not uncomfortably cold for 24 hours or more last winter	79 253	59 932	599	272	18 451	15 617	2 444	288	101
Uncomfortably cold for 24 hours or more last winter[1]	5 954	4 694	69	30	1 162	912	226	16	8
Equipment breakdowns	1 756	1 395	31	11	319	256	54	9	–
No breakdowns lasting 6 hours or more	112	77	–	–	35	29	6	–	–
1 time lasting 6 hours or more	975	775	9	9	182	150	32	1	–
2 times	283	216	9	1	57	47	9	1	–
3 times	122	100	8	1	14	10	4	–	–
4 times or more	167	148	6	–	13	11	–	3	–
Number of times not reported	97	79	–	1	17	9	4	4	–
Other causes	4 430	3 465	44	21	901	703	182	8	8
Utility interruption	1 738	1 209	7	4	518	434	80	1	4
Inadequate heating capacity	825	731	12	2	80	50	27	3	–
Inadequate insulation	498	427	7	10	54	37	17	–	–
Other	1 230	986	16	4	224	160	56	4	4
Not reported	139	111	2	1	25	23	2	–	–
Reason for discomfort not reported	30	30	–	–	–	–	–	–	–
Discomfort not reported	151	107	–	–	44	33	11	–	–
Electric Fuses and Circuit Breakers									
With electrical wiring	94 293	70 654	843	331	22 464	18 912	3 014	404	135
No fuses or breakers blown in last 3 mo.	81 037	60 286	710	276	19 765	16 724	2 552	361	128
With fuses or breakers blown in last 3 mo.	12 301	9 672	119	48	2 463	1 990	433	36	3
1 time	6 385	5 016	44	24	1 301	1 066	223	11	1
2 times	2 637	2 099	34	11	493	374	113	5	2
3 times	1 063	842	9	6	206	174	25	7	–
4 times or more	1 569	1 223	29	7	310	253	50	7	–
Number of times not reported	646	491	3	–	152	123	23	6	–
Problem not reported or don't know	955	696	15	7	237	198	29	7	4

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**94 314**	**70 668**	**843**	**331**	**22 472**	**18 920**	**3 014**	**404**	**135**
Selected Amenities[1]									
Porch, deck, balcony, or patio	73 256	54 047	522	247	18 440	15 963	2 198	248	30
Not reported	133	106	2	–	25	20	–	4	–
Telephone available	88 318	66 426	712	307	20 873	17 900	2 513	338	121
Usable fireplace	30 373	21 149	125	90	9 009	8 761	167	66	14
Separate dining room	43 772	33 487	203	205	9 876	9 110	671	82	13
With 2 or more living rooms or recreation rooms, etc.	30 998	23 756	121	146	6 974	6 559	330	75	10
Garage or carport included with home	56 266	43 058	269	150	12 789	11 896	716	148	29
Garage or carport not included	37 849	27 461	574	180	9 634	6 981	2 294	254	106
Offstreet parking included	29 129	19 889	367	118	8 755	6 378	2 097	201	80
Offstreet parking not reported	186	117	8	–	62	58	4	–	–
Garage or carport not reported	199	148	–	2	49	44	3	2	–
Cars and Trucks Available[1]									
No cars, trucks, or vans	9 450	7 914	174	35	1 327	881	295	82	69
Other households without cars	5 897	4 180	73	22	1 623	1 286	293	41	2
1 car with or without trucks or vans	46 292	34 445	416	153	11 278	9 234	1 808	183	53
2 cars	26 070	18 941	140	85	6 905	6 313	515	71	6
3 or more cars	6 604	5 188	40	36	1 339	1 205	102	27	5
With cars, no trucks or vans	51 196	38 461	433	189	12 113	10 468	1 426	168	52
1 truck or van with or without cars	27 047	19 491	213	85	7 259	6 080	1 049	118	11
2 or more trucks or vans	6 620	4 802	22	22	1 774	1 491	244	37	3
Owner or Manager on Property									
Rental, multiunit[2]	23 081	16 900	843	98	5 240	4 972	17	163	88
Owner or manager lives on property	7 505	5 319	190	19	1 977	1 925	–	29	23
Neither owner nor manager lives on property	12 106	9 123	414	41	2 528	2 333	17	121	57
Not reported	3 469	2 457	240	38	734	714	–	12	8
Selected Deficiencies[1]									
Signs of rats in last 3 months	2 568	2 080	26	22	440	248	167	25	–
Holes in floors	1 148	881	24	10	232	101	119	12	–
Open cracks or holes (interior)	4 382	3 705	81	25	569	359	174	30	6
Broken plaster or peeling paint (interior)	3 486	3 089	66	25	306	185	86	32	4
No electrical wiring	21	14	–	–	8	8	–	–	–
Exposed wiring	1 571	1 338	25	5	202	146	50	6	–
Rooms without electric outlets	1 671	1 419	22	5	225	159	52	10	4
Water Leakage During Last 12 Months									
No leakage from inside structure	83 471	62 263	696	283	20 228	17 122	2 631	353	121
With leakage from inside structure[1]	10 725	8 312	145	48	2 220	1 776	383	47	14
Fixtures backed up or overflowed	3 772	2 926	55	22	769	611	148	7	4
Pipes leaked	4 964	3 936	65	21	942	699	200	34	10
Other or unknown (includes not reported)	2 354	1 766	27	6	555	502	46	7	–
Interior leakage not reported	119	92	2	–	24	21	–	3	–
No leakage from outside structure	77 185	56 891	700	234	19 360	16 509	2 394	329	129
With leakage from outside structure[1]	16 993	13 683	141	97	3 072	2 374	620	72	6
Roof	7 103	5 591	57	38	1 416	969	411	32	4
Basement	6 340	5 738	48	42	513	477	2	32	2
Walls, closed windows, or doors	3 034	2 080	40	13	902	729	167	6	–
Other or unknown (includes not reported)	1 765	1 261	13	12	479	381	85	14	–
Exterior leakage not reported	136	93	2	–	40	37	–	3	–
Overall Opinion of Structure									
1 (worst)	532	450	14	2	65	25	35	5	–
2	328	269	–	1	58	32	20	6	–
3	696	557	10	2	126	45	76	5	–
4	914	766	17	4	127	78	42	7	–
5	5 933	4 708	104	18	1 104	625	427	40	11
6	4 533	3 751	48	17	716	477	212	22	5
7	10 446	8 222	133	36	2 055	1 564	417	54	20
8	22 735	17 633	202	101	4 798	4 014	644	104	37
9	14 580	10 747	109	51	3 674	3 408	231	22	12
10 (best)	32 865	22 987	202	93	9 584	8 535	870	129	49
Not reported	752	577	3	6	166	116	40	9	–
Selected Physical Problems									
Severe physical problems[1]	1 829	1 435	58	11	326	235	57	20	14
Plumbing	1 315	992	49	5	269	208	30	17	14
Heating	289	248	14	1	27	21	4	3	–
Electric	66	55	–	–	11	8	3	–	–
Upkeep	208	170	7	5	26	6	20	–	–
Hallways	5	5	–	1	–	–	–	–	–
Moderate physical problems[1]	4 119	3 416	55	18	629	285	274	34	35
Plumbing	273	226	1	–	47	26	14	8	–
Heating	1 513	1 260	10	4	240	65	164	7	3
Upkeep	1 824	1 569	27	13	215	109	93	13	–
Hallways	47	39	8	–	–	–	–	–	–
Kitchen	685	524	11	2	148	88	18	11	32

[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. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**94 314**	**70 668**	**843**	**331**	**22 472**	**18 920**	**3 014**	**404**	**135**
Overall Opinion of Neighborhood									
1 (worst)	1 374	1 146	24	11	193	143	41	9	–
2	871	660	20	6	185	130	41	9	4
3	1 268	1 037	13	9	209	157	50	3	–
4	1 769	1 446	17	11	295	219	65	7	4
5	7 085	5 687	79	31	1 288	976	254	38	20
6	4 756	3 828	53	20	856	710	117	19	10
7	9 966	7 752	104	43	2 066	1 748	249	47	21
8	20 462	15 570	183	77	4 632	4 019	518	82	14
9	13 533	9 968	94	45	3 425	3 020	352	47	7
10 (best)	31 567	22 434	236	72	8 824	7 453	1 188	128	55
No neighborhood	758	475	7	1	275	186	85	5	–
Not reported	905	666	12	5	222	158	54	10	–
Neighborhood Conditions									
With neighborhood	92 650	69 527	823	326	21 975	18 576	2 875	389	135
No problems	57 251	42 446	479	148	14 179	11 856	1 977	258	88
With problems[1]	35 220	26 951	344	175	7 750	6 676	895	131	47
Crime	6 597	5 463	82	49	1 004	913	67	14	11
Noise	7 359	5 778	112	36	1 432	1 193	184	50	6
Traffic	6 827	5 436	99	35	1 257	1 090	129	34	3
Litter or housing deterioration	3 993	3 365	40	24	564	449	96	16	2
Poor city or county services	1 227	912	14	7	295	274	18	2	–
Undesirable commercial, institutional, industrial	1 377	1 105	21	9	242	187	45	6	4
People	11 555	8 867	108	52	2 528	2 147	329	44	8
Other	9 781	7 023	51	54	2 653	2 356	255	17	25
Type of problem not reported	483	323	5	3	152	125	26	–	1
Presence of problems not reported	180	130	–	3	46	43	3	–	–
Description of Area Within 300 Feet[1]									
Single-family detached houses	8 198	6 386	540	39	1 233	1 131	13	59	29
Only single-family detached	–	–	–	–	–	–	–	–	–
Single-family attached or 1 to 3 story multiunit	15 900	11 604	396	64	3 836	3 711	–	95	30
4 to 6 story multiunit	3 891	3 342	49	26	475	395	4	57	19
7 stories or more multiunit	1 979	1 771	8	13	187	157	4	22	4
Mobile homes	195	125	11	–	60	49	–	6	4
Commercial, institutional, or industrial	6 708	5 383	213	41	1 072	934	4	100	34
Residential parking lots	6 392	4 494	64	22	1 813	1 751	–	27	35
Body of water	963	644	24	4	291	288	–	3	–
Open space, park, farm, or ranch	4 378	2 892	130	21	1 335	1 269	4	49	13
4+ lane highway, railroad, or airport	2 350	1 744	49	10	546	526	14	7	–
Other	1 241	951	31	8	250	231	–	17	2
Not observed or not reported	1 413	934	77	5	397	377	–	2	18
Age of Other Residential Buildings Within 300 Feet									
Older	1 379	855	19	1	504	496	7	1	–
About the same	15 924	11 822	552	70	3 480	3 346	–	92	43
Newer	504	403	50	5	46	44	–	–	2
Very mixed	2 997	2 368	95	16	519	449	11	49	10
No other residential buildings	786	495	40	1	251	217	–	17	17
Not reported	1 477	957	75	5	440	421	–	2	17
Mobile Homes in Group									
Mobile homes	6 227	1 147	–	2	5 078	2 229	2 849	–	–
1 to 6	3 977	527	–	1	3 449	1 489	1 961	–	–
7 to 20	424	62	–	–	362	152	210	–	–
21 or more	1 819	559	–	1	1 259	588	671	–	–
Not reported	7	–	–	–	7	–	7	–	–
Other Buildings Vandalized or With Interior Exposed									
None	19 828	14 591	670	84	4 483	4 265	17	144	58
1 building	372	307	20	3	42	41	–	1	–
More than 1 building	738	629	31	3	74	57	–	13	4
No buildings within 300 feet	384	208	20	–	155	151	–	–	4
Not reported	1 747	1 165	89	7	485	459	–	5	22
Bars on Windows of Buildings									
With other buildings within 300 feet	20 938	15 527	721	91	4 599	4 362	17	158	62
No bars on windows	17 259	12 312	610	61	4 276	4 102	14	122	38
1 building with bars	485	413	12	4	56	52	–	–	4
2 or more buildings with bars	3 080	2 704	97	23	255	196	4	35	20
Not reported	113	97	2	2	12	12	–	–	–
Condition of Streets									
No repairs needed	16 309	11 817	568	67	3 857	3 676	17	112	52
Minor repairs needed	4 416	3 516	160	22	718	665	–	42	11
Major repairs needed	539	445	15	4	76	64	–	6	5
No streets within 300 feet	412	221	13	–	179	176	–	–	3
Not reported	1 392	902	75	5	410	392	–	2	17
Trash, Litter, or Junk on Streets or any Properties									
None	15 783	11 082	534	57	4 110	3 940	13	105	51
Minor accumulation	5 254	4 361	197	31	664	594	4	52	15
Major accumulation	646	551	23	4	68	60	–	3	5
Not reported	1 386	906	78	5	397	379	–	2	17

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	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	**245 872**	**182 879**	**1 857**	**1 117**	**60 019**	**51 424**	**7 364**	**991**	**240**
Total	**94 314**	**70 668**	**843**	**331**	**22 472**	**18 920**	**3 014**	**404**	**135**
Persons									
1 person	22 638	17 555	311	40	4 731	3 718	834	110	70
2 persons	31 310	23 507	268	83	7 452	6 227	1 049	130	46
3 persons	16 255	11 963	124	72	4 096	3 539	486	68	4
4 persons	14 356	10 277	88	59	3 932	3 471	380	69	11
5 persons	6 289	4 656	29	37	1 566	1 378	167	19	2
6 persons	2 186	1 654	17	19	497	408	79	7	2
7 persons or more	1 280	1 055	5	21	198	180	18	–	–
Median	**2.3**	**2.3**	**1.9**	**3.1**	**2.4**	**2.4**	**2.1**	**2.2**	**1.5-**
Number of Single Children Under 18 Years Old									
None	59 282	45 810	576	171	12 726	10 540	1 844	221	121
1	14 596	10 362	113	50	4 071	3 401	565	104	1
2	13 050	9 076	104	58	3 812	3 384	364	55	9
3	5 182	3 707	27	33	1 415	1 218	175	20	2
4	1 535	1 153	15	12	355	296	54	4	2
5	463	380	8	6	69	56	13	–	–
6 or more	205	179	–	1	24	24	–	–	–
Median	**.5-**	**.5-**	**.5-**	**.5-**	**.5-**	**.5-**	**.5-**	**.5-**	**.5-**
Persons 65 Years Old and Over									
None	70 771	50 977	712	251	18 830	16 052	2 336	350	92
1 person	15 718	13 124	108	53	2 432	1 851	498	40	43
2 persons or more	7 825	6 567	22	27	1 210	1 016	180	13	–
Age of Householder									
Under 25 years	4 360	2 909	87	17	1 346	1 064	220	49	13
25 to 29	7 851	5 092	126	22	2 611	2 202	342	53	14
30 to 34	10 568	7 007	152	28	3 381	2 882	401	80	18
35 to 44	21 464	15 070	151	99	6 143	5 427	596	96	24
45 to 54	16 170	12 344	111	63	3 651	3 118	464	56	14
55 to 64	12 238	10 022	95	39	2 082	1 700	352	17	14
65 to 74	12 124	10 188	68	28	1 840	1 465	341	24	10
75 years and over	9 539	8 035	51	34	1 419	1 064	298	29	28
Median	**47**	**49**	**39**	**45**	**41**	**41**	**44**	**37**	**44**
Household Composition by Age of Householder									
2-or-more person households	71 676	53 112	532	291	17 741	15 202	2 180	294	65
Married-couple families, no nonrelatives	50 601	37 203	224	195	12 979	11 377	1 422	165	15
Under 25 years	1 328	809	16	6	497	370	111	16	–
25 to 29 years	3 863	2 335	31	7	1 492	1 224	232	36	–
30 to 34 years	5 929	3 846	48	17	2 018	1 816	177	19	6
35 to 44 years	12 916	8 779	42	68	4 027	3 658	316	51	2
45 to 64 years	17 426	13 795	69	62	3 501	3 107	356	31	8
65 years and over	9 139	7 640	20	36	1 444	1 202	230	12	–
Other male householder	7 528	5 424	110	30	1 964	1 587	295	56	25
Under 45 years	4 768	3 275	75	14	1 405	1 149	181	56	19
45 to 64 years	1 839	1 363	28	11	438	331	105	–	1
65 years and over	920	786	8	5	121	107	10	–	5
Other female householder	13 547	10 486	197	66	2 798	2 238	463	73	24
Under 45 years	7 956	5 809	133	34	1 981	1 616	297	49	19
45 to 64 years	3 577	2 874	43	22	637	495	120	17	5
65 years and over	2 014	1 803	21	10	181	127	46	7	–
1-person households	22 638	17 555	311	40	4 731	3 718	834	110	70
Male householder	8 978	6 740	164	22	2 051	1 608	344	69	31
Under 45 years	4 547	3 185	122	16	1 225	996	172	43	13
45 to 64 years	2 369	1 805	35	4	525	386	103	23	13
65 years and over	2 062	1 751	7	2	301	225	70	3	4
Female householder	13 660	10 815	146	18	2 680	2 110	489	41	40
Under 45 years	2 935	2 041	52	6	837	744	74	8	10
45 to 64 years	3 197	2 531	31	3	632	498	131	2	–
65 years and over	7 528	6 243	64	10	1 211	868	284	30	29
Adults and Single Children Under 18 Years Old									
Total households with children	35 032	24 858	267	161	9 746	8 380	1 170	182	14
Married couples	24 404	16 853	117	114	7 320	6 464	750	99	8
One child under 6 only	3 676	2 295	31	12	1 338	1 174	150	15	–
One under 6, one or more 6 to 17	4 236	2 898	18	20	1 301	1 181	108	13	–
Two or more under 6 only	2 506	1 592	20	9	885	773	97	14	–
Two or more under 6, one or more 6 to 17	1 323	956	7	12	348	300	47	–	2
One or more 6 to 17 only	12 662	9 112	41	60	3 448	3 037	349	57	6
Other households with two or more adults	4 841	3 742	49	24	1 027	836	150	41	–
One child under 6 only	935	712	1	6	217	162	46	8	–
One under 6, one or more 6 to 17	727	527	14	2	185	155	14	15	–
Two or more under 6 only	335	248	10	–	76	72	4	–	–
Two or more under 6, one or more 6 to 17	291	228	–	1	61	43	18	–	–
One or more 6 to 17 only	2 554	2 027	24	14	489	404	68	17	–
Households with one adult or none	5 787	4 263	101	23	1 399	1 080	269	43	6
One child under 6 only	815	554	14	2	245	171	66	9	–
One under 6, one or more 6 to 17	850	630	18	5	196	142	51	3	–
Two or more under 6 only	400	328	2	–	69	50	16	3	–
Two or more under 6, one or more 6 to 17	290	239	8	1	42	33	9	–	–
One or more 6 to 17 only	3 432	2 513	58	14	846	684	127	29	6
Total households with no children	59 282	45 810	576	171	12 726	10 540	1 844	221	121
Married couples	26 598	20 634	110	87	5 766	5 008	684	66	8
Other households with two or more adults	10 045	7 619	155	43	2 228	1 813	326	45	43
Households with one adult	22 639	17 557	311	40	4 731	3 718	834	110	70

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	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	62 403	48 393	591	189	13 230	10 931	1 942	230	127
With own children under 18 years	31 911	22 274	252	143	9 242	7 989	1 071	174	8
Under 6 years only	7 662	4 911	75	27	2 648	2 262	342	44	–
1	4 653	2 924	47	18	1 664	1 408	228	27	–
2	2 547	1 671	25	9	841	736	96	9	–
3 or more	463	316	4	–	143	118	17	7	–
6 to 17 years only	17 523	12 720	115	79	4 608	3 990	506	106	6
1	8 417	6 177	61	26	2 153	1 798	284	71	–
2	6 506	4 630	42	32	1 802	1 614	156	28	4
3 or more	2 600	1 914	12	21	653	578	67	7	2
Both age groups	6 726	4 643	61	36	1 986	1 737	224	23	2
2	3 167	2 084	32	14	1 037	930	90	18	–
3 or more	3 560	2 559	29	23	949	807	134	6	2
Persons Other Than Spouse or Children[1]									
With other relatives	21 033	16 922	136	114	3 861	3 257	512	77	15
Single adult offspring 18 to 29	11 459	9 280	65	60	2 054	1 746	262	39	6
Single adult offspring 30 years of age or over	3 385	3 021	13	23	328	244	77	6	–
Households with three generations	2 182	1 798	6	15	363	290	65	8	–
Households with 1 subfamily	2 267	1 879	13	14	361	293	60	7	–
Subfamily householder age under 30	1 193	959	4	6	224	169	48	7	–
30 to 64	966	852	10	6	99	90	9	–	–
65 and over	109	69	–	2	38	34	3	–	–
Households with 2 or more subfamilies	108	95	–	1	13	10	3	–	–
Households with other types of relatives	7 187	5 510	55	45	1 577	1 345	186	37	9
With non-relatives	6 582	4 723	111	33	1 715	1 395	228	52	41
Co-owners or co-renters	2 566	1 821	52	13	680	564	54	34	29
Lodgers	...	...	...	...	...	...	...	...	...
Unrelated children, under 18 years old	910	725	4	9	172	150	22	–	–
Other non-relatives	1 631	1 179	27	7	417	332	72	12	1
One or more secondary families	561	415	4	6	135	119	16	–	–
2-person households, none related to each other	3 686	2 538	71	11	1 067	870	131	30	36
3-8 person households, none related to each other	637	503	8	8	117	98	14	–	5
Years of School Completed by Householder									
No school years completed	319	270	2	2	44	15	26	–	4
Elementary:									
less than 8 years	4 268	3 519	42	23	684	393	255	29	6
8 years	3 892	3 250	14	14	615	392	214	9	–
High School:									
1 to 3 years	10 016	7 941	100	22	1 953	1 234	638	46	35
4 years	33 643	25 369	356	94	7 824	6 238	1 356	199	30
College:									
1 to 3 years	18 664	13 677	166	85	4 736	4 282	367	67	21
4 years or more	23 513	16 642	162	92	6 616	6 366	157	53	40
Median	**12.9**	**12.8**	**12.7**	**13.8**	**13.1**	**14.0**	**12.3**	**12.6**	**12.8**
Year Householder Moved Into Unit									
1990 to 1994	36 480	23 317	411	92	12 660	11 029	1 308	261	63
1985 to 1989	19 787	12 949	98	57	6 683	5 774	792	78	39
1980 to 1984	8 846	6 375	36	33	2 401	1 982	372	41	5
1975 to 1979	8 548	8 147	35	27	339	65	270	5	–
1970 to 1974	5 936	5 638	33	24	242	36	173	11	22
1960 to 1969	7 641	7 442	55	32	111	24	73	9	5
1950 to 1959	4 616	4 449	100	38	29	7	22	–	–
1940 to 1949	1 708	1 601	74	28	4	1	3	–	–
1939 or earlier	752	748	–	1	3	3	–	–	–
Median	**1980**	**1977**	**1968**	**1974**	**1986**	**1986**	**1984**	**1985**	**1985**
Household Moves and Formation in Last Year									
Total with a move in last year	18 656	12 310	295	67	5 984	5 059	710	174	40
Household all moved here from one unit	12 506	7 907	198	33	4 367	3 723	500	126	18
Householder of previous unit did not move here	2 497	1 702	56	8	731	573	107	36	14
Householder of previous unit moved here	9 665	5 993	137	25	3 509	3 038	378	89	4
Householder of previous unit not reported	344	212	5	–	127	112	14	1	–
Household moved here from two or more units	2 220	1 429	44	13	734	606	85	32	11
No previous householder moved here	604	343	12	3	245	195	37	9	4
1 previous householder moved here	403	245	6	4	147	115	20	11	2
2 or more previous householders moved here	1 000	700	23	5	271	230	24	11	5
Previous householder(s) not reported	214	140	3	–	70	67	3	1	–
Some already here, rest moved in	3 900	2 953	52	21	874	721	125	16	11
No previous householder moved here	1 370	1 096	17	6	251	186	52	9	4
1 or more previous householders moved here	1 979	1 449	26	11	493	422	61	7	2
Previous householder(s) not reported	551	408	9	4	130	113	12	–	5
Number of previous units not reported	30	21	–	–	9	9	–	–	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**94 314**	**70 668**	**843**	**331**	**22 472**	**18 920**	**3 014**	**404**	**135**
Household Income									
Less than $5,000	5 231	4 120	65	15	1 032	708	250	52	21
$5,000 to $9,999	9 353	7 406	107	26	1 814	1 150	549	81	33
$10,000 to $14,999	8 592	6 742	140	23	1 687	1 120	509	41	16
$15,000 to $19,999	7 571	5 761	103	21	1 685	1 186	457	21	22
$20,000 to $24,999	7 784	6 078	67	27	1 612	1 247	314	44	7
$25,000 to $29,999	8 906	6 905	85	20	1 895	1 598	264	27	6
$30,000 to $34,999	6 317	4 669	43	24	1 581	1 320	218	32	11
$35,000 to $39,999	5 505	4 087	49	24	1 344	1 201	126	15	3
$40,000 to $49,999	9 429	6 963	68	41	2 357	2 191	143	16	8
$50,000 to $59,999	7 230	5 175	44	30	1 980	1 840	104	36	–
$60,000 to $79,999	8 758	6 201	35	30	2 491	2 412	58	13	8
$80,000 to $99,999	4 119	2 873	12	22	1 211	1 201	3	7	–
$100,000 to $119,999	2 280	1 530	16	8	725	701	9	15	–
$120,000 or more	3 241	2 156	8	20	1 056	1 043	11	3	–
Median	**29 843**	**28 785**	**20 504**	**37 120**	**34 779**	**39 703**	**17 177**	**20 681**	**13 952**
As percent of poverty level:									
Less than 50 percent	5 335	4 183	60	15	1 077	732	269	54	21
50 to 99	8 042	6 280	113	34	1 615	1 004	530	66	17
100 to 149	10 047	7 827	117	31	2 072	1 454	533	60	25
150 to 199	8 974	6 896	100	29	1 949	1 435	461	30	24
200 percent or more	61 915	45 482	452	223	15 758	14 295	1 220	194	49
Income of Families and Primary Individuals									
Less than $5,000	5 693	4 444	73	21	1 155	797	273	56	29
$5,000 to $9,999	9 843	7 795	126	24	1 898	1 202	575	81	38
$10,000 to $14,999	9 002	7 030	139	26	1 806	1 209	523	49	25
$15,000 to $19,999	7 751	5 914	111	25	1 701	1 219	444	24	14
$20,000 to $24,999	7 932	6 174	66	26	1 666	1 310	311	43	2
$25,000 to $29,999	9 016	6 963	87	21	1 945	1 663	258	17	7
$30,000 to $34,999	6 254	4 604	37	22	1 591	1 339	212	33	7
$35,000 to $39,999	5 394	3 986	47	23	1 337	1 200	118	15	5
$40,000 to $49,999	9 053	6 701	58	36	2 259	2 106	130	16	8
$50,000 to $59,999	6 859	4 891	43	30	1 895	1 767	96	32	–
$60,000 to $79,999	8 272	5 837	26	30	2 379	2 313	54	12	–
$80,000 to $99,999	3 938	2 778	12	18	1 129	1 123	–	7	–
$100,000 to $119,999	2 198	1 483	12	9	693	669	9	15	–
$120,000 or more	3 110	2 067	8	19	1 016	1 002	11	3	–
Median	**28 847**	**27 855**	**18 785**	**35 122**	**33 345**	**38 001**	**16 521**	**18 119**	**10 122**
Income Sources of Families and Primary Individuals									
Wages and salaries	68 088	49 398	629	261	17 799	15 345	2 113	284	57
Wages and salaries were majority of income	60 738	43 629	559	236	16 315	14 107	1 893	261	55
2 or more people each earned over 20% of wages and salaries	23 363	16 670	121	113	6 459	5 798	555	96	11
Business, farm, or ranch	11 444	8 475	88	52	2 829	2 476	265	82	6
Social security or pensions	29 355	24 166	173	91	4 924	3 906	872	89	58
Interest	43 064	32 804	266	133	9 861	9 085	652	85	39
Stock dividend(s)	16 881	12 403	81	48	4 349	4 127	164	51	6
Rental income	11 224	8 340	200	64	2 620	2 308	213	58	40
With lodger(s)	...	...	...	...	...	...	...	...	...
Welfare or SSI	5 665	4 423	112	24	1 107	738	293	61	15
Alimony or child support	4 179	2 934	53	16	1 176	973	178	24	–
Other	13 011	9 754	133	47	3 077	2 504	496	53	24
Amount of Savings and Investments									
Income of $25,000 or less	42 090	32 832	529	128	8 601	6 029	2 191	265	116
No savings or investments	22 659	17 225	370	77	4 988	3 197	1 529	205	58
$25,000 or less	11 762	9 475	109	31	2 148	1 607	459	38	45
More than $25,000	3 306	2 846	17	9	435	338	94	3	–
Not reported	4 362	3 287	33	13	1 030	888	109	19	13
Food Stamps									
Income of $25,000 or less	42 090	32 832	529	128	8 601	6 029	2 191	265	116
Family members received food stamps	7 035	5 437	121	28	1 449	826	531	89	4
Did not receive food stamps	32 541	25 568	388	88	6 496	4 620	1 604	170	102
Not reported	2 514	1 826	19	12	656	583	56	7	10
Rent Reductions									
No subsidy or income reporting	26 651	20 041	579	92	5 940	4 792	834	225	90
Rent control	930	889	13	3	25	24	–	–	–
No rent control	25 707	19 143	565	89	5 910	4 762	834	224	90
Reduced by owner	1 729	1 382	54	6	288	167	94	27	–
Not reduced by owner	23 926	17 720	511	83	5 611	4 588	736	197	90
Owner reduction not reported	52	41	–	–	11	7	4	–	–
Rent control not reported	14	9	–	–	5	5	–	–	–
Owned by public housing authority	2 100	1 640	19	7	434	406	–	9	19
Other, Federal subsidy	1 565	1 134	18	6	407	340	33	25	9
Other, State or local subsidy	539	429	15	1	93	80	11	1	–
Other, income verification	523	400	7	2	114	108	4	–	2
Subsidy or income verification not reported	293	234	–	1	57	39	17	2	–

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**94 314**	**70 668**	**843**	**331**	**22 472**	**18 920**	**3 014**	**404**	**135**
Monthly Housing Costs									
Less than $100	1 614	1 097	16	1	499	216	261	10	12
$100 to $199	9 899	7 894	39	10	1 956	1 139	740	60	16
$200 to $249	6 059	4 911	59	14	1 076	675	336	49	15
$250 to $299	5 521	4 502	58	26	935	624	271	33	7
$300 to $349	5 188	4 215	66	13	894	621	221	50	2
$350 to $399	5 236	4 264	62	19	892	619	240	27	6
$400 to $449	5 158	4 014	68	29	1 048	806	219	22	–
$450 to $499	5 058	3 904	59	13	1 082	892	166	23	2
$500 to $599	9 112	6 982	92	24	2 014	1 834	155	22	2
$600 to $699	7 651	5 794	79	34	1 744	1 609	82	19	35
$700 to $799	5 847	4 292	56	28	1 471	1 427	29	6	9
$800 to $999	7 739	5 321	57	27	2 334	2 274	42	17	2
$1,000 to $1,249	5 260	3 412	26	32	1 791	1 754	20	17	–
$1,250 to $1,499	3 045	1 917	19	15	1 094	1 083	6	5	–
$1,500 or more	4 194	2 461	22	18	1 693	1 673	12	4	4
No cash rent	2 247	1 757	42	6	442	262	138	23	19
Mortgage payment not reported	5 486	3 932	23	25	1 506	1 412	75	16	3
Median (excludes no cash rent)	**496**	**470**	**468**	**609**	**593**	**674**	**262**	**329**	**383**
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	**522**	**479**	**632**	**745**	**686**	**798**	**231**	**359**	**...**
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	**260**	**224**	**350**	**464**	**409**	**508**	**100-**	**100-**	**...**
Monthly Housing Costs as Percent of Current Income									
Less than 5 percent	2 412	1 830	9	9	564	401	148	16	–
5 to 9 percent	9 241	7 401	30	29	1 780	1 331	396	46	8
10 to 14 percent	12 767	9 879	94	47	2 746	2 238	448	56	5
15 to 19 percent	14 103	10 452	86	42	3 523	3 042	445	27	9
20 to 24 percent	11 571	8 240	106	39	3 187	2 854	294	28	10
25 to 29 percent	8 852	6 364	70	18	2 400	2 112	252	30	6
30 to 34 percent	6 178	4 559	67	30	1 521	1 330	168	15	8
35 to 39 percent	4 139	3 047	51	23	1 018	862	114	40	2
40 to 49 percent	5 081	3 718	84	17	1 262	1 065	172	17	9
50 to 59 percent	2 803	2 145	62	6	590	524	48	15	2
60 to 69 percent	1 892	1 476	21	11	384	302	63	19	–
70 to 99 percent	2 810	2 181	40	5	584	431	99	29	25
100 percent or more[1]	3 568	2 767	49	23	728	593	97	13	25
Zero or negative income	1 164	919	7	2	235	161	57	14	4
No cash rent	2 247	1 757	42	6	442	262	138	23	19
Mortgage payment not reported	5 486	3 932	23	25	1 506	1 412	75	16	3
Median (excludes 3 previous lines)	**22**	**21**	**29**	**23**	**22**	**23**	**19**	**25**	**47**
Median (excludes 4 lines before medians)	**21**	**21**	**28**	**21**	**22**	**22**	**19**	**24**	**32**
Nonrelatives' Shared Housing Costs									
Nonrelatives in housing units	4 136	2 904	70	24	1 138	934	139	27	39
Less than $100 per month	1 826	1 312	33	8	473	387	71	5	11
$100 to $199	397	285	9	1	103	62	28	12	2
$200 to $299	616	443	11	5	157	130	18	9	–
$300 to $399	465	290	8	2	165	151	12	1	–
$400 or more per month	641	431	9	9	193	161	7	–	25
Not reported	191	145	–	–	47	43	4	–	–
Median	**137**	**124**	**125**	**...**	**170**	**195**	**50-**	**...**	**...**
Monthly Cost Paid for Electricity									
Electricity used	94 281	70 642	843	331	22 464	18 912	3 014	404	135
Less than $25	6 769	5 615	70	15	1 069	875	163	29	3
$25 to $49	24 260	18 823	223	69	5 145	4 119	906	113	7
$50 to $74	21 552	16 023	126	82	5 321	4 470	807	34	11
$75 to $99	13 907	9 908	99	54	3 846	3 350	441	44	12
$100 to $149	11 617	7 960	29	44	3 584	3 167	377	39	2
$150 to $199	3 998	2 747	14	10	1 228	1 095	108	25	–
$200 or more	2 200	1 555	5	11	629	573	38	18	–
Median	**63**	**61**	**49**	**68**	**70**	**71**	**61**	**57**	**67**
Included in rent, other fee, or obtained free	9 978	8 011	278	48	1 641	1 263	175	102	101
Monthly Cost Paid for Piped Gas									
Piped gas used	58 576	47 913	612	250	9 801	8 582	952	191	76
Less than $25	13 134	10 139	118	37	2 839	2 442	340	41	16
$25 to $49	19 191	15 413	117	47	3 615	3 181	377	53	5
$50 to $74	10 171	8 735	64	53	1 319	1 228	79	4	7
$75 to $99	3 711	3 215	35	29	432	417	10	6	–
$100 to $149	1 844	1 591	26	23	204	187	9	2	6
$150 to $199	465	426	2	8	28	27	1	–	–
$200 or more	370	314	2	5	49	47	1	1	–
Median	**40**	**41**	**39**	**58**	**35**	**35**	**30**	**31**	**28**
Included in rent, other fee, or obtained free	9 691	8 080	247	49	1 315	1 055	134	84	42

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	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	13 375	11 829	184	66	1 295	997	199	79	20
Less than $25	1 312	1 135	8	5	165	109	56	–	–
$25 to $49	2 525	2 193	18	8	306	221	67	13	5
$50 to $74	2 924	2 594	35	8	287	237	45	5	–
$75 to $99	1 622	1 454	12	10	147	136	7	3	–
$100 to $149	1 341	1 217	9	13	101	88	5	8	–
$150 to $199	359	333	–	7	19	19	–	–	–
$200 or more	242	212	–	6	24	19	–	1	4
Median	**61**	**62**	**61**	**95**	**55**	**59**	**38**	**59**	**...**
Included in rent, other fee, or obtained free	3 050	2 691	102	10	247	169	19	48	11
Property Insurance									
Property insurance paid	67 325	50 544	297	241	16 244	14 568	1 478	170	27
Median per month	**30**	**29**	**28**	**36**	**30**	**31**	**20**	**30**	**...**
Monthly Costs Paid for Selected Utilities and Fuels									
Water paid separately	47 622	37 048	234	182	10 158	9 074	966	105	12
Median	**23**	**23**	**24**	**29**	**24**	**24**	**19**	**21**	**...**
Trash paid separately	35 725	27 076	187	99	8 363	7 371	908	77	7
Median	**14**	**14**	**12**	**10**	**15**	**15**	**10**	**11**	**...**
Bottled gas paid separately	7 093	4 450	38	20	2 584	1 518	1 008	54	4
Median	**47**	**47**	**...**	**...**	**48**	**49**	**44**	**83**	**...**
Other fuel paid separately	11 768	8 216	60	31	3 461	2 713	711	32	5
Median	**12**	**13**	**10-**	**...**	**10**	**10-**	**21**	**...**	**...**
OWNER OCCUPIED UNITS									
Total	**62 644**	**46 790**	**205**	**222**	**15 427**	**13 156**	**2 115**	**141**	**15**
Cost and Ownership Sharing									
Ownership shared by person not living here	2 226	1 718	5	6	497	352	132	12	–
Costs shared by person not living here	377	270	–	2	105	79	18	8	–
Costs not shared	1 844	1 446	5	4	389	271	114	4	–
Cost sharing not reported	5	2	–	–	2	2	–	–	–
Ownership not shared	59 653	44 527	188	213	14 724	12 626	1 967	124	7
Costs shared by person not living here	269	224	–	1	44	42	2	–	–
Costs not shared	59 254	44 203	188	213	14 650	12 554	1 965	124	7
Cost sharing not reported	129	99	–	–	30	30	–	–	–
Ownership sharing not reported	765	545	12	2	206	178	16	5	8
Monthly Payment for Principal and Interest									
Less than $100	622	549	–	1	72	45	27	–	–
$100 to $199	2 870	2 312	5	9	544	355	184	6	–
$200 to $249	2 159	1 640	11	13	495	416	78	–	–
$250 to $299	2 232	1 742	4	6	479	399	77	3	–
$300 to $349	2 148	1 687	5	10	446	400	43	3	–
$350 to $399	2 061	1 623	7	9	422	389	33	–	–
$400 to $449	2 163	1 644	4	11	504	470	31	–	2
$450 to $499	1 994	1 445	3	15	532	513	8	10	–
$500 to $599	3 597	2 517	14	6	1 060	1 031	26	2	–
$600 to $699	2 679	1 653	7	14	1 005	991	8	6	–
$700 to $799	2 145	1 355	12	12	766	755	5	6	–
$800 to $999	2 832	1 673	7	6	1 145	1 131	11	3	–
$1,000 to $1,249	2 056	1 196	14	11	836	835	–	1	–
$1,250 to $1,499	1 025	588	2	3	432	427	–	1	4
$1,500 or more	1 345	755	7	8	575	568	7	–	–
Not reported	5 486	3 932	23	25	1 506	1 412	75	16	3
Median	**493**	**450**	**589**	**476**	**610**	**635**	**238**	**494**	**...**
Average Monthly Cost Paid for Real Estate Taxes									
Less than $25	11 150	7 255	12	19	3 864	2 234	1 573	53	4
$25 to $49	10 483	8 389	30	30	2 034	1 689	304	40	1
$50 to $74	8 703	7 004	23	30	1 646	1 558	86	2	–
$75 to $99	6 470	5 077	22	32	1 338	1 293	39	6	–
$100 to $149	10 137	7 650	34	39	2 414	2 352	46	10	6
$150 to $199	5 911	4 464	28	26	1 393	1 352	26	11	4
$200 or more	9 791	6 950	57	45	2 739	2 678	41	20	–
Median	**79**	**79**	**124**	**99**	**78**	**96**	**25-**	**36**	**...**
Annual Taxes Paid Per $1,000 Value									
Less than $5	10 145	7 511	26	33	2 575	1 865	655	51	4
$5 to $9	16 228	11 954	46	53	4 176	3 706	421	48	1
$10 to $14	15 008	10 923	30	36	4 020	3 777	229	6	7
$15 to $19	7 993	6 161	20	40	1 773	1 608	152	12	–
$20 to $24	5 371	4 189	22	18	1 143	1 003	127	13	–
$25 or more	7 898	6 052	61	43	1 741	1 197	531	11	3
Median	**12**	**12**	**15**	**14**	**11**	**11**	**10**	**7**	**...**
Routine Maintenance in Last Year									
Less than $25 per month	40 995	29 805	104	98	10 989	9 138	1 749	95	7
$25 to $49	10 656	8 404	44	54	2 154	1 954	186	14	–
$50 to $74	2 178	1 717	5	19	437	402	24	12	–
$75 to $99	2 856	2 249	10	15	583	520	56	7	–
$100 to $149	1 239	942	5	4	289	274	9	6	–
$150 to $199	1 132	891	12	11	218	209	9	–	–
$200 or more per month	1 369	1 055	1	12	301	285	16	–	–
Not reported	2 219	1 728	25	10	457	374	67	7	8
Median	**25-**	**25-**	**25-**	**29**	**25-**	**25-**	**25-**	**25-**	**...**

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	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	2 499	1 426	–	8	1 065	1 064	–	–	–
Less than $25 per month	43	26	–	–	17	17	–	–	–
$25 to $49	76	27	–	–	49	49	–	–	–
$50 to $74	222	80	–	–	142	142	–	–	–
$75 to $99	302	122	–	–	179	179	–	–	–
$100 to $149	692	363	–	1	328	328	–	–	–
$150 to $199	463	286	–	2	175	175	–	–	–
$200 or more per month	592	456	–	2	133	133	–	–	–
Not reported	109	65	–	2	42	42	–	–	–
Median	**140**	**161**	**...**	**...**	**119**	**119**	**...**	**...**	**...**
Other Housing Costs Per Month									
Homeowner association fee paid	2 194	1 180	–	6	1 008	1 008	–	–	–
Median	**135**	**149**	**...**	**...**	**119**	**119**	**...**	**...**	**...**
Mobile home park fee paid	189	73	–	–	116	66	50	–	–
Median	**56**	**61**	**...**	**...**	**55**	**100**	**31**	**...**	**...**
Land rent fee paid	76	64	–	1	11	11	–	–	–
Median	**22**	**19**	**...**	**...**	**...**	**...**	**...**	**...**	**...**

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**62 644**	**46 790**	**205**	**222**	**15 427**	**13 156**	**2 115**	**141**	**15**
Tenure									
Owner occupied	62 644	46 790	205	222	15 427	13 156	2 115	141	15
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	56 438	42 004	187	187	14 061	12 004	1 908	134	15
Non-Hispanic	53 790	40 024	180	176	13 410	11 490	1 778	127	15
Hispanic	2 648	1 980	7	12	650	514	130	7	–
Black	4 627	3 750	9	27	841	669	167	5	–
Other	1 579	1 036	9	8	526	483	41	2	–
Total Hispanic	2 861	2 137	7	13	704	547	151	7	–
Units in Structure									
1, detached	51 473	41 577	–	168	9 728	9 456	144	121	7
1, attached	2 820	1 799	–	14	1 006	998	–	8	–
2 to 4	1 764	1 290	200	28	246	235	–	6	4
5 to 9	395	238	5	3	149	143	–	6	–
10 to 19	351	188	–	–	163	160	–	–	3
20 to 49	340	256	–	–	84	84	–	–	–
50 or more	580	481	–	7	92	92	–	–	–
Mobile home or trailer	4 922	961	–	2	3 959	1 988	1 971	–	–
Cooperatives and Condominiums									
Cooperatives	406	357	–	3	46	28	18	–	–
Condominiums	2 537	1 413	2	7	1 116	1 115	–	–	–
Year Structure Built[1]									
1990 to 1994	3 726	–	–	–	3 726	3 721	4	–	–
1985 to 1989	5 200	–	–	–	5 200	5 189	11	–	–
1980 to 1984	4 579	271	–	–	4 308	4 245	58	–	4
1975 to 1979	7 134	6 271	9	12	841	–	769	65	7
1970 to 1974	6 286	5 572	13	5	694	–	694	–	–
1960 to 1969	9 946	9 421	22	23	479	–	464	16	–
1950 to 1959	9 404	9 258	45	26	75	–	68	6	–
1940 to 1949	4 861	4 770	20	28	42	–	29	14	–
1930 to 1939	3 517	3 299	87	113	18	–	6	11	–
1920 to 1929	2 859	2 831	3	4	21	–	5	16	–
1919 or earlier	5 133	5 097	5	9	22	–	5	14	3
Median	**1964**	**1958**	**1944**	**1939**	**1984**	**1985**	**1973**	**1966**	**...**
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	46 824	35 235	175	174	11 239	10 105	1 081	42	11
In central cities	14 686	12 354	62	111	2 159	2 045	101	9	4
Suburbs	32 138	22 881	114	64	9 080	8 060	980	33	6
Outside metropolitan statistical areas	15 820	11 555	30	48	4 188	3 051	1 034	99	4
Regions									
Northeast	11 973	9 866	85	90	1 932	1 741	166	17	7
Midwest	16 383	13 508	54	64	2 756	2 457	256	41	2
South	22 365	14 988	27	39	7 311	5 993	1 241	72	5
West	11 923	8 428	39	29	3 428	2 965	452	11	–
Urbanized Areas									
Inside urbanized areas	34 594	28 124	127	151	6 192	5 817	362	9	4
In central cities of (P)MSA's	14 346	12 168	61	111	2 006	1 894	100	9	4
Urban fringe	20 248	15 956	67	40	4 185	3 923	262	–	–
Outside urbanized areas	28 050	18 666	77	71	9 236	7 339	1 753	132	11
Other urban	7 489	5 956	18	34	1 482	1 276	180	22	4
Rural	20 561	12 710	59	38	7 754	6 063	1 574	110	6
Place Size[2]									
Less than 2,500 persons	3 382	2 821	29	13	519	378	123	17	–
2,500 to 9,999 persons	6 469	5 352	32	24	1 061	894	145	18	4
10,000 to 19,999 persons	5 694	4 832	8	21	833	745	83	4	–
20,000 to 49,999 persons	8 138	6 787	30	27	1 293	1 211	74	5	4
50,000 to 99,999 persons	4 931	4 180	13	18	720	671	49	–	–
100,000 to 249,999 persons	4 033	3 263	13	13	744	710	34	–	–
250,000 to 499,999 persons	2 485	2 141	9	14	322	304	17	1	–
500,000 to 999,999 persons	2 206	1 847	6	20	333	321	13	–	–
1,000,000 persons or more	2 487	2 281	19	45	142	126	13	3	–

[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. **1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**62 644**	**46 790**	**205**	**222**	**15 427**	**13 156**	**2 115**	**141**	**15**
Stories in Structure									
1	269	155	27	4	83	76	–	3	4
2	954	562	68	5	320	315	–	5	–
3	1 203	891	84	14	214	206	–	5	3
4 to 6	571	469	16	8	77	77	–	–	–
7 or more	423	376	–	7	41	41	–	–	–
Not reported	10	–	10	–	–	–	–	–	–
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	3 151	2 297	168	34	651	638	–	10	3
None (on same floor)	1 349	986	82	14	268	264	–	3	–
1 (up or down)	790	532	41	8	209	202	–	6	–
2 or more (up or down)	747	613	13	10	111	107	–	–	3
Not reported	265	166	31	3	65	65	–	–	–
Common Stairways									
Multiunits, 2 or more floors	3 151	2 297	168	34	651	638	–	10	3
No common stairways	940	667	89	9	176	171	–	5	–
With common stairways	1 993	1 508	46	22	416	408	–	5	3
No loose steps	1 902	1 446	44	21	390	382	–	5	3
Railings not loose	1 713	1 309	32	20	352	345	–	4	3
Railings loose	67	52	5	–	10	10	–	–	–
No railings	108	71	7	2	28	27	–	1	–
Status of railings not reported	14	14	–	–	–	–	–	–	–
Loose steps	83	55	1	1	26	26	–	–	–
Railings not loose	73	45	1	1	26	26	–	–	–
Railings loose	10	10	–	–	–	–	–	–	–
No railings	–	–	–	–	–	–	–	–	–
Status of railings not reported	–	–	–	–	–	–	–	–	–
Status of steps not reported	7	7	–	–	–	–	–	–	–
Status of stairways not reported	218	122	34	3	59	59	–	–	–
Light Fixtures in Public Halls									
2 or more units in structure	3 420	2 452	195	38	734	714	–	12	8
No public halls	1 422	963	140	11	308	296	–	7	4
No light fixtures in public halls	2	2	–	–	–	–	–	–	–
All in working order	1 280	987	16	17	260	256	–	1	3
Some in working order	22	19	–	1	3	3	–	–	–
None in working order	–	–	–	–	–	–	–	–	–
Unable to determine if working	414	320	4	5	85	81	–	4	–
Not reported	280	161	35	3	80	80	–	–	–
Elevator on Floor									
Multiunits, 2 or more floors	3 151	2 297	168	34	651	638	–	10	3
With 1 or more elevators working	743	595	3	7	139	135	–	–	3
With elevator, none in working condition	17	17	–	–	–	–	–	–	–
No elevator	2 170	1 556	134	24	456	447	–	10	–
Units 3 or more floors from main entrance	48	38	2	1	8	8	–	–	–
Not reported	220	129	31	3	57	57	–	–	–
Foundation									
1 unit bldg. excl. mobile homes	54 292	43 376	–	183	10 734	10 453	144	129	7
With basement under all of building	20 304	16 949	–	102	3 252	3 173	35	39	4
With basement under part of building	6 900	5 998	–	34	868	852	2	11	2
With crawl space	13 084	10 832	–	25	2 227	2 106	62	58	1
On concrete slab	13 176	8 873	–	18	4 285	4 229	36	20	–
Other	825	724	–	3	99	91	8	–	–
Not reported	2	–	–	–	2	2	–	–	–
External Building Conditions[1]									
Sagging roof	9	4	5	–	–	–	–	–	–
Missing roofing material	26	25	–	1	–	–	–	–	–
Hole in roof	3	–	–	1	2	2	–	–	–
Could not see roof	410	355	7	9	39	38	–	1	–
Missing bricks, siding, other outside wall material	33	30	2	1	–	–	–	–	–
Sloping outside walls	4	3	–	1	–	–	–	–	–
Boarded up windows	11	11	–	–	–	–	–	–	–
Broken windows	8	8	–	–	–	–	–	–	–
Bars on windows	61	57	–	2	2	2	–	–	–
Foundation crumbling or has open crack or hole	26	23	2	–	–	–	–	–	–
Could not see foundation	212	176	7	4	25	24	–	1	–
None of the above	2 593	1 834	134	24	600	581	–	12	8
Could not observe or not reported	322	183	45	3	91	91	–	–	–
Site Placement									
Mobile homes	4 922	961	–	2	3 959	1 988	1 971	–	–
First site	2 854	608	–	2	2 245	1 443	802	–	–
Moved from another site	1 452	189	–	–	1 262	418	844	–	–
Don't know	503	148	–	–	355	86	269	–	–
Not reported	114	16	–	–	97	41	56	–	–
Previous Occupancy									
Unit built 1980 or later	13 505	271	–	–	13 234	13 156	74	–	4
Not previously occupied	8 862	68	–	–	8 794	8 752	42	–	–
Not reported	938	109	–	–	829	819	9	–	–

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

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**62 644**	**46 790**	**205**	**222**	**15 427**	**13 156**	**2 115**	**141**	**15**
Rooms									
1 room	20	19	–	–	1	–	–	–	1
2 rooms	67	51	–	–	17	14	3	–	–
3 rooms	850	625	17	3	205	110	80	11	4
4 rooms	6 640	4 291	40	7	2 301	1 414	872	12	3
5 rooms	13 963	10 255	54	29	3 624	2 863	716	45	–
6 rooms	16 265	12 813	40	44	3 368	3 089	243	34	2
7 rooms	11 716	9 124	37	30	2 525	2 375	137	13	–
8 rooms	7 132	5 315	7	46	1 764	1 706	40	14	4
9 rooms	3 593	2 589	7	33	964	944	18	2	–
10 rooms or more	2 399	1 709	2	30	658	642	6	10	–
Median	**6.1**	**6.1**	**5.3**	**7.4**	**6.0**	**6.2**	**4.6**	**5.6**	**...**
Bedrooms									
None	44	43	–	–	1	–	–	–	1
1	1 671	1 239	44	7	381	232	132	13	4
2	15 132	11 004	66	41	4 022	2 797	1 189	30	6
3	32 296	24 328	77	86	7 806	7 005	721	75	4
4 or more	13 501	10 175	19	88	3 218	3 122	73	24	–
Median	**2.9**	**3.0**	**2.4**	**3.2**	**2.9**	**3.0**	**2.3**	**2.9**	**...**
Complete Bathrooms									
None	177	126	–	–	50	26	21	4	–
1	20 243	17 337	125	35	2 746	1 545	1 143	50	8
1 and one-half	11 883	10 190	36	32	1 625	1 288	330	7	–
2 or more	30 341	19 137	44	154	11 006	10 298	621	81	6
Square Footage of Unit									
Single detached and mobile homes	56 395	42 538	–	170	13 687	11 444	2 115	121	7
Less than 500	399	216	–	–	182	62	120	–	1
500 to 749	1 551	1 017	–	4	530	100	430	–	–
750 to 999	4 485	2 843	–	–	1 642	891	729	22	–
1,000 to 1,499	12 744	9 898	–	16	2 830	2 331	465	31	2
1,500 to 1,999	12 056	9 510	–	22	2 525	2 421	78	26	–
2,000 to 2,499	9 189	7 291	–	14	1 885	1 834	43	3	4
2,500 to 2,999	5 054	3 896	–	10	1 148	1 123	8	17	–
3,000 to 3,999	4 596	3 544	–	13	1 039	1 034	2	3	–
4,000 or more	2 560	1 855	–	12	693	680	11	2	–
Not reported	3 760	2 468	–	78	1 214	968	230	16	–
Median	**1 796**	**1 819**	**...**	**2 102**	**1 708**	**1 883**	**885**	**1 488**	**...**
Lot Size									
Less than one-eighth acre	5 850	4 680	–	32	1 137	846	290	–	–
One-eighth up to one-quarter acre	11 467	9 362	–	56	2 049	1 866	177	6	–
One-quarter up to one-half acre	9 494	7 440	–	14	2 040	1 915	107	18	–
One-half up to one acre	6 469	4 821	–	13	1 635	1 464	149	22	–
1 to 4 acres	9 224	6 127	–	20	3 077	2 508	524	41	2
5 to 9 acres	1 531	926	–	4	601	452	129	16	4
10 acres or more	2 889	2 090	–	3	795	601	177	17	–
Don't know	7 963	5 655	–	28	2 281	1 808	465	8	1
Not reported	4 328	3 236	–	14	1 078	980	97	–	–
Median	**.41**	**.37**	**...**	**.21**	**.63**	**.57**	**1.41**	**2.42**	**...**
Persons Per Room									
0.50 or less	45 460	34 711	165	146	10 438	8 925	1 409	93	12
0.51 to 1.00	16 286	11 402	40	68	4 775	4 098	625	49	3
1.01 to 1.50	799	602	–	8	189	121	68	–	–
1.51 or more	99	75	–	–	25	12	13	–	–
Square Feet Per Person									
Single detached and mobile homes	56 395	42 538	–	170	13 687	11 444	2 115	121	7
Less than 200	1 107	727	–	2	378	156	221	–	1
200 to 299	3 107	2 111	–	5	992	697	283	12	–
300 to 399	4 992	3 547	–	11	1 434	1 126	292	14	2
400 to 499	5 669	3 997	–	5	1 667	1 319	328	20	–
500 to 599	5 227	3 847	–	8	1 372	1 198	166	8	–
600 to 699	5 070	3 747	–	7	1 316	1 153	153	6	4
700 to 799	4 353	3 266	–	10	1 077	914	154	9	–
800 to 899	3 310	2 500	–	9	801	742	51	8	–
900 to 999	3 158	2 443	–	4	711	607	95	8	–
1,000 to 1,499	9 231	7 607	–	19	1 606	1 494	106	6	–
1,500 or more	7 409	6 280	–	10	1 119	1 070	35	14	–
Not reported	3 760	2 468	–	78	1 214	968	230	16	–
Median	**726**	**763**	**...**	**767**	**630**	**664**	**445**	**581**	**...**

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**62 644**	**46 790**	**205**	**222**	**15 427**	**13 156**	**2 115**	**141**	**15**
Equipment[1]									
Lacking complete kitchen facilities	455	332	6	2	114	85	20	9	–
With complete kitchen (sink, refrigerator and burners)	62 189	46 458	199	220	15 313	13 071	2 095	133	15
Kitchen Sink	62 399	46 603	203	220	15 373	13 109	2 108	141	15
Refrigerator	62 572	46 739	205	222	15 406	13 139	2 111	141	15
Less than 5 years old	22 161	15 023	70	81	6 987	6 383	545	53	6
Age not reported	327	247	5	–	75	58	17	–	–
Burners and oven	62 480	46 672	201	222	15 385	13 132	2 105	133	15
Less than 5 years old	18 311	11 732	40	59	6 481	5 995	439	41	6
Age not reported	418	294	4	–	120	98	21	–	–
Burners only	59	40	–	–	19	12	7	–	–
Less than 5 years old	14	5	–	–	9	9	–	–	–
Age not reported	13	9	–	–	4	–	4	–	–
Oven only	41	27	–	–	14	11	3	–	–
Less than 5 years old	27	13	–	–	14	11	3	–	–
Age not reported	–	–	–	–	–	–	–	–	–
Neither burners nor oven	64	51	4	–	9	–	–	9	–
Dishwasher	37 995	26 462	106	121	11 305	10 749	499	47	10
Less than 5 years old	14 219	8 633	32	39	5 515	5 328	168	13	6
Age not reported	334	246	2	1	85	69	15	–	–
Washing machine	59 020	43 949	181	202	14 688	12 764	1 791	126	6
Less than 5 years old	20 497	14 068	53	73	6 304	5 671	579	51	2
Age not reported	339	239	2	3	96	78	17	–	–
Clothes dryer	55 505	40 974	166	180	14 184	12 529	1 526	123	6
Less than 5 years old	17 159	11 344	49	56	5 710	5 281	385	43	2
Age not reported	288	203	–	3	83	67	16	–	–
Disposal in kitchen sink	27 323	18 648	55	71	8 549	8 248	283	18	–
Less than 5 years old	11 294	6 562	26	29	4 677	4 585	84	8	–
Age not reported	414	327	–	1	86	80	6	–	–
Air conditioning:									
Central	31 181	20 765	45	52	10 319	9 578	678	52	10
1 room unit	9 448	7 890	44	40	1 475	843	588	43	1
2 room units	4 747	4 149	27	20	551	335	209	6	–
3 room units or more	2 041	1 913	8	25	96	67	29	–	–
Main Heating Equipment									
Warm-air furnace	37 792	28 198	92	90	9 412	8 061	1 303	45	3
Steam or hot water system	7 534	6 723	76	91	645	605	15	21	4
Electric heat pump	5 993	2 932	6	6	3 049	2 911	117	13	8
Built-in electric units	2 928	2 181	7	16	725	634	64	27	–
Floor, wall, or other built-in hot air units without ducts	2 098	1 937	10	5	146	76	69	–	–
Room heaters with flue	1 034	904	2	5	122	56	59	6	–
Room heaters without flue	977	772	–	2	203	55	148	–	–
Portable electric heaters	341	253	–	1	87	34	49	4	–
Stoves	2 057	1 452	4	1	600	367	222	12	–
Fireplaces with inserts	508	387	2	–	118	111	7	–	–
Fireplaces without inserts	187	139	2	1	44	42	2	–	–
Other	822	636	–	2	184	136	35	13	–
None	372	276	2	3	92	68	24	–	–
Other Heating Equipment									
With other heating equipment[1]	21 861	15 950	68	77	5 767	5 076	650	37	4
Warm-air furnace	1 048	666	2	2	378	243	130	5	–
Steam or hot water system	157	140	–	2	15	13	2	–	–
Electric heat pump	245	176	–	–	69	69	–	–	–
Built-in electric units	1 908	1 592	11	9	296	275	18	4	–
Floor, wall, or other built-in hot-air units without ducts	398	342	5	2	49	34	8	6	–
Room heaters with flue	702	579	–	1	122	68	51	3	–
Room heaters without flue	1 280	974	11	5	290	186	100	4	–
Portable electric heaters	3 834	3 141	22	16	655	455	194	6	–
Stoves	3 091	2 367	6	18	700	582	110	9	–
Fireplaces with inserts	3 801	2 621	5	9	1 167	1 123	36	4	4
Fireplaces with no inserts	7 263	4 903	24	18	2 317	2 295	22	–	–
Other	655	488	–	1	166	147	20	–	–
Plumbing									
With all plumbing facilities	61 810	46 151	203	218	15 238	12 995	2 091	138	15
Lacking some plumbing facilities[1]	73	41	–	–	32	12	16	4	–
No hot piped water	35	20	–	–	15	6	6	4	–
No bathtub nor shower	39	26	–	–	13	2	10	–	–
No flush toilet	29	16	–	–	14	10	4	–	–
No plumbing facilities for exclusive use	761	598	2	4	157	149	8	–	–
Source of Water									
Public system or private company	51 540	39 232	172	204	11 931	10 508	1 327	85	11
Well serving 1 to 5 units	10 055	6 808	24	15	3 208	2 436	715	53	4
Drilled	8 690	5 855	24	14	2 797	2 166	585	46	–
Dug	962	649	–	1	312	196	109	3	4
Not reported	403	304	–	–	100	74	21	5	–
Other	1 049	749	9	3	288	211	74	3	–
Means of Sewage Disposal									
Public sewer	44 266	34 677	138	190	9 261	8 449	761	48	4
Septic tank, cesspool, chemical toilet	18 298	12 055	67	32	6 144	4 690	1 350	94	11
Other	80	58	–	–	22	18	4	–	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**62 644**	**46 790**	**205**	**222**	**15 427**	**13 156**	**2 115**	**141**	**15**
Main House Heating Fuel									
Housing units with heating fuel	62 272	46 514	203	219	15 335	13 088	2 091	141	15
Electricity	14 245	8 131	19	26	6 069	5 420	587	54	8
Piped gas	33 270	27 096	135	138	5 900	5 376	502	18	4
Bottled gas	3 124	1 809	5	2	1 307	883	401	23	–
Fuel oil	7 257	6 482	32	46	698	566	115	17	–
Kerosene or other liquid fuel	803	433	–	–	370	157	204	6	2
Coal or coke	236	191	–	–	45	32	11	2	–
Wood	3 079	2 194	9	3	873	596	256	21	–
Solar energy	23	6	2	–	14	11	3	–	–
Other	235	171	–	5	59	47	11	–	1
Other House Heating Fuels									
With other heating fuels[1]	14 129	10 524	42	53	3 510	2 957	516	33	4
Electricity	4 335	3 430	18	18	868	668	182	18	–
Piped gas	713	562	2	2	147	125	22	–	–
Bottled gas	493	334	–	–	159	98	45	16	–
Fuel oil	465	415	–	–	50	36	14	–	–
Kerosene or other liquid fuel	890	609	9	2	270	157	112	–	–
Coal or coke	117	91	1	1	24	18	6	–	–
Wood	7 409	5 319	19	30	2 040	1 899	129	9	4
Solar energy	87	70	3	–	14	14	–	–	–
Other	282	200	–	–	82	59	23	–	–
Not reported	401	286	2	–	113	108	5	–	–
Cooking Fuel									
With cooking fuel	62 576	46 734	201	222	15 419	13 156	2 115	133	15
Electricity	38 101	27 551	96	95	10 359	9 244	1 007	95	14
Piped gas	20 685	17 017	90	119	3 459	2 939	503	16	–
Bottled gas	3 429	1 933	15	7	1 474	882	570	22	1
Kerosene or other liquid fuel	227	147	–	–	80	58	22	–	–
Coal or coke	5	5	–	–	–	–	–	–	–
Wood	10	2	–	–	8	8	–	–	–
Other	119	79	–	2	39	25	14	–	–
Water Heating Fuel									
With hot piped water	62 555	46 724	205	222	15 404	13 143	2 109	138	15
Electricity	22 684	14 502	39	37	8 106	6 599	1 425	74	8
Piped gas	33 331	27 173	138	147	5 875	5 439	413	18	4
Bottled gas	2 449	1 586	12	8	842	600	213	29	–
Fuel oil	3 399	3 003	16	25	355	330	10	14	–
Kerosene or other liquid fuel	237	121	–	2	114	84	25	3	2
Coal or coke	40	36	–	–	5	5	–	–	–
Wood	37	25	–	–	12	7	4	–	–
Solar energy	230	179	–	1	49	46	3	–	–
Other	149	99	–	2	47	33	15	–	–
Central Air Conditioning Fuel									
With central air conditioning	31 181	20 765	45	52	10 319	9 578	678	52	10
Electricity	28 671	18 797	43	49	9 782	9 066	661	45	10
Piped gas	2 226	1 779	2	3	441	427	11	3	–
Other	284	189	–	–	95	85	6	4	–
Clothes Dryer Fuel									
With clothes dryer	55 505	40 974	166	180	14 184	12 529	1 526	123	6
Electricity	41 195	29 243	118	117	11 717	10 202	1 412	97	6
Piped gas	13 472	11 179	46	60	2 188	2 098	80	9	–
Other	838	553	3	3	280	229	34	17	–
Units Using Each Fuel[1]									
Electricity	62 620	46 774	205	222	15 419	13 148	2 115	141	15
All-electric units	11 449	6 227	13	18	5 191	4 688	446	50	8
Piped gas	38 243	31 079	146	169	6 849	6 200	619	27	4
Bottled gas	5 890	3 679	20	15	2 177	1 383	748	45	1
Fuel oil	8 705	7 705	34	51	915	741	153	21	–
Kerosene or other liquid fuel	1 813	1 134	9	4	665	336	320	6	2
Coal or coke	354	283	1	1	69	50	17	2	–
Wood	10 487	7 513	28	33	2 913	2 495	385	29	4
Solar energy	314	237	5	1	71	68	3	–	–
Other	637	448	–	5	184	134	49	–	1

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**62 644**	**46 790**	**205**	**222**	**15 427**	**13 156**	**2 115**	**141**	**15**
Water Supply Stoppage									
With hot and cold piped water	62 555	46 724	205	222	15 404	13 143	2 109	138	15
No stoppage in last 3 months	60 167	45 062	200	211	14 694	12 599	1 947	134	14
With stoppage in last 3 months	2 147	1 478	5	8	657	511	143	3	–
No stoppage lasting 6 hours or more	915	617	3	4	292	229	59	3	–
1 time lasting 6 hours or more	897	626	2	3	265	205	61	–	–
2 times	129	87	–	1	41	27	14	–	–
3 times	53	42	–	–	11	5	6	–	–
4 times or more	58	34	–	–	25	25	–	–	–
Number of times not reported	95	72	–	–	23	20	3	–	–
Stoppage not reported	242	185	–	3	54	33	20	–	1
Flush Toilet Breakdowns									
With one or more flush toilets	62 561	46 729	205	222	15 405	13 138	2 111	141	15
With at least one working toilet at all times in last 3 months	60 117	44 801	200	218	14 898	12 746	2 000	138	15
None working some time in last 3 months	2 274	1 793	5	3	472	365	104	4	–
No breakdowns lasting 6 hours or more	663	510	–	2	151	116	35	–	–
1 time lasting 6 hours or more	1 127	898	2	1	226	173	53	–	–
2 times	226	185	–	–	41	32	6	4	–
3 times	41	32	2	–	7	2	5	–	–
4 times or more	62	55	–	–	7	7	–	–	–
Number of times not reported	155	115	–	–	40	35	5	–	–
Breakdowns not reported	170	135	–	1	35	28	7	–	–
Sewage Disposal Breakdowns									
With public sewer	44 266	34 677	138	190	9 261	8 449	761	48	4
No breakdowns in last 3 months	43 515	34 039	135	186	9 155	8 364	739	48	4
With breakdowns in last 3 months	751	638	3	4	107	85	22	–	–
No breakdowns lasting 6 hours or more	240	196	3	–	41	34	7	–	–
1 time lasting 6 hours or more	400	338	–	3	59	48	11	–	–
2 times	67	64	–	1	2	2	–	–	–
3 times	25	21	–	–	4	–	4	–	–
4 times or more	20	20	–	–	–	–	–	–	–
With septic tank or cesspool	18 298	12 055	67	32	6 144	4 690	1 350	94	11
No breakdowns in last 3 months	17 871	11 780	67	32	5 991	4 583	1 310	87	11
With breakdowns in last 3 months	427	274	–	–	153	106	40	6	–
No breakdowns lasting 6 hours or more	122	67	–	–	56	38	18	–	–
1 time lasting 6 hours or more	266	178	–	–	88	63	18	6	–
2 times	32	22	–	–	9	5	4	–	–
3 times	–	–	–	–	–	–	–	–	–
4 times or more	7	7	–	–	–	–	–	–	–
Heating Problems									
With heating equipment and occupied last winter	60 049	45 266	192	218	14 373	12 247	1 976	135	15
Not uncomfortably cold for 24 hours or more last winter	56 743	42 848	181	199	13 516	11 547	1 825	129	15
Uncomfortably cold for 24 hours or more last winter[1]	3 200	2 347	11	20	823	676	140	6	–
Equipment breakdowns	839	623	–	8	208	177	31	–	–
No breakdowns lasting 6 hours or more	68	39	–	–	29	26	3	–	–
1 time lasting 6 hours or more	560	437	–	7	117	100	16	–	–
2 times	106	66	–	–	40	35	5	–	–
3 times	42	32	–	1	9	7	2	–	–
4 times or more	43	40	–	–	3	3	–	–	–
Number of times not reported	20	10	–	–	10	6	4	–	–
Other causes	2 444	1 768	11	13	652	532	114	6	–
Utility interruption	1 370	936	2	4	428	376	52	–	–
Inadequate heating capacity	269	229	2	1	36	28	5	3	–
Inadequate insulation	161	129	2	6	24	14	10	–	–
Other	592	443	2	2	145	96	46	3	–
Not reported	52	32	2	–	18	18	–	–	–
Reason for discomfort not reported	14	14	–	–	–	–	–	–	–
Discomfort not reported	105	72	–	–	34	23	11	–	–
Electric Fuses and Circuit Breakers									
With electrical wiring	62 625	46 779	205	222	15 419	13 148	2 115	141	15
No fuses or breakers blown in last 3 mo.	53 758	39 995	172	186	13 404	11 446	1 809	135	15
With fuses or breakers blown in last 3 mo.	8 349	6 416	28	35	1 870	1 577	287	6	–
1 time	4 539	3 529	11	20	979	830	148	–	–
2 times	1 786	1 401	12	8	365	299	66	–	–
3 times	703	538	–	4	161	141	20	–	–
4 times or more	889	640	2	4	244	209	34	–	–
Number of times not reported	433	309	3	–	121	97	19	6	–
Problem not reported or don't know	519	368	5	1	145	126	19	1	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**62 644**	**46 790**	**205**	**222**	**15 427**	**13 156**	**2 115**	**141**	**15**
Selected Amenities[1]									
Porch, deck, balcony, or patio	53 165	39 486	174	168	13 338	11 643	1 576	114	5
Not reported	75	63	2	–	10	10	–	–	–
Telephone available	60 722	45 574	193	215	14 741	12 718	1 880	133	10
Usable fireplace	26 038	18 485	64	71	7 418	7 223	140	50	4
Separate dining room	34 336	25 926	101	161	8 147	7 537	547	58	4
With 2 or more living rooms or recreation rooms, etc.	27 801	21 145	70	126	6 459	6 105	281	67	6
Garage or carport included with home	46 278	35 485	133	130	10 530	9 817	602	104	6
Garage or carport not included	16 313	11 275	72	91	4 875	3 320	1 510	37	9
Offstreet parking included	13 492	8 958	57	55	4 422	3 031	1 346	36	9
Offstreet parking not reported	52	10	–	–	42	38	4	–	–
Garage or carport not reported	52	29	–	1	23	20	3	–	–
Cars and Trucks Available[1]									
No cars, trucks, or vans	2 695	2 310	22	13	350	175	172	3	–
Other households without cars	3 894	2 748	10	16	1 120	920	189	12	–
1 car with or without trucks or vans	30 177	22 499	105	105	7 467	6 082	1 310	65	11
2 cars	20 171	14 735	46	61	5 328	4 921	369	34	4
3 or more cars	5 706	4 497	21	27	1 161	1 059	75	27	–
With cars, no trucks or vans	32 899	25 088	95	121	7 595	6 581	951	51	12
1 truck or van with or without cars	21 345	15 261	76	68	5 940	5 072	805	61	2
2 or more trucks or vans	5 704	4 131	12	20	1 541	1 328	187	26	–
Selected Deficiencies[1]									
Signs of rats in last 3 months	1 075	813	2	9	251	148	99	4	–
Holes in floors	493	361	–	4	128	58	67	3	–
Open cracks or holes (interior)	1 850	1 528	14	13	295	197	96	2	–
Broken plaster or peeling paint (interior)	1 612	1 435	11	14	152	121	28	3	–
No electrical wiring	19	11	–	–	8	8	–	–	–
Exposed wiring	806	664	5	3	135	82	50	3	–
Rooms without electric outlets	843	708	4	2	129	82	36	9	2
Water Leakage During Last 12 Months									
No leakage from inside structure	56 751	42 301	177	194	14 079	12 065	1 871	131	11
With leakage from inside structure[1]	5 815	4 425	28	28	1 334	1 077	244	10	4
Fixtures backed up or overflowed	2 123	1 602	12	13	496	401	92	4	–
Pipes leaked	2 469	1 907	14	12	536	406	120	6	4
Other or unknown (includes not reported)	1 362	1 028	2	4	328	285	42	–	–
Interior leakage not reported	78	63	–	–	14	14	–	–	–
No leakage from outside structure	50 294	36 906	160	151	13 077	11 277	1 693	97	11
With leakage from outside structure[1]	12 265	9 824	44	71	2 326	1 854	422	45	4
Roof	4 839	3 712	11	24	1 093	762	313	13	4
Basement	5 271	4 755	22	36	458	432	2	25	–
Walls, closed windows, or doors	1 801	1 164	7	8	622	528	89	5	–
Other or unknown (includes not reported)	1 234	872	5	10	347	282	56	9	–
Exterior leakage not reported	85	60	–	–	25	25	–	–	–
Overall Opinion of Structure									
1 (worst)	118	89	–	–	29	9	20	–	–
2	66	59	–	1	6	3	4	–	–
3	230	159	4	1	66	26	36	5	–
4	224	187	–	–	36	19	17	–	–
5	2 678	2 039	17	7	615	317	295	3	–
6	2 014	1 675	5	8	326	207	119	–	–
7	5 637	4 471	28	22	1 115	829	275	10	–
8	14 733	11 669	42	76	2 946	2 399	499	48	–
9	10 686	8 044	29	34	2 580	2 389	186	1	3
10 (best)	25 855	18 086	77	71	7 621	6 896	639	74	12
Not reported	403	311	3	2	87	62	25	–	–
Selected Physical Problems									
Severe physical problems[1]	1 028	799	2	5	222	174	45	4	–
Plumbing	834	639	2	4	189	161	24	4	–
Heating	85	72	–	1	12	10	2	–	–
Electric	41	30	–	–	11	8	3	–	–
Upkeep	84	66	–	–	19	3	15	–	–
Hallways	–	–	–	–	–	–	–	–	–
Moderate physical problems[1]	2 031	1 637	9	11	374	180	185	9	–
Plumbing	85	71	–	–	14	9	5	–	–
Heating	942	756	–	2	184	49	135	–	–
Upkeep	734	611	5	8	111	66	42	3	–
Hallways	2	2	–	–	–	–	–	–	–
Kitchen	334	248	4	2	80	60	12	9	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**62 644**	**46 790**	**205**	**222**	**15 427**	**13 156**	**2 115**	**141**	**15**
Overall Opinion of Neighborhood									
1 (worst)	456	366	7	4	78	56	22	–	–
2	349	256	7	1	86	64	16	1	4
3	530	429	2	4	95	54	38	3	–
4	771	626	2	8	136	99	34	3	–
5	3 611	2 946	13	17	635	483	147	5	–
6	2 608	2 123	12	13	460	392	64	4	–
7	6 045	4 763	21	33	1 227	1 035	184	4	4
8	13 973	10 794	41	56	3 082	2 662	380	40	–
9	9 780	7 247	27	34	2 473	2 218	254	–	–
10 (best)	23 523	16 578	68	52	6 825	5 871	870	77	7
No neighborhood	538	310	3	–	226	146	75	5	–
Not reported	460	351	3	1	105	75	30	–	–
Neighborhood Conditions									
With neighborhood	61 646	46 129	199	221	15 096	12 935	2 010	136	15
No problems	39 397	29 233	102	103	9 959	8 444	1 408	104	3
With problems[1]	22 130	16 809	98	117	5 106	4 460	602	33	12
Crime	2 819	2 366	8	28	418	374	39	5	–
Noise	3 620	2 864	31	24	701	595	100	6	–
Traffic	4 299	3 435	36	27	801	714	76	11	–
Litter or housing deterioration	2 757	2 335	19	15	389	319	67	3	–
Poor city or county services	827	567	9	7	243	227	14	2	–
Undesirable commercial, institutional, industrial	902	744	13	7	138	114	22	2	–
People	6 695	5 031	28	35	1 601	1 353	234	11	4
Other	6 994	4 895	12	42	2 046	1 851	181	2	12
Type of problem not reported	327	207	3	2	115	98	16	–	–
Presence of problems not reported	119	88	–	1	31	31	–	–	–
Description of Area Within 300 Feet[1]									
Single-family detached houses	1 316	967	136	13	199	188	–	7	4
Only single-family detached	–	–	–	–	–	–	–	–	–
Single-family attached or 1 to 3 story multiunit	2 191	1 613	72	24	482	464	–	10	8
4 to 6 story multiunit	599	487	2	10	100	97	–	–	3
7 stories or more multiunit	411	375	1	7	28	28	–	–	–
Mobile homes	21	11	–	–	9	5	–	–	4
Commercial, institutional, or industrial	828	670	39	13	106	100	–	3	3
Residential parking lots	833	569	7	1	254	250	–	1	3
Body of water	246	159	8	3	75	75	–	–	–
Open space, park, farm, or ranch	698	466	37	11	184	179	–	–	4
4+ lane highway, railroad, or airport	272	193	10	2	66	66	–	–	–
Other	150	114	7	3	25	25	–	–	–
Not observed or not reported	257	143	35	3	77	77	–	–	–
Age of Other Residential Buildings Within 300 Feet									
Older	172	94	7	–	71	71	–	–	–
About the same	2 425	1 806	114	26	479	468	–	7	4
Newer	61	43	12	1	5	5	–	–	–
Very mixed	406	311	19	9	67	58	–	5	3
No other residential buildings	94	49	7	–	37	37	–	–	–
Not reported	262	149	35	3	75	75	–	–	–
Mobile Homes in Group									
Mobile homes	4 922	961	–	2	3 959	1 988	1 971	–	–
1 to 6	3 087	400	–	1	2 686	1 336	1 350	–	–
7 to 20	277	49	–	–	228	123	106	–	–
21 or more	1 555	513	–	1	1 042	529	512	–	–
Not reported	3	–	–	–	3	–	3	–	–
Other Buildings Vandalized or With Interior Exposed									
None	2 982	2 194	148	30	611	593	–	10	8
1 building	40	30	–	2	8	8	–	–	–
More than 1 building	39	32	3	2	2	–	–	2	–
No buildings within 300 feet	61	24	7	–	30	30	–	–	–
Not reported	299	173	37	4	84	84	–	–	–
Bars on Windows of Buildings									
With other buildings within 300 feet	3 060	2 255	150	34	621	601	–	12	8
No bars on windows	2 586	1 841	131	22	592	572	–	12	8
1 building with bars	69	58	2	1	8	8	–	–	–
2 or more buildings with bars	388	341	17	11	18	18	–	–	–
Not reported	17	14	–	–	3	3	–	–	–
Condition of Streets									
No repairs needed	2 588	1 873	128	25	561	547	–	7	8
Minor repairs needed	487	374	29	8	76	70	–	6	–
Major repairs needed	38	34	–	2	2	2	–	–	–
No streets within 300 feet	54	29	3	–	21	21	–	–	–
Not reported	254	142	35	3	74	74	–	–	–
Trash, Litter, or Junk on Streets or any Properties									
None	2 657	1 916	132	20	588	574	–	7	8
Minor accumulation	471	360	27	13	70	64	–	6	–
Major accumulation	35	31	–	1	3	3	–	–	–
Not reported	257	145	35	3	74	74	–	–	–

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

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	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	**169 596**	**123 850**	**451**	**762**	**44 533**	**38 927**	**5 176**	**400**	**30**
Total	**62 644**	**46 790**	**205**	**222**	**15 427**	**13 156**	**2 115**	**141**	**15**
Persons									
1 person	11 877	9 590	48	21	2 218	1 578	607	24	9
2 persons	22 527	17 182	104	58	5 183	4 395	749	39	–
3 persons	10 755	7 796	31	47	2 882	2 573	279	25	4
4 persons	10 671	7 370	7	46	3 248	2 932	268	46	2
5 persons	4 517	3 148	12	23	1 334	1 197	129	8	–
6 persons	1 493	1 072	2	14	406	339	66	–	–
7 persons or more	804	633	–	13	157	142	16	–	–
Median	**2.4**	**2.3**	**2.0**	**3.2**	**2.6**	**2.7**	**2.1**	**2.8**	**...**
Number of Single Children Under 18 Years Old									
None	39 713	31 327	166	117	8 102	6 666	1 348	74	15
1	9 386	6 550	19	34	2 783	2 410	339	33	–
2	8 931	5 827	7	41	3 056	2 783	244	28	–
3	3 405	2 224	10	18	1 153	1 016	131	6	–
4	879	602	2	9	266	223	43	–	–
5	240	188	–	2	50	40	10	–	–
6 or more	89	71	–	1	17	17	–	–	–
Median	**.5-**	**.5-**	**.5-**	**.5-**	**.5-**	**.5-**	**.5-**	**.5-**	**...**
Persons 65 Years Old and Over									
None	44 110	30 997	149	164	12 801	11 162	1 517	112	10
1 person	11 538	9 888	41	36	1 572	1 119	433	16	5
2 persons or more	6 996	5 905	15	23	1 054	875	165	13	–
Age of Householder									
Under 25 years	655	325	–	1	329	247	77	5	–
25 to 29	2 881	1 604	9	6	1 261	1 060	193	8	–
30 to 34	5 715	3 468	21	16	2 210	1 952	234	20	3
35 to 44	14 239	9 399	30	73	4 737	4 270	415	47	5
45 to 54	12 265	9 273	38	48	2 906	2 542	342	19	2
55 to 64	9 863	8 104	53	29	1 677	1 374	286	13	4
65 to 74	9 946	8 482	31	24	1 410	1 102	299	9	1
75 years and over	7 080	6 135	24	24	897	607	269	21	–
Median	**51**	**54**	**56**	**48**	**43**	**43**	**49**	**43**	**...**
Household Composition by Age of Householder									
2-or-more person households	50 767	37 200	156	201	13 209	11 578	1 508	118	6
Married-couple families, no nonrelatives	40 574	29 557	89	151	10 777	9 589	1 083	98	6
Under 25 years	402	191	–	1	210	153	52	5	–
25 to 29 years	2 004	1 047	5	1	951	800	143	8	–
30 to 34 years	4 142	2 491	11	11	1 629	1 494	127	8	–
35 to 44 years	10 323	6 689	17	56	3 561	3 280	244	37	–
45 to 64 years	15 407	12 165	41	51	3 150	2 814	302	29	6
65 years and over	8 296	6 974	15	32	1 276	1 048	215	12	–
Other male householder	4 002	2 841	23	24	1 115	965	144	6	–
Under 45 years	1 913	1 232	7	8	666	595	65	6	–
45 to 64 years	1 340	972	9	11	349	279	69	–	–
65 years and over	749	637	7	5	100	90	10	–	–
Other female householder	6 191	4 803	45	26	1 317	1 023	281	13	–
Under 45 years	2 340	1 548	10	11	771	609	156	7	–
45 to 64 years	2 223	1 785	27	10	401	322	79	–	–
65 years and over	1 628	1 470	7	6	145	93	46	6	–
1-person households	11 877	9 590	48	21	2 218	1 578	607	24	9
Male householder	4 082	3 121	16	12	932	694	222	12	5
Under 45 years	1 554	1 073	7	8	466	359	94	9	5
45 to 64 years	1 199	917	7	4	271	206	62	3	–
65 years and over	1 329	1 132	2	–	195	129	66	–	–
Female householder	7 795	6 468	32	9	1 286	884	386	12	4
Under 45 years	812	525	2	2	282	240	39	–	3
45 to 64 years	1 959	1 538	7	3	411	295	115	1	–
65 years and over	5 024	4 405	23	4	592	349	232	11	1
Adults and Single Children Under 18 Years Old									
Total households with children	22 931	15 463	39	105	7 325	6 490	768	67	–
Married couples	18 444	12 193	26	86	6 138	5 538	546	54	–
One child under 6 only	2 343	1 389	5	12	937	857	72	7	–
One under 6, one or more 6 to 17	3 126	1 958	5	14	1 150	1 045	92	13	–
Two or more under 6 only	1 681	978	5	9	689	630	59	–	–
Two or more under 6, one or more 6 to 17	853	558	2	5	288	255	33	–	–
One or more 6 to 17 only	10 442	7 310	9	47	3 075	2 751	290	34	–
Other households with two or more adults	2 526	1 902	4	9	611	528	73	10	–
One child under 6 only	393	289	–	3	101	85	16	–	–
One under 6, one or more 6 to 17	343	236	–	2	105	96	3	6	–
Two or more under 6 only	149	110	–	–	39	35	4	–	–
Two or more under 6, one or more 6 to 17	142	101	–	1	40	29	11	–	–
One or more 6 to 17 only	1 499	1 166	4	3	326	283	40	3	–
Households with one adult or none	1 960	1 368	8	9	575	423	148	4	–
One child under 6 only	198	138	–	1	60	41	19	–	–
One under 6, one or more 6 to 17	202	127	2	2	71	41	30	–	–
Two or more under 6 only	53	34	–	–	20	13	6	–	–
Two or more under 6, one or more 6 to 17	31	23	–	–	8	–	8	–	–
One or more 6 to 17 only	1 477	1 047	5	7	418	329	85	4	–
Total households with no children	39 713	31 327	166	117	8 102	6 666	1 348	74	15
Married couples	22 379	17 535	62	68	4 714	4 119	544	44	6
Other households with two or more adults	5 460	4 205	55	28	1 171	968	196	6	–
Households with one adult	11 874	9 587	48	21	2 218	1 578	607	24	9

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	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	41 744	33 039	168	126	8 410	6 907	1 410	78	15
With own children under 18 years	20 900	13 750	37	96	7 017	6 248	705	63	–
Under 6 years only	4 166	2 410	10	24	1 721	1 566	153	3	–
1	2 425	1 402	5	15	1 003	911	88	3	–
2	1 517	894	2	9	612	563	49	–	–
3 or more	223	114	3	–	107	91	16	–	–
6 to 17 years only	12 567	8 777	17	54	3 720	3 288	390	41	–
1	5 918	4 278	12	16	1 612	1 370	215	26	–
2	4 866	3 270	2	23	1 570	1 438	120	12	–
3 or more	1 783	1 228	2	15	537	481	54	3	–
Both age groups	4 168	2 564	10	18	1 576	1 394	163	19	–
2	2 006	1 182	2	7	815	734	66	16	–
3 or more	2 161	1 382	7	12	761	661	97	3	–
Persons Other Than Spouse or Children[1]									
With other relatives	15 876	12 760	48	84	2 984	2 556	375	47	6
Single adult offspring 18 to 29	8 965	7 226	28	45	1 666	1 451	178	31	6
Single adult offspring 30 years of age or over	2 865	2 570	7	21	268	189	74	5	–
Households with three generations	1 534	1 269	–	11	255	204	51	–	–
Households with 1 subfamily	1 527	1 271	2	12	241	197	44	–	–
Subfamily hd	716	568	–	5	143	105	38	–	–
30 to 64	722	648	2	4	66	64	3	–	–
65 and over	89	55	–	2	32	28	3	–	–
Households with 2 or more subfamilies	70	62	–	1	8	8	–	–	–
Households with other types of relatives	4 918	3 729	16	30	1 143	991	136	16	–
With non-relatives	2 454	1 701	28	18	708	609	99	–	–
Co-owners or co-renters	503	335	13	2	153	138	15	–	–
Lodgers	...	...	...	...	...	...	...	...	...
Unrelated children, under 18 years old	481	384	–	5	91	82	10	–	–
Other non-relatives	918	637	7	4	271	238	33	–	–
One or more secondary families	241	170	–	3	68	61	6	–	–
2-person households, none related to each other	1 338	906	23	6	403	345	59	–	–
3-8 person households, none related to each other	124	82	2	2	38	35	3	–	–
Years of School Completed by Householder									
No school years completed	131	106	–	1	24	5	19	–	–
Elementary:									
less than 8 years	2 496	2 036	10	13	436	244	186	6	–
8 years	2 724	2 300	3	6	416	258	157	–	–
High School:									
1 to 3 years	5 857	4 664	14	13	1 166	719	428	14	4
4 years	22 459	16 921	85	56	5 397	4 357	962	71	7
College:									
1 to 3 years	12 119	8 896	33	58	3 133	2 853	259	21	–
4 years or more	16 857	11 867	61	76	4 854	4 720	102	29	4
Median	**12.9**	**12.8**	**12.9**	**14.4**	**13.3**	**14.1**	**12.3**	**12.7**	**...**
Year Householder Moved Into Unit									
1990 to 1994	15 055	7 938	33	43	7 040	6 342	636	59	4
1985 to 1989	14 263	8 632	29	45	5 557	4 880	631	38	7
1980 to 1984	6 933	4 711	9	29	2 184	1 807	347	26	4
1975 to 1979	7 501	7 139	23	22	317	62	255	–	–
1970 to 1974	5 301	5 068	19	17	197	32	155	10	–
1960 to 1969	7 038	6 884	30	20	104	24	71	9	–
1950 to 1959	4 326	4 239	41	23	24	7	18	–	–
1940 to 1949	1 535	1 489	21	21	4	1	3	–	–
1939 or earlier	692	691	–	1	–	–	–	–	–
Median	**1978**	**1976**	**1968**	**1977**	**1986**	**1986**	**1983**	**1984**	**...**
Household Moves and Formation in Last Year									
Total with a move in last year	6 685	3 861	42	22	2 760	2 445	290	23	3
Household all moved here from one unit	3 960	1 987	13	5	1 955	1 746	194	15	–
Householder of previous unit did not move here	467	298	2	1	166	151	14	–	–
Householder of previous unit moved here	3 397	1 644	11	4	1 738	1 544	179	15	–
Householder of previous unit not reported	96	44	–	–	51	51	–	–	–
Household moved here from two or more units	426	209	7	2	208	183	21	5	–
No previous householder moved here	82	31	2	–	48	45	3	–	–
1 previous householder moved here	65	23	2	–	40	23	12	5	–
2 or more previous householders moved here	230	137	2	2	89	83	5	–	–
Previous householder(s) not reported	49	17	–	–	32	32	–	–	–
Some already here, rest moved in	2 289	1 663	21	15	590	508	76	4	2
No previous householder moved here	739	567	2	4	166	128	38	–	–
1 or more previous householders moved here	1 219	869	14	8	328	291	31	4	2
Previous householder(s) not reported	330	227	5	3	96	89	7	–	–
Number of previous units not reported	10	2	–	–	7	7	–	–	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**62 644**	**46 790**	**205**	**222**	**15 427**	**13 156**	**2 115**	**141**	**15**
Household Income									
Less than $5,000	2 375	1 862	4	8	500	343	151	6	–
$5,000 to $9,999	4 229	3 434	8	6	781	400	361	18	1
$10,000 to $14,999	4 748	3 809	26	7	906	539	352	6	8
$15,000 to $19,999	4 234	3 253	16	12	951	638	303	11	–
$20,000 to $24,999	4 494	3 480	9	13	992	723	243	26	–
$25,000 to $29,999	5 755	4 519	26	13	1 196	988	204	4	–
$30,000 to $34,999	4 163	3 147	7	17	993	830	147	16	–
$35,000 to $39,999	3 858	2 859	23	18	958	861	97	–	–
$40,000 to $49,999	6 953	5 185	32	32	1 703	1 589	102	6	6
$50,000 to $59,999	5 740	4 124	17	27	1 573	1 472	80	21	–
$60,000 to $79,999	7 359	5 171	7	23	2 159	2 097	50	12	–
$80,000 to $99,999	3 640	2 537	9	20	1 073	1 067	3	3	–
$100,000 to $119,999	2 080	1 400	12	7	661	639	9	13	–
$120,000 or more	3 016	2 009	8	18	981	970	11	–	–
Median	**36 716**	**34 826**	**36 123**	**45 031**	**42 562**	**47 907**	**18 185**	**29 451**	**...**
As percent of poverty level:									
Less than 50 percent	2 239	1 724	2	5	508	351	151	6	–
50 to 99	3 321	2 569	14	12	725	367	344	10	5
100 to 149	5 476	4 281	7	17	1 171	789	364	18	–
150 to 199	5 437	4 177	19	18	1 223	868	328	22	4
200 percent or more	46 170	34 039	162	169	11 800	10 781	929	85	6
Income of Families and Primary Individuals									
Less than $5,000	2 475	1 934	9	9	523	361	157	6	–
$5,000 to $9,999	4 311	3 502	11	6	792	400	373	18	1
$10,000 to $14,999	4 876	3 887	26	8	954	582	358	6	8
$15,000 to $19,999	4 294	3 295	16	15	968	650	307	11	–
$20,000 to $24,999	4 567	3 526	9	14	1 017	748	243	26	–
$25,000 to $29,999	5 820	4 571	24	14	1 210	1 009	197	4	–
$30,000 to $34,999	4 218	3 158	9	16	1 034	869	149	16	–
$35,000 to $39,999	3 882	2 885	25	17	955	865	90	–	–
$40,000 to $49,999	6 909	5 160	25	29	1 694	1 587	96	6	6
$50,000 to $59,999	5 632	4 045	19	26	1 542	1 441	81	21	–
$60,000 to $79,999	7 171	5 012	7	24	2 129	2 071	46	12	–
$80,000 to $99,999	3 542	2 493	9	17	1 023	1 019	–	3	–
$100,000 to $119,999	2 026	1 372	7	8	639	617	9	13	–
$120,000 or more	2 922	1 950	8	17	947	937	11	–	–
Median	**35 982**	**34 242**	**33 982**	**43 623**	**41 535**	**46 890**	**17 784**	**29 451**	**...**
Income Sources of Families and Primary Individuals									
Wages and salaries	44 770	32 066	148	179	12 377	10 848	1 410	105	14
Wages and salaries were majority of income	39 307	27 797	118	157	11 235	9 905	1 230	86	14
2 or more people each earned over 20% of wages and salaries	17 615	12 316	29	84	5 187	4 756	384	43	4
Business, farm, or ranch	9 594	7 123	53	40	2 377	2 088	225	64	–
Social security or pensions	22 984	19 211	72	66	3 635	2 831	763	40	1
Interest	35 171	27 005	113	110	7 942	7 318	573	44	7
Stock dividend(s)	14 605	10 859	45	46	3 656	3 468	151	33	4
Rental income	7 612	5 763	138	53	1 658	1 519	113	26	–
With lodger(s)	...	...	...	...	...	...	...	...	...
Welfare or SSI	1 563	1 172	4	5	381	211	164	7	–
Alimony or child support	2 361	1 640	10	8	703	609	89	5	–
Other	8 369	6 251	28	34	2 057	1 682	353	17	4
Amount of Savings and Investments									
Income of $25,000 or less	21 771	17 164	76	58	4 474	2 904	1 492	68	9
No savings or investments	8 818	6 519	31	30	2 239	1 254	941	35	8
$25,000 or less	7 312	6 069	27	15	1 202	809	370	22	1
More than $25,000	2 755	2 402	6	6	341	248	89	3	–
Not reported	2 885	2 173	13	7	693	593	93	7	–
Food Stamps									
Income of $25,000 or less	21 771	17 164	76	58	4 474	2 904	1 492	68	9
Family members received food stamps	1 710	1 172	7	7	524	220	295	10	–
Did not receive food stamps	18 521	14 877	64	45	3 534	2 314	1 153	58	9
Not reported	1 540	1 115	5	5	415	371	44	–	–

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**62 644**	**46 790**	**205**	**222**	**15 427**	**13 156**	**2 115**	**141**	**15**
Monthly Housing Costs									
Less than $100	1 130	730	5	–	396	134	247	10	4
$100 to $199	7 936	6 379	9	7	1 542	844	670	27	1
$200 to $249	4 705	3 933	13	9	750	507	229	13	–
$250 to $299	3 951	3 297	17	18	619	456	151	11	–
$300 to $349	3 299	2 713	6	6	574	451	117	6	–
$350 to $399	2 726	2 212	5	6	503	371	124	8	–
$400 to $449	2 527	1 983	21	10	514	392	118	3	–
$450 to $499	2 399	1 905	–	7	487	375	112	–	–
$500 to $599	4 539	3 513	15	14	997	868	129	–	–
$600 to $699	4 084	3 165	11	25	882	815	55	12	–
$700 to $799	3 527	2 628	8	16	875	855	15	2	2
$800 to $999	5 480	3 729	28	24	1 699	1 654	34	12	–
$1,000 to $1,249	4 279	2 733	16	25	1 505	1 470	20	15	–
$1,250 to $1,499	2 661	1 645	9	14	993	983	6	4	–
$1,500 or more	3 914	2 292	19	17	1 586	1 568	12	1	4
No cash rent	...	...	...	...	...	...	...	...	...
Mortgage payment not reported	5 486	3 932	23	25	1 506	1 412	75	16	3
Median (excludes no cash rent)	**498**	**455**	**599**	**688**	**666**	**777**	**222**	**312**	**...**
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	**522**	**479**	**632**	**745**	**686**	**798**	**231**	**359**	**...**
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	**260**	**224**	**350**	**464**	**409**	**508**	**100-**	**100-**	**...**
Monthly Housing Costs as Percent of Current Income									
Less than 5 percent	2 268	1 720	5	6	538	379	148	11	–
5 to 9 percent	8 389	6 742	19	28	1 599	1 196	367	31	4
10 to 14 percent	10 072	7 915	34	36	2 087	1 727	343	16	–
15 to 19 percent	10 247	7 665	10	32	2 540	2 228	305	6	–
20 to 24 percent	7 675	5 389	20	19	2 248	2 001	224	21	2
25 to 29 percent	5 297	3 727	15	9	1 547	1 355	186	6	–
30 to 34 percent	3 374	2 456	11	20	887	797	82	7	1
35 to 39 percent	2 144	1 555	14	9	565	492	64	9	–
40 to 49 percent	2 445	1 701	22	8	714	594	120	–	–
50 to 59 percent	1 289	943	6	3	336	300	29	8	–
60 to 69 percent	829	655	5	10	158	134	24	–	–
70 to 99 percent	1 024	767	10	2	245	184	61	1	–
100 percent or more[1]	1 423	1 101	10	13	298	246	45	3	4
Zero or negative income	683	522	2	2	157	109	42	6	–
No cash rent	...	...	...	...	...	...	...	...	...
Mortgage payment not reported	5 486	3 932	23	25	1 506	1 412	75	16	3
Median (excludes 3 previous lines)	**19**	**18**	**26**	**19**	**20**	**21**	**17**	**16**	**...**
Median (excludes 4 lines before medians)	**18**	**18**	**24**	**18**	**20**	**20**	**17**	**15**	**...**
Nonrelatives' Shared Housing Costs									
Nonrelatives in housing units	1 189	783	19	14	373	319	54	–	–
Less than $100 per month	540	364	10	6	160	142	18	–	–
$100 to $199	107	64	2	1	41	25	15	–	–
$200 to $299	161	114	2	3	43	37	5	–	–
$300 to $399	105	60	2	2	41	32	8	–	–
$400 or more per month	200	131	2	4	64	57	7	–	–
Not reported	76	50	–	–	25	25	–	–	–
Median	**115**	**103**	**...**	**...**	**134**	**120**	**159**	**...**	**...**
Monthly Cost Paid for Electricity									
Electricity used	62 620	46 774	205	222	15 419	13 148	2 115	141	15
Less than $25	2 621	2 154	5	5	458	342	111	5	–
$25 to $49	14 570	11 500	34	44	2 992	2 362	591	39	–
$50 to $74	15 659	11 877	52	58	3 671	3 072	586	6	8
$75 to $99	10 946	7 876	58	45	2 967	2 584	348	28	7
$100 to $149	9 540	6 546	11	36	2 947	2 634	287	26	–
$150 to $199	3 460	2 352	11	7	1 090	978	91	21	–
$200 or more	1 913	1 340	5	7	562	510	36	16	–
Median	**69**	**67**	**73**	**72**	**77**	**79**	**64**	**93**	**...**
Included in rent, other fee, or obtained free	3 912	3 130	29	21	732	666	66	–	–
Monthly Cost Paid for Piped Gas									
Piped gas used	38 243	31 079	146	169	6 849	6 200	619	27	4
Less than $25	7 098	5 365	17	23	1 693	1 451	241	1	–
$25 to $49	14 184	11 331	34	32	2 788	2 528	249	11	–
$50 to $74	8 258	7 033	28	35	1 161	1 102	56	3	–
$75 to $99	3 099	2 679	20	23	377	365	10	3	–
$100 to $149	1 540	1 315	14	22	189	179	5	–	4
$150 to $199	389	352	2	8	27	27	–	–	–
$200 or more	290	243	2	5	40	40	–	–	–
Median	**43**	**44**	**57**	**64**	**38**	**39**	**29**	**...**	**...**
Included in rent, other fee, or obtained free	3 386	2 761	29	21	574	508	58	8	–

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	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	8 705	7 705	34	51	915	741	153	21	–
Less than $25	829	694	–	3	131	79	52	–	–
$25 to $49	2 022	1 769	–	5	248	189	53	6	–
$50 to $74	2 382	2 118	21	6	238	204	31	3	–
$75 to $99	1 338	1 201	4	9	124	117	7	–	–
$100 to $149	1 145	1 035	9	13	88	75	5	8	–
$150 to $199	314	291	–	7	17	17	–	–	–
$200 or more	220	193	–	6	20	19	–	1	–
Median	**63**	**64**	**...**	**105**	**56**	**60**	**36**	**...**	**...**
Included in rent, other fee, or obtained free	455	403	–	2	50	42	4	4	–
Property Insurance									
Property insurance paid	58 825	44 299	193	215	14 117	12 633	1 352	123	10
Median per month	**32**	**32**	**38**	**38**	**33**	**34**	**20**	**34**	**...**
Monthly Costs Paid for Selected Utilities and Fuels									
Water paid separately	41 112	31 952	142	158	8 860	8 046	737	74	3
Median	**23**	**23**	**26**	**30**	**24**	**25**	**18**	**19**	**...**
Trash paid separately	30 809	23 182	93	83	7 450	6 670	724	52	5
Median	**14**	**14**	**16**	**12**	**15**	**15**	**10-**	**10**	**...**
Bottled gas paid separately	5 839	3 653	20	15	2 152	1 363	743	45	1
Median	**48**	**47**	**...**	**...**	**49**	**49**	**48**	**...**	**...**
Other fuel paid separately	9 422	6 516	21	26	2 860	2 278	561	18	3
Median	**12**	**13**	**...**	**...**	**11**	**10-**	**20**	**...**	**...**
Cost and Ownership Sharing									
Ownership shared by person not living here	2 226	1 718	5	6	497	352	132	12	–
Costs shared by person not living here	377	270	–	2	105	79	18	8	–
Costs not shared	1 844	1 446	5	4	389	271	114	4	–
Cost sharing not reported	5	2	–	–	2	2	–	–	–
Ownership not shared	59 653	44 527	188	213	14 724	12 626	1 967	124	7
Costs shared by person not living here	269	224	–	1	44	42	2	–	–
Costs not shared	59 254	44 203	188	213	14 650	12 554	1 965	124	7
Cost sharing not reported	129	99	–	–	30	30	–	–	–
Ownership sharing not reported	765	545	12	2	206	178	16	5	8
Monthly Payment for Principal and Interest									
Less than $100	622	549	–	1	72	45	27	–	–
$100 to $199	2 870	2 312	5	9	544	355	184	6	–
$200 to $249	2 159	1 640	11	13	495	416	78	–	–
$250 to $299	2 232	1 742	4	6	479	399	77	3	–
$300 to $349	2 148	1 687	5	10	446	400	43	3	–
$350 to $399	2 061	1 623	7	9	422	389	33	–	–
$400 to $449	2 163	1 644	4	11	504	470	31	–	2
$450 to $499	1 994	1 445	3	15	532	513	8	10	–
$500 to $599	3 597	2 517	14	6	1 060	1 031	26	2	–
$600 to $699	2 679	1 653	7	14	1 005	991	8	6	–
$700 to $799	2 145	1 355	12	12	766	755	5	6	–
$800 to $999	2 832	1 673	7	6	1 145	1 131	11	3	–
$1,000 to $1,249	2 056	1 196	14	11	836	835	–	1	–
$1,250 to $1,499	1 025	588	2	3	432	427	–	1	4
$1,500 or more	1 345	755	7	8	575	568	7	–	–
Not reported	5 486	3 932	23	25	1 506	1 412	75	16	3
Median	**493**	**450**	**589**	**476**	**610**	**635**	**238**	**494**	**...**
Average Monthly Cost Paid for Real Estate Taxes									
Less than $25	11 150	7 255	12	19	3 864	2 234	1 573	53	4
$25 to $49	10 483	8 389	30	30	2 034	1 689	304	40	1
$50 to $74	8 703	7 004	23	30	1 646	1 558	86	2	–
$75 to $99	6 470	5 077	22	32	1 338	1 293	39	6	–
$100 to $149	10 137	7 650	34	39	2 414	2 352	46	10	6
$150 to $199	5 911	4 464	28	26	1 393	1 352	26	11	4
$200 or more	9 791	6 950	57	45	2 739	2 678	41	20	–
Median	**79**	**79**	**124**	**99**	**78**	**96**	**25-**	**36**	**...**
Annual Taxes Paid Per $1,000 Value									
Less than $5	10 145	7 511	26	33	2 575	1 865	655	51	4
$5 to $9	16 228	11 954	46	53	4 176	3 706	421	48	1
$10 to $14	15 008	10 923	30	36	4 020	3 777	229	6	7
$15 to $19	7 993	6 161	20	40	1 773	1 608	152	12	–
$20 to $24	5 371	4 189	22	18	1 143	1 003	127	13	–
$25 or more	7 898	6 052	61	43	1 741	1 197	531	11	3
Median	**12**	**12**	**15**	**14**	**11**	**11**	**10**	**7**	**...**
Routine Maintenance in Last Year									
Less than $25 per month	40 995	29 805	104	98	10 989	9 138	1 749	95	7
$25 to $49	10 656	8 404	44	54	2 154	1 954	186	14	–
$50 to $74	2 178	1 717	5	19	437	402	24	12	–
$75 to $99	2 856	2 249	10	15	583	520	56	7	–
$100 to $149	1 239	942	5	4	289	274	9	6	–
$150 to $199	1 132	891	12	11	218	209	9	–	–
$200 or more per month	1 369	1 055	1	12	301	285	16	–	–
Not reported	2 219	1 728	25	10	457	374	67	7	8
Median	**25-**	**25-**	**25-**	**29**	**25-**	**25-**	**25-**	**25-**	**...**

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	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	2 499	1 426	–	8	1 065	1 064	–	–	–
Less than $25 per month	43	26	–	–	17	17	–	–	–
$25 to $49	76	27	–	–	49	49	–	–	–
$50 to $74	222	80	–	–	142	142	–	–	–
$75 to $99	302	122	–	–	179	179	–	–	–
$100 to $149	692	363	–	1	328	328	–	–	–
$150 to $199	463	286	–	2	175	175	–	–	–
$200 or more per month	592	456	–	2	133	133	–	–	–
Not reported	109	65	–	2	42	42	–	–	–
Median	**140**	**161**	**...**	**...**	**119**	**119**	**...**	**...**	**...**
Other Housing Costs Per Month									
Homeowner association fee paid	2 194	1 180	–	6	1 008	1 008	–	–	–
Median	**135**	**149**	**...**	**...**	**119**	**119**	**...**	**...**	**...**
Mobile home park fee paid	189	73	–	–	116	66	50	–	–
Median	**56**	**61**	**...**	**...**	**55**	**100**	**31**	**...**	**...**
Land rent fee paid	76	64	–	1	11	11	–	–	–
Median	**22**	**19**	**...**	**...**	**...**	**...**	**...**	**...**	**...**

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**62 644**	**46 790**	**205**	**222**	**15 427**	**13 156**	**2 115**	**141**	**15**
Value									
Less than $10,000	2 132	758	2	4	1 369	365	1 000	4	–
$10,000 to $19,999	2 517	1 253	4	2	1 257	768	489	–	–
$20,000 to $29,999	2 733	1 915	17	6	794	525	261	9	–
$30,000 to $39,999	3 427	2 870	9	12	537	436	88	10	3
$40,000 to $49,999	4 294	3 761	16	11	506	408	75	22	–
$50,000 to $59,999	4 187	3 634	12	16	525	455	60	10	–
$60,000 to $69,999	4 967	4 275	15	10	667	620	37	10	–
$70,000 to $79,999	4 758	3 882	21	21	835	796	29	10	–
$80,000 to $99,999	8 140	6 288	24	32	1 796	1 738	33	25	–
$100,000 to $119,999	5 256	3 861	10	13	1 371	1 343	8	15	5
$120,000 to $149,999	6 016	4 323	21	31	1 642	1 633	3	4	2
$150,000 to $199,999	6 361	4 533	12	23	1 793	1 768	15	6	4
$200,000 to $249,999	3 014	2 130	17	19	849	844	–	4	–
$250,000 to $299,999	1 739	1 187	7	6	539	528	11	–	–
$300,000 or more	3 104	2 121	18	16	949	928	7	14	–
Median	**85 671**	**83 333**	**85 415**	**98 112**	**93 640**	**106 956**	**11 169**	**76 690**	**...**
Value-Income Ratio									
Less than 1.5	18 221	12 722	46	73	5 380	3 770	1 571	36	3
1.5 to 1.9	8 360	6 108	19	28	2 205	2 004	174	27	–
2.0 to 2.4	7 125	5 225	14	17	1 868	1 793	71	3	–
2.5 to 2.9	5 327	3 860	20	24	1 422	1 349	64	9	–
3.0 to 3.9	7 045	5 351	24	15	1 654	1 561	49	42	2
4.0 to 4.9	4 072	3 187	17	12	856	802	50	4	–
5.0 or more	11 576	9 630	61	49	1 836	1 718	94	14	9
Zero or negative income	919	706	2	4	207	159	42	6	–
Median	**2.3**	**2.4**	**3.0**	**2.2**	**2.0**	**2.2**	**1.5-**	**2.6**	**...**
Other Activities on Property[1]									
Commercial establishment	983	764	10	3	206	140	48	14	4
Medical or dental office	169	150	–	3	16	16	–	–	–
Neither	61 558	45 938	195	216	15 209	13 004	2 067	127	11
Year Unit Acquired									
1990 to 1994	14 203	7 458	21	43	6 681	6 090	565	27	–
1985 to 1989	13 957	8 257	30	43	5 626	5 007	594	25	–
1980 to 1984	7 085	4 753	14	27	2 290	1 929	346	15	–
1975 to 1979	7 657	7 285	19	23	330	–	286	37	6
1970 to 1974	5 367	5 127	26	15	199	–	187	12	–
1960 to 1969	6 960	6 823	20	25	92	–	83	9	–
1950 to 1959	4 284	4 214	40	20	10	–	8	3	–
1940 to 1949	1 483	1 441	20	22	–	–	–	–	–
1939 or earlier	428	426	–	2	–	–	–	–	–
Not reported	1 220	1 004	15	2	198	129	46	14	9
Median	**1978**	**1976**	**1971**	**1976**	**1986**	**1986**	**1983**	**1979**	**...**
First Time Owners									
First home ever owned	27 235	22 122	82	119	4 912	3 897	973	38	4
Not first home	34 413	23 920	108	99	10 287	9 068	1 117	98	3
Not reported	996	748	14	4	229	191	25	5	8
Purchase Price									
Home purchased or built	59 852	44 349	178	210	15 115	13 006	1 988	115	6
Less than $10,000	5 573	4 352	14	12	1 195	237	941	16	–
$10,000 to $19,999	8 602	7 301	19	15	1 266	821	439	6	–
$20,000 to $29,999	5 839	4 936	22	20	860	658	202	–	–
$30,000 to $39,999	5 114	4 382	21	26	685	588	80	17	–
$40,000 to $49,999	4 286	3 570	12	26	678	606	59	13	–
$50,000 to $59,999	3 600	2 941	4	15	639	619	12	8	–
$60,000 to $69,999	3 360	2 428	5	13	914	901	3	10	–
$70,000 to $79,999	2 839	1 937	11	13	878	854	9	13	2
$80,000 to $99,999	4 248	2 507	15	12	1 714	1 701	7	6	–
$100,000 to $119,999	2 406	1 283	4	3	1 116	1 114	2	–	–
$120,000 to $149,999	2 657	1 435	8	15	1 200	1 195	4	–	–
$150,000 to $199,999	2 466	1 220	10	9	1 228	1 220	4	3	–
$200,000 to $249,999	1 042	495	3	1	544	543	–	1	–
$250,000 to $299,999	594	293	4	1	296	295	–	1	–
$300,000 or more	969	453	3	5	508	501	7	–	–
Not reported	6 257	4 816	23	23	1 394	1 152	218	20	4
Median	**43 896**	**37 249**	**41 163**	**47 548**	**77 095**	**87 562**	**10000-**	**45 948**	**...**
Received as inheritance or gift	1 575	1 439	12	10	114	20	81	12	–
Not reported	1 218	1 002	15	2	198	129	46	14	9
Major Source of Down Payment									
Home purchased or built	59 852	44 349	178	210	15 115	13 006	1 988	115	6
Sale of previous home	18 395	12 754	60	37	5 545	5 185	313	44	2
Savings or cash on hand	28 291	21 646	85	126	6 435	5 404	1 005	21	4
Sale of other investment	466	344	–	–	121	112	9	–	–
Borrowing, other than mortgage on this property	2 057	1 654	5	11	387	259	116	12	–
Inheritance or gift	1 281	1 027	6	6	242	212	29	–	–
Land where building built used for financing	370	218	–	–	153	143	10	–	–
Other	2 601	1 952	7	11	631	522	105	4	–
No down payment	4 804	3 546	11	14	1 233	862	343	28	–
Not reported	1 587	1 209	5	5	368	306	58	4	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**62 644**	**46 790**	**205**	**222**	**15 427**	**13 156**	**2 115**	**141**	**15**
Mortgages Currently on Property									
None, owned free and clear	25 231	20 480	80	64	4 608	3 018	1 502	83	5
With mortgage or land contract	37 413	26 310	125	158	10 819	10 138	613	58	10
One mortgage or land contract	32 506	22 479	97	138	9 792	9 182	561	47	2
Two mortgages	4 005	3 179	21	17	787	744	32	6	4
Three or more mortgages	75	62	–	–	12	12	–	–	–
Number of mortgages not reported	827	590	7	3	228	200	20	5	3
OWNERS WITH ONE OR MORE MORTGAGES									
Total	**37 413**	**26 310**	**125**	**158**	**10 819**	**10 138**	**613**	**58**	**10**
Type of Primary Mortgage									
FHA	5 374	3 908	7	17	1 442	1 431	8	3	–
VA	2 588	1 955	5	12	617	604	13	–	–
Farmers Home Administration	423	303	5	–	116	116	–	–	–
Other types	26 999	18 658	102	121	8 118	7 503	559	50	6
Don't know	854	633	–	6	215	205	10	–	–
Not reported	1 175	854	7	3	311	280	23	5	3
Lower Cost State and Local Mortgages									
State or local program used	3 034	2 273	9	5	746	708	38	–	–
Not used	33 274	23 262	109	149	9 754	9 146	548	53	6
Not reported	1 104	775	7	4	318	284	27	5	3
Mortgage Origination									
Placed new mortgage(s)	31 452	21 633	97	137	9 585	9 000	535	47	2
Primary obtained when property acquired	21 441	14 105	50	91	7 194	6 739	415	37	2
Obtained later	9 845	7 404	44	46	2 352	2 223	118	10	–
Date not reported	165	124	2	–	39	38	2	–	–
Assumed	1 432	1 091	5	3	334	304	29	–	–
Wrap-around	27	24	–	–	3	–	3	–	–
Combination of the above	3 481	2 819	14	15	632	603	19	6	4
Origin not reported	1 021	744	9	3	266	232	26	5	3
Payment Plan of Primary Mortgage									
Fixed payment, self amortizing	28 347	20 004	78	115	8 150	7 685	420	38	6
Adjustable rate mortgage	3 646	2 392	21	22	1 212	1 199	10	3	–
Adjustable term mortgage	87	72	–	–	15	9	3	3	–
Graduated payment mortgage	331	201	–	1	129	129	–	–	–
Balloon	305	212	2	1	90	82	8	1	–
Other	567	415	1	3	149	145	–	3	–
Combination of the above	275	201	–	–	74	71	3	–	–
Not reported	3 855	2 814	23	16	1 001	819	169	11	3
Payment Plan of Secondary Mortgage									
Units with two or more mortgages	4 080	3 241	21	18	799	757	32	6	4
Fixed payment, self amortizing	2 167	1 671	3	10	483	459	14	6	4
Adjustable rate mortgage	384	324	2	3	54	52	2	–	–
Adjustable term mortgage	76	55	–	–	21	21	–	–	–
Graduated payment mortgage	8	5	–	–	3	3	–	–	–
Balloon	57	44	2	–	11	8	4	–	–
Other	34	24	–	1	8	8	–	–	–
Combination of the above	201	166	5	–	31	31	–	–	–
Not reported	1 153	952	9	4	188	175	13	–	–
Lenders of Primary and Secondary Mortgages									
Only borrowed from firm(s)	33 077	23 007	104	136	9 830	9 335	448	41	6
Only borrowed from seller	977	725	7	11	234	113	113	8	–
Only borrowed from other individual(s)	520	346	–	1	172	146	21	5	–
Borrowed from a firm and seller	165	131	–	–	34	26	7	–	–
Borrowed from a firm and other individual	137	109	–	–	29	29	–	–	–
Borrowed from seller and other individual	16	13	–	3	–	–	–	–	–
One or both sources not reported	2 521	1 979	14	7	520	489	23	5	3
Items Included in Primary Mortgage Payment[1]									
Principal and interest only	14 017	9 661	59	41	4 257	3 768	446	41	2
Property taxes	20 730	14 766	55	107	5 802	5 688	97	13	4
Property insurance	17 906	12 596	43	83	5 185	5 063	111	11	–
Other	1 516	1 103	2	7	403	392	10	1	–
Not reported	1 715	1 262	9	6	438	403	26	5	3
Year Primary Mortgage Originated									
1990 to 1994	17 884	11 013	47	64	6 760	6 411	329	20	–
1985 to 1989	9 095	6 075	28	35	2 957	2 775	163	19	–
1980 to 1984	2 863	2 112	5	17	729	668	58	3	–
1975 to 1979	3 554	3 488	11	13	42	–	27	9	6
1970 to 1974	1 725	1 712	4	9	–	–	–	–	–
1960 to 1969	840	831	2	6	–	–	–	–	–
1950 to 1959	66	49	12	5	–	–	–	–	–
1949 or earlier	18	7	4	7	–	–	–	–	–
Not reported	1 367	1 022	11	3	331	284	36	7	3
Median	**1985**	**1982**	**1980**	**1982**	**1986**	**1987**	**1986**	**1986**	**...**

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	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	791	373	2	1	414	226	189	–	–
8 to 12 years	988	532	5	1	450	352	90	8	–
13 to 17 years	3 174	1 756	10	20	1 388	1 298	73	18	–
18 to 22 years	1 861	1 420	3	12	426	414	13	–	–
23 to 27 years	1 842	1 558	7	6	271	261	3	3	4
28 to 32 years	15 374	10 647	38	58	4 631	4 593	32	3	2
33 years or more	416	324	–	–	92	85	4	3	–
Variable	526	424	2	1	98	92	3	3	–
Not reported	12 441	9 276	58	59	3 048	2 817	207	21	3
Median	**29**	**29**	**29**	**29**	**29**	**29**	**9**	**16**	**...**
Remaining Years Mortgaged									
Less than 8 years	4 918	3 683	14	21	1 200	839	354	7	–
8 to 12	4 650	3 626	23	28	973	888	68	13	4
13 to 17	6 476	4 934	17	16	1 509	1 453	42	13	2
18 to 22	2 692	1 839	2	15	835	817	13	6	–
23 to 27	5 942	3 782	16	22	2 122	2 093	22	7	–
28 to 32	7 845	4 570	14	29	3 232	3 220	11	–	–
33 years or more	89	55	–	–	33	33	–	–	–
Variable	1 081	865	8	2	208	202	3	3	–
Not reported	3 721	2 956	31	26	708	594	100	10	3
Median	**18**	**17**	**15**	**18**	**24**	**25**	**8-**	**14**	**...**
Current Interest Rate									
Less than 6 percent	988	642	5	3	338	338	–	–	–
6 to 7.9	4 626	3 100	13	10	1 502	1 491	8	1	2
8 to 9.9	7 798	5 284	17	33	2 464	2 404	55	5	–
10 to 11.9	2 572	1 768	5	21	778	719	47	12	–
12 to 13.9	569	284	–	4	281	247	34	–	–
14 to 15.9	132	51	–	1	80	61	19	–	–
16 to 17.9	62	21	–	1	40	30	10	–	–
18 to 19.9	36	14	–	–	22	13	9	–	–
20 percent or more	12	2	–	–	9	8	2	–	–
Not reported	20 618	15 142	85	85	5 306	4 829	430	40	7
Median	**8.2**	**8.2**	**7.7**	**8.9**	**8.2**	**8.2**	**10.7**	**10.0**	**...**
Total Outstanding Principal Amount									
Less than $10,000	1 729	1 428	13	19	269	171	95	3	–
$10,000 to $19,999	1 897	1 474	2	8	413	373	40	–	–
$20,000 to $29,999	1 882	1 560	7	10	306	282	24	–	–
$30,000 to $39,999	1 735	1 344	2	9	380	365	13	–	2
$40,000 to $49,999	1 529	1 111	3	3	412	405	2	6	–
$50,000 to $59,999	1 445	941	5	6	493	491	–	2	–
$60,000 to $69,999	1 360	791	–	–	569	564	–	5	–
$70,000 to $79,999	1 017	580	5	1	431	425	6	–	–
$80,000 to $99,999	1 509	680	–	8	821	820	2	–	–
$100,000 to $119,999	873	407	3	3	461	461	–	–	–
$120,000 to $149,999	796	372	–	3	421	420	–	1	–
$150,000 to $199,999	587	281	–	1	306	302	3	1	–
$200,000 to $249,999	220	103	–	1	116	116	–	–	–
$250,000 to $299,999	91	36	–	–	54	54	–	–	–
$300,000 or more	125	62	1	1	61	61	–	–	–
Not reported	20 618	15 142	85	85	5 306	4 829	430	40	7
Median	**47 546**	**38 357**	**26 789**	**29 450**	**68 494**	**70 084**	**10000-**	**49 913**	**...**
Current Total Loan as Percent of Value									
Less than 20 percent	2 617	2 330	16	24	247	209	35	3	–
20 to 39	2 314	1 837	7	11	459	432	22	2	2
40 to 59	2 895	1 905	5	9	976	928	44	4	–
60 to 79	4 375	2 648	2	19	1 705	1 680	20	5	–
80 to 89	2 298	1 203	3	5	1 087	1 076	11	–	–
90 to 99	1 511	855	–	2	654	641	13	–	–
100 percent or more	785	390	7	2	386	344	39	4	–
Not reported	20 618	15 142	85	85	5 306	4 829	430	40	7
Median	**62.6**	**54.9**	**32.4**	**43.9**	**72.6**	**72.9**	**56.0**	**58.0**	**...**

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**62 644**	**46 790**	**205**	**222**	**15 427**	**13 156**	**2 115**	**141**	**15**
Repairs, Improvements, Alterations in Last 2 Years									
Roof replaced (all or part)	9 863	8 642	37	53	1 132	853	250	28	–
Mostly done by household	2 358	2 052	7	15	285	153	129	3	–
Mostly done by others	7 331	6 461	30	37	802	674	110	19	–
Workers not reported	174	128	–	2	44	26	12	6	–
Costing $500 or more	6 886	6 264	23	40	560	435	111	15	–
Costing less than $500	1 780	1 346	4	10	420	292	121	7	–
Cost not reported	1 197	1 032	9	4	151	127	18	7	–
Roof replacement not reported	648	484	10	1	152	117	23	5	8
Additions built	2 460	1 764	7	9	680	579	97	4	–
Mostly done by household	1 084	743	2	–	338	260	78	–	–
Mostly done by others	1 349	995	5	7	342	319	19	4	–
Workers not reported	27	26	–	1	–	–	–	–	–
Costing $500 or more	1 933	1 391	7	7	528	475	50	4	–
Costing less than $500	168	103	–	1	63	33	30	–	–
Cost not reported	359	269	–	1	89	72	17	–	–
Additions not reported	614	459	10	1	144	113	19	5	8
Kitchen remodeled or added	5 140	4 382	23	32	703	480	201	22	–
Mostly done by household	2 636	2 186	16	12	422	239	173	10	–
Mostly done by others	2 434	2 134	7	19	274	234	28	12	–
Workers not reported	71	63	–	1	7	7	–	–	–
Costing $500 or more	3 607	3 127	18	25	436	342	78	16	–
Costing less than $500	988	766	5	2	217	97	114	6	–
Cost not reported	545	490	–	5	50	41	9	–	–
Kitchen remodeled or added not reported	612	460	10	1	141	113	15	5	8
Bathroom remodeled or added	6 248	5 386	26	31	804	577	212	15	–
Mostly done by household	3 522	3 010	19	14	479	303	174	2	–
Mostly done by others	2 620	2 292	7	16	305	260	32	12	–
Workers not reported	106	84	–	2	20	14	6	–	–
Costing $500 or more	3 775	3 372	19	18	365	285	72	8	–
Costing less than $500	1 814	1 464	4	8	337	206	125	6	–
Cost not reported	659	550	2	6	101	86	15	–	–
Bathroom remodeled or added not reported	598	451	10	1	136	108	15	5	8
Siding replaced or added	3 277	2 839	11	23	404	336	68	–	–
Mostly done by household	959	832	2	5	120	87	33	–	–
Mostly done by others	2 254	1 955	8	16	275	243	31	–	–
Workers not reported	64	52	–	2	9	6	3	–	–
Costing $500 or more	1 988	1 768	4	12	204	168	36	–	–
Costing less than $500	726	577	4	8	138	111	27	–	–
Cost not reported	563	494	3	4	62	57	5	–	–
Siding replaced or added not reported	637	476	10	1	150	119	19	5	8
Storm doors/windows bought and installed	7 367	6 290	28	38	1 010	781	204	25	–
Mostly done by household	3 308	2 683	16	17	592	444	129	19	–
Mostly done by others	3 926	3 474	12	22	418	337	75	6	–
Workers not reported	133	133	–	–	–	–	–	–	–
Costing $500 or more	3 066	2 787	11	17	251	211	36	4	–
Costing less than $500	3 508	2 772	14	14	709	523	164	22	–
Cost not reported	792	731	2	8	51	47	4	–	–
Storm doors/windows bought and installed not reported	663	469	10	1	183	146	25	5	8
Major equipment replaced or added	6 290	5 355	14	27	893	702	158	34	–
Mostly done by household	1 110	883	–	2	225	144	73	8	–
Mostly done by others	5 090	4 393	14	25	658	549	83	25	–
Workers not reported	91	80	–	–	11	9	2	–	–
Costing $500 or more	4 811	4 167	14	23	606	485	93	28	–
Costing less than $500	917	701	–	2	214	146	62	6	–
Cost not reported	563	488	–	2	73	70	3	–	–
Major equipment replaced or added not reported	677	503	10	2	162	131	19	5	8
Insulation added	3 871	3 258	27	28	558	443	98	17	–
Mostly done by household	1 992	1 653	16	17	306	229	62	15	–
Mostly done by others	1 739	1 503	11	11	214	182	30	3	–
Workers not reported	140	102	–	–	38	32	7	–	–
Costing $500 or more	880	765	2	6	106	92	12	3	–
Costing less than $500	2 042	1 681	18	16	327	246	67	15	–
Cost not reported	949	812	7	6	124	105	19	–	–
Insulation added not reported	725	549	10	1	165	128	24	5	8
Other major work[1]	12 312	9 604	37	68	2 604	2 311	268	24	–
Mostly done by household	4 164	3 149	14	20	981	820	147	15	–
Mostly done by others	7 788	6 189	18	48	1 533	1 419	105	10	–
Workers not reported	361	266	5	1	89	73	16	–	–
Other major work not reported	749	546	12	1	190	159	19	5	8
Government Subsidy for Repairs									
Units with major repairs the last 2 years	30 618	24 955	100	144	5 419	4 502	853	64	–
Received low-interest loan or grant	694	601	–	2	91	62	22	6	–
No low-interest loan or grant	29 255	23 856	98	138	5 164	4 303	803	58	–
Not reported	668	498	2	4	164	136	28	–	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**31 670**	**23 878**	**638**	**109**	**7 045**	**5 764**	**899**	**262**	**120**
Tenure									
Owner occupied	...	...	...	...	...	...	...	...	...
Percent of all occupied	...	...	...	...	...	...	...	...	...
Renter occupied	31 670	23 878	638	109	7 045	5 764	899	262	120
Race and Origin									
White	24 206	17 833	491	72	5 810	4 628	836	238	109
Non-Hispanic	21 088	15 323	451	64	5 250	4 178	780	192	100
Hispanic	3 118	2 510	40	8	561	450	56	46	9
Black	5 510	4 467	103	35	905	821	58	17	9
Other	1 955	1 577	45	3	330	315	5	8	2
Total Hispanic	3 792	3 099	59	8	625	509	58	50	9
Units in Structure									
1, detached	8 290	7 475	–	43	772	636	3	97	36
1, attached	2 424	1 769	–	6	649	629	–	16	4
2 to 4	6 952	5 370	567	34	979	870	14	85	11
5 to 9	3 882	2 774	58	9	1 041	1 022	–	18	1
10 to 19	3 463	2 292	2	10	1 160	1 135	–	7	18
20 to 49	2 619	1 869	11	4	735	669	4	21	41
50 or more	2 736	2 143	–	2	590	563	–	20	8
Mobile home or trailer	1 305	186	–	–	1 119	241	878	–	–
Cooperatives and Condominiums									
Cooperatives	300	267	1	–	32	32	–	–	–
Condominiums	1 028	588	1	–	439	437	–	3	–
Year Structure Built[1]									
1990 to 1994	840	–	–	–	840	840	–	–	–
1985 to 1989	2 624	–	–	–	2 624	2 617	7	–	–
1980 to 1984	2 414	93	–	–	2 321	2 307	11	–	4
1975 to 1979	3 227	2 828	24	6	369	–	309	57	4
1970 to 1974	3 824	3 446	21	3	354	–	308	16	30
1960 to 1969	4 726	4 426	44	13	244	–	195	21	27
1950 to 1959	3 393	3 227	85	17	64	–	37	18	9
1940 to 1949	2 753	2 588	90	12	63	–	11	43	9
1930 to 1939	2 716	2 282	332	50	51	–	17	12	22
1920 to 1929	1 999	1 959	10	–	30	–	–	28	2
1919 or earlier	3 155	3 030	32	9	84	–	4	67	14
Median	**1963**	**1956**	**1938**	**1939**	**1984**	**1985**	**1973**	**1946**	**1962**
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	26 222	19 978	513	100	5 631	4 934	448	169	80
In central cities	14 098	11 474	262	62	2 300	2 111	62	87	40
Suburbs	12 124	8 504	251	38	3 330	2 823	385	82	40
Outside metropolitan statistical areas	5 448	3 899	125	9	1 415	830	451	93	40
Regions									
Northeast	6 819	5 793	248	33	746	554	56	93	42
Midwest	6 649	5 328	175	26	1 120	982	93	24	21
South	10 276	6 891	99	32	3 253	2 546	585	107	15
West	7 927	5 866	116	19	1 926	1 682	164	39	41
Urbanized Areas									
Inside urbanized areas	22 969	18 115	420	90	4 343	4 004	142	122	75
In central cities of (P)MSA's	13 855	11 331	261	62	2 201	2 015	59	87	40
Urban fringe	9 114	6 784	159	29	2 142	1 989	83	35	35
Outside urbanized areas	8 701	5 762	218	19	2 702	1 760	756	140	45
Other urban	3 872	2 813	114	16	929	743	88	65	33
Rural	4 829	2 949	104	3	1 773	1 017	669	75	12
Place Size[2]									
Less than 2,500 persons	1 226	957	40	–	229	105	98	18	8
2,500 to 9,999 persons	2 674	2 073	82	13	506	375	83	49	–
10,000 to 19,999 persons	2 756	2 165	58	8	525	449	36	14	27
20,000 to 49,999 persons	4 510	3 496	125	16	873	803	20	30	20
50,000 to 99,999 persons	3 281	2 641	49	7	583	526	12	14	32
100,000 to 249,999 persons	3 270	2 524	33	17	697	649	39	5	4
250,000 to 499,999 persons	2 440	1 970	31	13	426	399	12	10	5
500,000 to 999,999 persons	2 141	1 708	55	11	368	355	–	13	–
1,000,000 persons or more	3 732	3 345	70	16	301	244	4	37	16

[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. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**31 670**	**23 878**	**638**	**109**	**7 045**	**5 764**	**899**	**262**	**120**
Stories in Structure									
1	2 001	1 387	100	10	502	484	–	15	4
2	7 494	5 006	190	13	2 284	2 219	13	22	30
3	5 354	3 972	256	13	1 112	1 055	–	38	19
4 to 6	2 966	2 503	86	18	359	294	–	45	20
7 or more	1 834	1 578	3	5	247	207	4	29	8
Not reported	2	–	2	–	–	–	–	–	–
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	17 648	13 060	535	50	4 003	3 774	17	135	76
None (on same floor)	6 274	4 418	234	15	1 608	1 562	7	31	8
1 (up or down)	5 296	3 973	186	14	1 123	1 060	7	28	28
2 or more (up or down)	4 972	3 891	78	18	984	888	4	73	20
Not reported	1 107	779	37	3	288	264	–	3	20
Common Stairways									
Multiunits, 2 or more floors	17 648	13 060	535	50	4 003	3 774	17	135	76
No common stairways	3 275	2 286	268	8	712	676	–	30	6
With common stairways	13 391	10 101	234	39	3 017	2 843	17	104	53
No loose steps	12 438	9 342	191	35	2 871	2 722	17	91	41
Railings not loose	11 421	8 579	157	31	2 654	2 542	17	72	23
Railings loose	472	328	11	4	128	93	–	17	18
No railings	454	374	18	–	62	60	–	2	–
Status of railings not reported	91	60	4	–	27	27	–	–	–
Loose steps	921	735	40	5	141	116	–	12	13
Railings not loose	670	529	18	3	120	96	–	11	13
Railings loose	178	146	17	2	14	12	–	1	–
No railings	52	42	6	–	5	5	–	–	–
Status of railings not reported	20	18	–	–	2	2	–	–	–
Status of steps not reported	32	24	2	–	5	5	–	–	–
Status of stairways not reported	983	673	33	3	274	255	–	2	17
Light Fixtures in Public Halls									
2 or more units in structure	19 649	14 448	636	60	4 505	4 258	17	150	80
No public halls	7 375	4 999	424	30	1 922	1 851	–	58	13
No light fixtures in public halls	47	37	3	–	7	7	–	–	–
All in working order	7 621	5 921	93	24	1 584	1 478	7	60	39
Some in working order	512	426	30	1	55	35	–	17	4
None in working order	29	22	3	1	4	3	–	–	1
Unable to determine if working	2 845	2 207	41	2	595	564	10	14	7
Not reported	1 219	836	42	3	338	320	–	2	17
Elevator on Floor									
Multiunits, 2 or more floors	17 648	13 060	535	50	4 003	3 774	17	135	76
With 1 or more elevators working	2 828	2 222	3	5	598	549	4	31	14
With elevator, none in working condition	94	73	–	–	21	21	–	–	–
No elevator	13 754	10 125	493	42	3 094	2 936	13	102	44
Units 3 or more floors from main entrance	785	631	31	3	120	111	–	9	–
Not reported	971	640	39	3	289	269	–	2	19
Foundation									
1 unit bldg. excl. mobile homes	10 714	9 244	–	49	1 421	1 265	3	112	40
With basement under all of building	2 537	2 305	–	26	206	199	–	6	2
With basement under part of building	1 015	956	–	1	58	48	–	8	2
With crawl space	3 376	3 075	–	16	284	241	3	31	8
On concrete slab	3 460	2 645	–	5	810	748	–	59	4
Other	297	262	–	1	33	25	–	9	–
Not reported	28	–	–	–	28	4	–	–	24
External Building Conditions[1]									
Sagging roof	74	69	4	1	–	–	–	–	–
Missing roofing material	116	99	8	2	7	7	–	–	–
Hole in roof	21	21	–	–	–	–	–	–	–
Could not see roof	2 336	1 979	82	9	266	224	4	38	–
Missing bricks, siding, other outside wall material	326	283	23	4	16	16	–	–	–
Sloping outside walls	54	46	7	1	–	–	–	–	–
Boarded up windows	137	126	4	1	6	5	–	1	–
Broken windows	212	189	11	1	10	10	–	1	–
Bars on windows	427	361	18	1	46	19	4	24	–
Foundation crumbling or has open crack or hole	253	213	20	2	18	10	–	7	1
Could not see foundation	812	690	27	1	94	74	4	13	4
None of the above	15 237	10 948	459	44	3 786	3 610	14	105	57
Could not observe or not reported	1 406	950	57	3	396	376	–	3	18
Site Placement									
Mobile homes	1 305	186	–	–	1 119	241	878	–	–
First site	361	72	–	–	290	106	183	–	–
Moved from another site	326	28	–	–	298	44	254	–	–
Don't know	555	77	–	–	478	80	398	–	–
Not reported	63	10	–	–	53	10	43	–	–
Previous Occupancy									
Unit built 1980 or later	5 878	93	–	–	5 786	5 764	18	–	4
Not previously occupied	775	–	–	–	775	771	4	–	–
Not reported	1 331	56	–	–	1 275	1 264	3	4	4

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

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**31 670**	**23 878**	**638**	**109**	**7 045**	**5 764**	**899**	**262**	**120**
Rooms									
1 room	510	358	45	3	105	42	–	26	37
2 rooms	850	667	50	–	132	86	11	27	8
3 rooms	6 534	4 891	189	11	1 443	1 259	75	74	34
4 rooms	10 363	7 270	174	24	2 895	2 316	490	73	16
5 rooms	7 144	5 409	99	24	1 613	1 302	256	43	12
6 rooms	3 781	3 141	54	22	564	486	53	15	9
7 rooms	1 502	1 298	16	16	172	153	14	4	2
8 rooms	643	556	3	5	80	77	–	–	2
9 rooms	214	182	5	2	25	25	–	–	–
10 rooms or more	129	106	4	2	17	17	–	–	–
Median	**4.3**	**4.3**	**3.7**	**5.2**	**4.1**	**4.1**	**4.2**	**3.6**	**3.0**
Bedrooms									
None	976	747	73	3	152	84	–	32	37
1	8 822	6 603	239	16	1 965	1 729	92	102	42
2	13 716	9 776	229	37	3 674	2 937	617	103	18
3	6 628	5 419	77	32	1 101	873	186	25	17
4 or more	1 529	1 333	21	21	153	142	4	–	7
Median	**1.9**	**2.0**	**1.5**	**2.5**	**1.9**	**1.9**	**2.1**	**1.5**	**1.1**
Complete Bathrooms									
None	273	204	34	–	35	9	6	11	9
1	22 804	18 191	566	58	3 989	3 060	622	224	82
1 and one-half	3 288	2 471	15	4	798	646	123	9	20
2 or more	5 305	3 011	23	47	2 224	2 049	147	19	10
Square Footage of Unit									
Single detached and mobile homes	9 595	7 661	–	43	1 891	877	882	97	36
Less than 500	292	197	–	–	96	7	73	16	–
500 to 749	978	620	–	–	358	44	304	10	–
750 to 999	1 554	1 124	–	3	427	130	276	19	3
1,000 to 1,499	2 646	2 252	–	4	391	296	80	14	–
1,500 to 1,999	1 528	1 344	–	7	177	147	30	–	–
2,000 to 2,499	736	670	–	5	60	55	2	3	–
2,500 to 2,999	381	338	–	–	43	43	–	–	–
3,000 to 3,999	254	237	–	2	15	15	–	–	–
4,000 or more	176	163	–	1	12	4	5	–	2
Not reported	1 050	716	–	22	313	135	111	35	31
Median	**1 274**	**1 340**	**...**	**...**	**947**	**1 322**	**758**	**818**	**...**
Lot Size									
Less than one-eighth acre	955	774	–	6	174	85	81	8	–
One-eighth up to one-quarter acre	1 114	902	–	2	209	133	68	8	–
One-quarter up to one-half acre	749	667	–	5	76	68	9	–	–
One-half up to one acre	700	547	–	3	150	89	56	5	–
1 to 4 acres	1 108	910	–	1	197	76	116	3	2
5 to 9 acres	119	79	–	–	40	18	22	–	–
10 acres or more	491	394	–	1	96	34	50	6	7
Don't know	5 402	4 087	–	26	1 288	777	433	71	7
Not reported	1 381	1 069	–	4	308	227	45	12	24
Median	**.43**	**.42**	**...**	**...**	**.54**	**.37**	**.88**	**.23**	**...**
Persons Per Room									
0.50 or less	19 105	14 078	346	49	4 631	3 922	521	119	68
0.51 to 1.00	11 060	8 556	260	53	2 191	1 697	347	125	22
1.01 to 1.50	1 150	976	13	7	154	109	31	14	–
1.51 or more	355	267	18	1	69	36	–	4	29
Square Feet Per Person									
Single detached and mobile homes	9 595	7 661	–	43	1 891	877	882	97	36
Less than 200	691	522	–	3	166	31	123	11	–
200 to 299	1 262	979	–	–	283	83	188	13	–
300 to 399	1 349	1 025	–	4	320	135	165	19	–
400 to 499	1 125	896	–	3	226	133	89	4	–
500 to 599	799	673	–	4	122	82	34	6	–
600 to 699	707	570	–	2	135	74	56	5	–
700 to 799	511	415	–	2	94	40	52	–	2
800 to 899	352	292	–	1	59	21	38	–	–
900 to 999	326	273	–	–	53	37	9	4	3
1,000 to 1,499	844	751	–	2	91	82	10	–	–
1,500 or more	579	549	–	–	30	24	5	–	–
Not reported	1 050	716	–	22	313	135	111	35	31
Median	**486**	**508**	**...**	**...**	**409**	**491**	**345**	**336**	**...**

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**31 670**	**23 878**	**638**	**109**	**7 045**	**5 764**	**899**	**262**	**120**
Equipment[1]									
Lacking complete kitchen facilities	543	421	29	–	93	35	6	10	42
With complete kitchen (sink, refrigerator and burners)	31 128	23 457	609	109	6 952	5 729	893	253	78
Kitchen Sink	31 387	23 674	614	109	6 990	5 752	899	259	79
Refrigerator	31 467	23 738	619	109	6 999	5 750	893	260	96
Less than 5 years old	11 102	7 964	192	42	2 904	2 574	223	84	23
Age not reported	1 208	758	17	4	429	365	51	9	4
Burners and oven	31 318	23 616	616	109	6 977	5 748	899	253	78
Less than 5 years old	8 193	5 588	176	46	2 383	2 137	154	79	13
Age not reported	1 260	762	12	2	485	446	25	10	4
Burners only	65	47	2	–	17	4	–	5	7
Less than 5 years old	14	10	–	–	4	4	–	–	–
Age not reported	10	5	–	–	5	–	–	–	5
Oven only	50	39	–	–	11	10	–	1	–
Less than 5 years old	25	19	–	–	6	5	–	1	–
Age not reported	2	2	–	–	–	–	–	–	–
Neither burners nor oven	237	176	20	–	41	2	–	3	35
Dishwasher	11 245	6 766	76	27	4 376	4 217	95	43	22
Less than 5 years old	3 714	1 970	30	19	1 695	1 653	20	16	6
Age not reported	714	358	3	2	350	344	–	6	–
Washing machine	15 078	10 872	218	67	3 921	3 300	540	65	16
Less than 5 years old	6 281	4 269	93	29	1 890	1 679	186	23	2
Age not reported	319	187	7	2	124	116	8	–	–
Clothes dryer	12 811	8 888	186	53	3 684	3 173	437	62	13
Less than 5 years old	5 101	3 262	70	25	1 744	1 599	121	22	2
Age not reported	297	152	5	2	138	130	8	–	–
Disposal in kitchen sink	12 697	8 293	52	20	4 332	4 226	57	30	19
Less than 5 years old	4 055	2 336	22	10	1 687	1 662	8	14	2
Age not reported	1 121	704	2	3	412	399	12	1	–
Air conditioning:									
Central	10 940	6 413	66	20	4 440	4 121	236	46	38
1 room unit	7 295	6 089	160	26	1 020	625	297	84	13
2 room units	2 159	1 877	40	8	233	112	78	29	14
3 room units or more	479	428	11	5	35	23	12	–	–
Main Heating Equipment									
Warm-air furnace	13 875	9 845	244	36	3 750	3 009	629	67	45
Steam or hot water system	5 931	5 270	211	30	419	297	25	74	23
Electric heat pump	2 201	1 025	16	4	1 155	1 122	24	3	7
Built-in electric units	3 597	2 515	43	9	1 030	930	28	43	28
Floor, wall, or other built-in hot air units without ducts	2 657	2 385	32	10	230	173	29	21	7
Room heaters with flue	695	609	27	6	54	18	24	10	2
Room heaters without flue	605	535	10	4	57	16	30	8	3
Portable electric heaters	333	252	22	3	56	13	31	12	–
Stoves	710	596	19	–	95	40	43	12	–
Fireplaces with inserts	55	43	–	–	13	13	–	–	–
Fireplaces without inserts	82	70	–	2	10	10	–	–	–
Other	401	312	5	4	81	66	15	–	1
None	529	420	10	3	95	58	22	12	4
Other Heating Equipment									
With other heating equipment[1]	4 956	3 623	112	20	1 200	981	174	45	–
Warm-air furnace	218	159	2	2	55	45	10	–	–
Steam or hot water system	46	42	–	–	3	2	–	1	–
Electric heat pump	26	15	1	–	11	11	–	–	–
Built-in electric units	338	268	23	–	47	31	6	9	–
Floor, wall, or other built-in hot-air units without ducts	105	95	1	–	10	7	3	–	–
Room heaters with flue	157	140	6	1	9	7	2	–	–
Room heaters without flue	347	289	9	2	47	10	37	–	–
Portable electric heaters	1 557	1 324	35	6	192	97	68	27	–
Stoves	418	336	7	1	73	41	32	–	–
Fireplaces with inserts	329	201	5	2	121	117	–	3	–
Fireplaces with no inserts	1 577	888	28	4	657	633	16	7	–
Other	126	105	5	1	14	11	3	1	–
Plumbing									
With all plumbing facilities	31 190	23 525	591	109	6 965	5 717	893	249	106
Lacking some plumbing facilities[1]	119	86	25	–	9	4	–	4	–
No hot piped water	16	10	–	–	6	2	–	4	–
No bathtub nor shower	105	74	25	–	7	2	–	4	–
No flush toilet	71	52	20	–	–	–	–	–	–
No plumbing facilities for exclusive use	361	267	22	1	71	43	6	9	13
Source of Water									
Public system or private company	29 308	22 218	587	107	6 397	5 454	603	221	119
Well serving 1 to 5 units	1 694	1 172	36	1	485	184	265	37	–
Drilled	1 344	891	32	1	420	151	236	34	–
Dug	187	150	2	–	34	28	6	–	–
Not reported	164	131	2	–	31	5	23	3	–
Other	668	488	16	1	163	126	31	5	1
Means of Sewage Disposal									
Public sewer	28 463	21 737	549	105	6 072	5 366	364	225	117
Septic tank, cesspool, chemical toilet	3 175	2 114	89	4	967	399	528	38	3
Other	32	26	–	–	6	–	6	–	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**31 670**	**23 878**	**638**	**109**	**7 045**	**5 764**	**899**	**262**	**120**
Main House Heating Fuel									
Housing units with heating fuel	31 141	23 457	628	106	6 950	5 706	877	250	116
Electricity	10 144	6 004	106	20	4 014	3 653	247	72	42
Piped gas	14 940	12 387	366	66	2 121	1 663	301	103	53
Bottled gas	777	498	2	2	275	97	155	19	4
Fuel oil	3 874	3 452	128	15	279	183	35	44	16
Kerosene or other liquid fuel	242	148	–	–	94	21	73	–	–
Coal or coke	62	52	5	–	4	–	4	–	–
Wood	869	721	19	2	127	69	45	12	–
Solar energy	6	6	–	–	–	–	–	–	–
Other	228	188	2	2	36	19	16	–	–
Other House Heating Fuels									
With other heating fuels[1]	3 107	2 351	86	13	657	510	115	24	8
Electricity	1 332	1 082	49	6	195	123	48	18	6
Piped gas	207	158	7	–	42	39	3	–	–
Bottled gas	53	39	–	–	14	7	7	–	–
Fuel oil	118	116	2	–	–	–	–	–	–
Kerosene or other liquid fuel	279	227	8	1	42	16	26	–	–
Coal or coke	22	15	–	–	7	7	–	–	–
Wood	1 071	701	23	5	342	301	34	6	–
Solar energy	12	3	–	–	10	10	–	–	–
Other	94	71	4	1	18	16	–	–	2
Not reported	173	151	2	–	19	10	6	4	–
Cooking Fuel									
With cooking fuel	31 426	23 699	618	109	6 999	5 757	899	259	85
Electricity	17 504	11 826	318	52	5 309	4 689	396	156	68
Piped gas	13 064	11 367	282	53	1 362	977	269	103	13
Bottled gas	756	451	18	5	282	80	197	1	3
Kerosene or other liquid fuel	65	32	–	–	33	8	25	–	–
Coal or coke	6	6	–	–	–	–	–	–	–
Wood	3	3	–	–	–	–	–	–	–
Other	28	14	–	–	14	2	11	–	–
Water Heating Fuel									
With hot piped water	31 584	23 821	632	109	7 022	5 762	893	257	111
Electricity	11 974	7 594	158	37	4 185	3 518	534	85	48
Piped gas	16 493	13 618	383	58	2 435	2 025	235	131	43
Bottled gas	593	380	16	1	196	78	101	14	3
Fuel oil	2 170	1 988	71	7	105	66	2	26	12
Kerosene or other liquid fuel	51	23	–	–	28	13	16	–	–
Coal or coke	2	2	–	–	–	–	–	–	–
Wood	10	10	–	–	–	–	–	–	–
Solar energy	46	28	–	–	19	14	–	–	5
Other	244	178	4	6	55	48	5	1	–
Central Air Conditioning Fuel									
With central air conditioning	10 940	6 413	66	20	4 440	4 121	236	46	38
Electricity	10 422	6 047	64	17	4 294	3 980	236	41	38
Piped gas	459	325	2	3	129	125	–	4	–
Other	59	42	–	–	17	17	–	–	–
Clothes Dryer Fuel									
With clothes dryer	12 811	8 888	186	53	3 684	3 173	437	62	13
Electricity	10 681	7 104	151	39	3 387	2 899	417	59	11
Piped gas	2 039	1 716	33	13	276	256	16	2	2
Other	91	67	2	–	22	18	3	–	–
Units Using Each Fuel[1]									
Electricity	31 660	23 868	638	109	7 045	5 764	899	262	120
All-electric units	7 666	4 282	69	15	3 300	3 022	195	44	39
Piped gas	20 333	16 834	466	81	2 952	2 383	333	165	72
Bottled gas	1 366	873	26	5	462	162	277	19	4
Fuel oil	4 670	4 125	150	16	380	256	46	58	20
Kerosene or other liquid fuel	548	400	8	1	138	39	99	–	–
Coal or coke	86	71	5	–	11	7	4	–	–
Wood	1 940	1 423	42	7	469	371	80	18	–
Solar energy	65	36	–	–	28	23	–	–	5
Other	500	383	11	7	99	73	23	1	2

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

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**31 670**	**23 878**	**638**	**109**	**7 045**	**5 764**	**899**	**262**	**120**
Water Supply Stoppage									
With hot and cold piped water	31 584	23 821	632	109	7 022	5 762	893	257	111
No stoppage in last 3 months	29 457	22 180	608	104	6 565	5 443	794	227	102
With stoppage in last 3 months	1 860	1 445	19	5	391	268	87	29	8
No stoppage lasting 6 hours or more	679	517	1	1	160	116	32	12	–
1 time lasting 6 hours or more	755	566	15	4	170	116	38	8	8
2 times	165	144	–	–	21	14	7	–	–
3 times	83	70	–	–	13	7	6	–	–
4 times or more	90	70	2	–	17	10	–	8	–
Number of times not reported	88	79	–	–	9	5	3	1	–
Stoppage not reported	268	196	5	–	67	51	12	1	2
Flush Toilet Breakdowns									
With one or more flush toilets	31 529	23 779	612	109	7 028	5 764	893	260	111
With at least one working toilet at all times in last 3 months	29 109	21 922	558	101	6 527	5 413	788	229	97
None working some time in last 3 months	2 278	1 770	42	7	459	317	99	29	14
No breakdowns lasting 6 hours or more	704	516	14	5	169	106	51	5	7
1 time lasting 6 hours or more	999	801	24	1	173	134	19	16	4
2 times	230	173	–	1	56	42	10	–	3
3 times	92	79	1	–	12	8	3	–	–
4 times or more	127	103	2	–	22	8	6	8	–
Number of times not reported	126	98	–	–	28	18	9	–	–
Breakdowns not reported	143	87	12	1	43	34	6	3	–
Sewage Disposal Breakdowns									
With public sewer	28 463	21 737	549	105	6 072	5 366	364	225	117
No breakdowns in last 3 months	27 879	21 258	530	103	5 988	5 294	357	221	117
With breakdowns in last 3 months	584	479	20	2	84	72	8	4	–
No breakdowns lasting 6 hours or more	146	110	5	–	31	23	4	4	–
1 time lasting 6 hours or more	328	274	12	1	41	37	4	–	–
2 times	70	59	2	1	8	8	–	–	–
3 times	19	18	1	–	–	–	–	–	–
4 times or more	22	17	–	–	4	4	–	–	–
With septic tank or cesspool	3 175	2 114	89	4	967	399	528	38	3
No breakdowns in last 3 months	3 061	2 036	82	4	938	389	514	33	3
With breakdowns in last 3 months	114	78	7	–	29	10	15	5	–
No breakdowns lasting 6 hours or more	23	19	2	–	2	2	–	–	–
1 time lasting 6 hours or more	72	51	4	–	16	8	9	–	–
2 times	–	–	–	–	–	–	–	–	–
3 times	5	–	–	–	5	–	–	5	–
4 times or more	14	8	–	–	6	–	6	–	–
Heating Problems									
With heating equipment and occupied last winter	25 309	19 467	476	83	5 284	4 315	705	169	94
Not uncomfortably cold for 24 hours or more last winter	22 510	17 084	418	73	4 934	4 069	619	159	87
Uncomfortably cold for 24 hours or more last winter[1]	2 754	2 347	57	10	340	236	85	11	8
Equipment breakdowns	917	772	31	3	111	78	24	9	–
No breakdowns lasting 6 hours or more	44	38	–	–	6	2	3	–	–
1 time lasting 6 hours or more	414	339	9	1	66	50	15	1	–
2 times	177	150	9	1	18	13	3	1	–
3 times	80	68	8	–	5	3	2	–	–
4 times or more	124	108	6	–	11	8	–	3	–
Number of times not reported	77	70	–	1	7	3	–	4	–
Other causes	1 986	1 696	32	8	249	171	68	2	8
Utility interruption	368	273	5	–	89	58	27	1	4
Inadequate heating capacity	556	502	10	1	44	22	22	–	–
Inadequate insulation	336	298	4	4	29	23	7	–	–
Other	638	542	13	3	80	64	10	1	4
Not reported	87	80	–	1	7	4	2	–	–
Reason for discomfort not reported	16	16	–	–	–	–	–	–	–
Discomfort not reported	46	36	–	–	10	10	–	–	–
Electric Fuses and Circuit Breakers									
With electrical wiring	31 667	23 875	638	109	7 045	5 764	899	262	120
No fuses or breakers blown in last 3 mo.	27 279	20 291	538	90	6 360	5 278	743	226	113
With fuses or breakers blown in last 3 mo.	3 952	3 255	91	13	593	414	145	30	3
1 time	1 846	1 488	33	3	322	235	74	11	1
2 times	851	698	22	3	128	75	46	5	2
3 times	360	304	9	2	45	33	5	7	–
4 times or more	680	583	27	4	67	44	16	7	–
Number of times not reported	214	182	–	–	31	26	4	–	–
Problem not reported or don't know	437	329	9	6	92	72	10	6	4

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**31 670**	**23 878**	**638**	**109**	**7 045**	**5 764**	**899**	**262**	**120**
Selected Amenities[1]									
Porch, deck, balcony, or patio	20 091	14 561	349	79	5 102	4 321	622	134	25
Not reported	58	44	–	–	14	10	–	4	–
Telephone available	27 596	20 853	519	92	6 132	5 183	633	205	111
Usable fireplace	4 335	2 663	61	19	1 591	1 538	27	16	10
Separate dining room	9 436	7 561	102	44	1 729	1 573	123	24	9
With 2 or more living rooms or recreation rooms, etc.	3 197	2 611	51	19	516	454	49	9	4
Garage or carport included with home	9 988	7 573	136	20	2 259	2 079	114	44	23
Garage or carport not included	21 535	16 185	502	89	4 760	3 661	785	217	97
Offstreet parking included	15 636	10 931	310	63	4 333	3 347	751	164	71
Offstreet parking not reported	134	106	8	–	20	20	–	–	–
Garage or carport not reported	147	119	–	1	26	24	–	2	–
Cars and Trucks Available[1]									
No cars, trucks, or vans	6 755	5 604	152	22	977	706	124	79	69
Other households without cars	2 003	1 432	63	6	502	366	104	30	2
1 car with or without trucks or vans	16 115	11 946	310	48	3 811	3 153	498	118	42
2 cars	5 899	4 205	94	23	1 577	1 393	146	36	2
3 or more cars	898	691	19	10	178	146	27	–	5
With cars, no trucks or vans	18 297	13 373	339	68	4 517	3 886	475	117	39
1 truck or van with or without cars	5 702	4 230	137	17	1 318	1 009	244	56	9
2 or more trucks or vans	916	671	10	2	233	163	56	11	3
Owner or Manager on Property									
Rental, multiunit[2]	19 651	14 448	638	60	4 505	4 258	17	150	80
Owner or manager lives on property	7 505	5 319	190	19	1 977	1 925	–	29	23
Neither owner nor manager lives on property	12 106	9 123	414	41	2 528	2 333	17	121	57
Not reported	40	5	35	–	–	–	–	–	–
Selected Deficiencies[1]									
Signs of rats in last 3 months	1 493	1 267	25	13	189	99	68	21	–
Holes in floors	656	520	24	7	104	43	51	10	–
Open cracks or holes (interior)	2 532	2 177	68	13	274	162	78	28	6
Broken plaster or peeling paint (interior)	1 874	1 654	55	11	155	64	58	29	4
No electrical wiring	3	3	–	–	–	–	–	–	–
Exposed wiring	764	674	21	2	67	63	1	3	–
Rooms without electric outlets	828	711	18	3	96	77	16	1	1
Water Leakage During Last 12 Months									
No leakage from inside structure	26 720	19 962	519	90	6 149	5 057	760	222	110
With leakage from inside structure[1]	4 909	3 887	117	20	886	700	139	38	10
Fixtures backed up or overflowed	1 649	1 324	43	9	273	210	56	3	4
Pipes leaked	2 495	2 029	51	9	406	293	80	28	6
Other or unknown (includes not reported)	992	738	25	2	227	216	4	7	–
Interior leakage not reported	41	29	2	–	10	7	–	3	–
No leakage from outside structure	26 891	19 985	539	84	6 283	5 232	701	232	118
With leakage from outside structure[1]	4 728	3 859	96	26	747	520	198	27	2
Roof	2 263	1 879	47	15	323	207	98	19	–
Basement	1 069	983	26	5	54	45	–	7	2
Walls, closed windows, or doors	1 233	916	33	5	280	201	77	1	–
Other or unknown (includes not reported)	531	389	8	2	132	99	28	5	–
Exterior leakage not reported	51	33	2	–	15	12	–	3	–
Overall Opinion of Structure									
1 (worst)	414	361	14	2	36	16	15	5	–
2	262	210	–	–	52	29	16	6	–
3	466	398	6	1	60	19	40	1	–
4	690	578	17	4	91	59	25	7	–
5	3 255	2 669	87	11	488	309	132	37	11
6	2 519	2 076	44	10	390	270	92	22	5
7	4 809	3 750	105	14	940	734	142	44	20
8	8 002	5 964	160	25	1 853	1 615	145	56	37
9	3 894	2 703	81	16	1 094	1 019	46	21	9
10 (best)	7 010	4 901	125	21	1 962	1 639	231	55	37
Not reported	349	266	–	4	79	54	15	9	–
Selected Physical Problems									
Severe physical problems[1]	800	636	56	6	103	61	12	17	13
Plumbing	481	353	47	1	80	47	6	14	13
Heating	205	176	14	–	15	11	2	3	–
Electric	25	25	–	–	–	–	–	–	–
Upkeep	124	105	7	5	8	3	4	–	–
Hallways	5	5	–	1	–	–	–	–	–
Moderate physical problems[1]	2 087	1 779	46	7	255	105	89	26	35
Plumbing	188	154	1	–	33	17	9	8	–
Heating	571	504	10	1	56	16	30	7	3
Upkeep	1 090	958	22	5	104	43	51	10	–
Hallways	44	36	8	–	–	–	–	–	–
Kitchen	351	276	6	–	69	29	6	2	32

[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. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**31 670**	**23 878**	**638**	**109**	**7 045**	**5 764**	**899**	**262**	**120**
Overall Opinion of Neighborhood									
1 (worst)	919	780	17	7	115	87	19	9	–
2	521	403	14	5	99	66	25	8	–
3	738	608	11	5	114	102	12	–	–
4	998	820	15	4	159	120	31	4	4
5	3 474	2 741	66	13	654	493	107	33	20
6	2 149	1 705	41	7	396	318	53	15	10
7	3 921	2 989	83	10	839	713	65	44	17
8	6 489	4 775	142	21	1 550	1 356	139	42	14
9	3 753	2 721	68	11	953	802	97	46	7
10 (best)	8 044	5 856	168	20	1 999	1 583	317	51	48
No neighborhood	220	165	5	1	49	40	10	–	–
Not reported	446	315	9	4	117	84	24	10	–
Neighborhood Conditions									
With neighborhood	31 004	23 398	624	104	6 878	5 641	865	253	120
No problems	17 855	13 213	378	45	4 219	3 412	569	154	84
With problems[1]	13 090	10 142	247	57	2 643	2 217	293	99	36
Crime	3 778	3 097	74	21	586	539	28	9	11
Noise	3 738	2 914	81	12	731	597	84	44	6
Traffic	2 528	2 001	63	8	456	377	53	23	3
Litter or housing deterioration	1 235	1 030	21	9	175	131	30	13	2
Poor city or county services	400	344	5	–	51	47	4	–	–
Undesirable commercial, institutional, industrial	475	362	8	2	104	73	22	4	4
People	4 860	3 836	80	17	926	794	96	33	4
Other	2 786	2 128	39	12	607	504	74	15	13
Type of problem not reported	156	115	2	1	37	26	10	–	1
Presence of problems not reported	60	42	–	2	16	12	3	–	–
Description of Area Within 300 Feet[1]									
Single-family detached houses	6 882	5 418	404	26	1 034	944	13	53	24
Only single-family detached	–	–	–	–	–	–	–	–	–
Single-family attached or 1 to 3 story multiunit	13 710	9 991	324	40	3 354	3 247	–	85	22
4 to 6 story multiunit	3 293	2 856	47	16	374	298	4	56	16
7 stories or more multiunit	1 569	1 396	8	6	159	129	4	22	4
Mobile homes	174	113	11	–	50	44	–	6	–
Commercial, institutional, or industrial	5 881	4 713	174	28	966	834	4	97	30
Residential parking lots	5 559	3 924	56	21	1 558	1 501	–	26	31
Body of water	718	485	16	1	216	213	–	3	–
Open space, park, farm, or ranch	3 679	2 426	93	9	1 151	1 090	4	49	9
4+ lane highway, railroad, or airport	2 078	1 551	39	8	480	460	14	7	–
Other	1 091	837	23	6	225	206	–	17	2
Not observed or not reported	1 156	791	42	3	320	300	–	2	18
Age of Other Residential Buildings Within 300 Feet									
Older	1 207	761	13	1	432	424	7	1	–
About the same	13 499	10 016	438	44	3 001	2 878	–	85	38
Newer	443	360	38	4	41	38	–	–	2
Very mixed	2 592	2 057	75	7	452	391	11	44	7
No other residential buildings	693	446	32	1	214	180	–	17	17
Not reported	1 216	808	40	3	365	347	–	2	17
Mobile Homes in Group									
Mobile homes	1 305	186	–	–	1 119	241	878	–	–
1 to 6	890	127	–	–	763	153	610	–	–
7 to 20	147	13	–	–	134	30	104	–	–
21 or more	264	46	–	–	218	59	159	–	–
Not reported	4	–	–	–	4	–	4	–	–
Other Buildings Vandalized or With Interior Exposed									
None	16 846	12 397	522	54	3 873	3 672	17	133	50
1 building	332	277	20	1	34	33	–	1	–
More than 1 building	700	598	29	1	72	57	–	11	4
No buildings within 300 feet	322	184	13	–	125	121	–	–	4
Not reported	1 448	992	52	3	402	375	–	5	22
Bars on Windows of Buildings									
With other buildings within 300 feet	17 878	13 271	571	57	3 978	3 762	17	145	54
No bars on windows	14 673	10 471	479	39	3 684	3 530	14	110	30
1 building with bars	416	355	10	4	48	45	–	–	4
2 or more buildings with bars	2 692	2 363	80	12	237	178	4	35	20
Not reported	96	83	2	2	9	9	–	–	–
Condition of Streets									
No repairs needed	13 721	9 944	440	42	3 296	3 129	17	105	44
Minor repairs needed	3 930	3 142	131	13	643	595	–	36	11
Major repairs needed	501	411	15	2	74	62	–	6	5
No streets within 300 feet	359	191	10	–	157	155	–	–	3
Not reported	1 138	760	40	3	336	318	–	2	17
Trash, Litter, or Junk on Streets or any Properties									
None	13 126	9 167	401	36	3 522	3 366	13	98	44
Minor accumulation	4 783	4 001	169	18	595	530	4	47	15
Major accumulation	611	520	23	3	65	57	–	3	5
Not reported	1 129	760	42	3	324	305	–	2	17

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	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	**76 276**	**59 029**	**1 406**	**355**	**15 486**	**12 497**	**2 188**	**592**	**210**
Total	**31 670**	**23 878**	**638**	**109**	**7 045**	**5 764**	**899**	**262**	**120**
Persons									
1 person	10 761	7 966	262	19	2 514	2 140	226	86	62
2 persons	8 783	6 325	164	26	2 269	1 832	300	92	46
3 persons	5 500	4 167	93	25	1 215	965	207	43	–
4 persons	3 685	2 908	81	12	684	539	113	23	9
5 persons	1 771	1 508	18	14	232	181	38	11	2
6 persons	693	582	14	5	91	69	13	7	2
7 persons or more	476	422	5	8	41	38	3	–	–
Median	**2.1**	**2.1**	**1.8**	**2.9**	**1.9**	**1.9**	**2.2**	**2.0**	**1.5-**
Number of Single Children Under 18 Years Old									
None	19 569	14 483	410	53	4 624	3 873	497	147	106
1	5 209	3 812	93	16	1 288	991	226	70	1
2	4 120	3 249	97	18	756	601	119	27	9
3	1 777	1 483	17	15	262	202	44	14	2
4	656	551	13	3	89	73	10	4	2
5	223	192	8	4	19	16	3	–	–
6 or more	116	109	–	1	7	7	–	–	–
Median	**.5-**	**.5-**	**.5-**	**.6**	**.5-**	**.5-**	**.5-**	**.5-**	**.5-**
Persons 65 Years Old and Over									
None	26 661	19 980	564	88	6 029	4 890	819	238	81
1 person	4 180	3 236	67	18	860	732	65	24	39
2 persons or more	829	662	7	4	156	142	15	–	–
Age of Householder									
Under 25 years	3 705	2 585	87	16	1 017	816	144	44	13
25 to 29	4 970	3 487	117	16	1 350	1 141	149	45	14
30 to 34	4 853	3 539	131	12	1 171	930	167	60	15
35 to 44	7 224	5 671	122	26	1 406	1 157	180	50	20
45 to 54	3 905	3 072	73	15	745	576	122	36	11
55 to 64	2 375	1 918	42	10	405	326	66	4	10
65 to 74	2 178	1 706	38	5	429	363	42	15	9
75 years and over	2 459	1 900	28	10	522	456	29	8	28
Median	**38**	**39**	**34**	**39**	**35**	**35**	**35**	**34**	**44**
Household Composition by Age of Householder									
2-or-more person households	20 909	15 912	376	90	4 532	3 624	673	176	58
Married-couple families, no nonrelatives	10 028	7 646	135	45	2 202	1 787	339	67	9
Under 25 years	926	618	16	5	287	216	59	11	–
25 to 29 years	1 859	1 287	26	6	540	424	88	28	–
30 to 34 years	1 787	1 355	36	7	390	322	50	12	6
35 to 44 years	2 593	2 090	25	12	466	378	72	14	2
45 to 64 years	2 020	1 630	28	11	351	293	55	2	1
65 years and over	843	666	5	4	168	153	15	–	–
Other male householder	3 525	2 583	87	6	849	622	152	50	25
Under 45 years	2 855	2 044	68	5	738	553	116	50	19
45 to 64 years	499	391	19	–	89	52	36	–	1
65 years and over	171	149	1	–	22	17	–	–	5
Other female householder	7 356	5 683	153	39	1 481	1 215	182	60	24
Under 45 years	5 616	4 261	123	23	1 210	1 008	141	42	19
45 to 64 years	1 354	1 089	16	13	236	173	41	17	5
65 years and over	386	333	14	4	35	34	–	1	–
1-person households	10 761	7 966	262	19	2 514	2 140	226	86	62
Male householder	4 897	3 619	148	10	1 119	914	123	57	26
Under 45 years	2 993	2 112	115	9	758	638	78	34	9
45 to 64 years	1 170	888	28	–	254	180	41	20	13
65 years and over	733	619	5	2	107	96	4	3	4
Female householder	5 865	4 347	114	9	1 394	1 226	103	29	36
Under 45 years	2 123	1 516	49	3	555	504	35	8	7
45 to 64 years	1 238	992	24	–	221	203	16	2	–
65 years and over	2 504	1 839	41	5	619	519	52	19	28
Adults and Single Children Under 18 Years Old									
Total households with children	12 101	9 395	228	56	2 422	1 891	402	115	14
Married couples	5 959	4 659	90	27	1 182	926	205	44	8
One child under 6 only	1 334	906	26	1	401	316	77	8	–
One under 6, one or more 6 to 17	1 110	940	13	6	151	136	16	–	–
Two or more under 6 only	826	614	15	–	196	143	39	14	–
Two or more under 6, one or more 6 to 17	470	398	4	7	61	45	14	–	2
One or more 6 to 17 only	2 220	1 801	32	13	373	286	59	23	6
Other households with two or more adults	2 315	1 840	44	15	416	309	77	31	–
One child under 6 only	542	423	1	2	116	77	30	8	–
One under 6, one or more 6 to 17	384	290	14	–	79	59	11	9	–
Two or more under 6 only	186	138	10	–	37	37	–	–	–
Two or more under 6, one or more 6 to 17	149	128	–	–	21	15	7	–	–
One or more 6 to 17 only	1 054	861	19	12	162	120	29	13	–
Households with one adult or none	3 826	2 896	93	14	823	657	121	40	6
One child under 6 only	618	417	14	2	185	130	47	9	–
One under 6, one or more 6 to 17	648	504	16	4	125	101	21	3	–
Two or more under 6 only	347	294	2	–	50	37	10	3	–
Two or more under 6, one or more 6 to 17	259	216	8	1	35	33	1	–	–
One or more 6 to 17 only	1 955	1 466	53	7	429	355	42	26	6
Total households with no children	19 569	14 483	410	53	4 624	3 873	497	147	106
Married couples	4 218	3 098	48	19	1 053	889	140	22	1
Other households with two or more adults	4 585	3 414	99	15	1 057	845	130	39	43
Households with one adult	10 765	7 970	262	19	2 514	2 140	226	86	62

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	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	20 659	15 354	423	63	4 820	4 023	532	152	112
With own children under 18 years	11 011	8 524	215	47	2 226	1 741	366	111	8
Under 6 years only	3 496	2 501	65	3	927	697	189	41	–
1	2 227	1 521	42	3	662	497	140	24	–
2	1 029	778	22	–	229	172	47	9	–
3 or more	239	202	1	–	37	28	1	7	–
6 to 17 years only	4 956	3 944	98	25	889	702	116	65	6
1	2 499	1 899	49	10	541	428	68	45	–
2	1 640	1 359	40	9	232	176	36	16	4
3 or more	817	686	10	6	116	98	12	4	2
Both age groups	2 559	2 079	52	18	410	342	61	4	2
2	1 160	903	30	7	221	196	24	2	–
3 or more	1 398	1 177	22	11	188	147	37	3	2
Persons Other Than Spouse or Children[1]									
With other relatives	5 157	4 162	88	30	877	701	137	30	9
Single adult offspring 18 to 29	2 494	2 053	37	15	388	295	84	8	–
Single adult offspring 30 years of age or over	520	451	7	2	60	55	3	1	–
Households with three generations	648	529	6	4	108	86	14	8	–
Households with 1 subfamily	741	608	11	2	120	96	16	7	–
Subfamily hd	476	391	4	1	81	64	11	7	–
30 to 64	244	203	7	1	32	26	6	–	–
65 and over	20	14	–	–	6	6	–	–	–
Households with 2 or more subfamilies	38	33	–	–	5	2	3	–	–
Households with other types of relatives	2 269	1 781	39	15	434	355	50	21	9
With non-relatives	4 128	3 021	83	16	1 008	786	129	52	41
Co-owners or co-renters	2 063	1 486	39	11	527	426	39	34	29
Lodgers	...	...	...	...	...	...	...	...	...
Unrelated children, under 18 years old	429	340	4	4	81	69	12	–	–
Other non-relatives	713	542	21	3	146	94	39	12	1
One or more secondary families	320	246	4	3	67	57	10	–	–
2-person households, none related to each other	2 348	1 632	48	4	664	525	72	30	36
3-8 person households, none related to each other	513	421	6	6	79	63	11	–	5
Years of School Completed by Householder									
No school years completed	187	163	2	1	20	10	7	–	4
Elementary:									
less than 8 years	1 772	1 482	32	9	248	149	69	23	6
8 years	1 168	950	11	9	199	133	57	9	–
High School:									
1 to 3 years	4 159	3 277	87	8	787	515	210	32	31
4 years	11 184	8 448	271	38	2 427	1 882	394	128	23
College:									
1 to 3 years	6 545	4 782	133	27	1 603	1 429	108	46	21
4 years or more	6 655	4 775	101	17	1 761	1 647	54	24	36
Median	**12.8**	**12.7**	**12.7**	**12.7**	**12.9**	**13.5**	**12.3**	**12.5**	**12.9**
Year Householder Moved Into Unit									
1990 to 1994	21 425	15 379	378	49	5 620	4 687	672	202	59
1985 to 1989	5 524	4 317	69	12	1 127	893	161	40	32
1980 to 1984	1 913	1 665	27	5	217	175	25	15	1
1975 to 1979	1 047	1 009	12	4	22	3	15	5	–
1970 to 1974	635	570	14	7	45	4	19	–	22
1960 to 1969	603	559	25	12	7	–	2	–	5
1950 to 1959	290	211	59	15	5	–	5	–	–
1940 to 1949	173	112	54	7	–	–	–	–	–
1939 or earlier	60	57	–	–	3	3	–	–	–
Median	**1985**	**1985**	**1967**	**1968**	**1986**	**1987**	**1986**	**1986**	**1985**
Household Moves and Formation in Last Year									
Total with a move in last year	11 971	8 449	253	45	3 224	2 614	420	151	38
Household all moved here from one unit	8 546	5 920	185	28	2 412	1 977	306	112	18
Householder of previous unit did not move here	2 029	1 404	54	7	565	422	93	36	14
Householder of previous unit moved here	6 268	4 349	126	21	1 772	1 494	199	75	4
Householder of previous unit not reported	248	168	5	–	75	60	14	1	–
Household moved here from two or more units	1 794	1 220	37	11	526	423	64	27	11
No previous householder moved here	522	312	10	3	197	150	34	9	4
1 previous householder moved here	338	222	3	4	108	92	8	6	2
2 or more previous householders moved here	770	563	21	3	182	147	19	11	5
Previous householder(s) not reported	164	122	3	–	38	35	3	1	–
Some already here, rest moved in	1 611	1 290	31	6	284	212	50	12	9
No previous householder moved here	630	529	14	2	84	58	14	9	4
1 or more previous householders moved here	760	580	12	3	165	131	31	4	–
Previous householder(s) not reported	221	181	5	1	34	24	5	–	5
Number of previous units not reported	21	19	–	–	2	2	–	–	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**31 670**	**23 878**	**638**	**109**	**7 045**	**5 764**	**899**	**262**	**120**
Household Income									
Less than $5,000	2 856	2 258	60	7	531	365	99	46	21
$5,000 to $9,999	5 124	3 971	99	20	1 033	750	188	63	32
$10,000 to $14,999	3 844	2 934	114	16	781	581	157	35	8
$15,000 to $19,999	3 337	2 508	87	8	734	548	154	10	22
$20,000 to $24,999	3 290	2 598	58	14	620	524	70	19	7
$25,000 to $29,999	3 151	2 386	59	7	699	610	60	23	6
$30,000 to $34,999	2 154	1 522	36	7	588	491	70	16	11
$35,000 to $39,999	1 647	1 228	26	6	386	340	29	15	3
$40,000 to $49,999	2 476	1 777	36	8	655	602	40	10	2
$50,000 to $59,999	1 489	1 052	27	4	407	368	23	15	–
$60,000 to $79,999	1 399	1 031	28	8	333	315	8	1	8
$80,000 to $99,999	479	336	3	2	138	135	–	4	–
$100,000 to $119,999	200	130	5	1	64	62	–	2	–
$120,000 or more	225	147	–	2	76	73	–	3	–
Median	**21 025**	**20 516**	**17 641**	**21 587**	**23 569**	**25 925**	**15 195**	**13 167**	**14 023**
As percent of poverty level:									
Less than 50 percent	3 096	2 459	58	10	569	381	119	48	21
50 to 99	4 722	3 710	99	22	890	637	186	55	12
100 to 149	4 571	3 546	110	14	902	665	169	43	24
150 to 199	3 536	2 719	81	10	726	566	133	7	19
200 percent or more	15 745	11 443	291	54	3 958	3 515	291	109	43
Income of Families and Primary Individuals									
Less than $5,000	3 218	2 511	64	11	632	436	117	50	29
$5,000 to $9,999	5 531	4 293	115	17	1 106	803	203	63	37
$10,000 to $14,999	4 126	3 143	113	18	852	627	165	43	17
$15,000 to $19,999	3 457	2 620	94	10	733	568	137	13	14
$20,000 to $24,999	3 365	2 648	56	12	649	562	67	18	2
$25,000 to $29,999	3 196	2 391	63	7	735	654	61	13	7
$30,000 to $34,999	2 036	1 445	27	6	557	469	63	17	7
$35,000 to $39,999	1 512	1 102	22	7	382	335	27	15	5
$40,000 to $49,999	2 145	1 541	32	6	565	519	34	10	2
$50,000 to $59,999	1 227	846	24	4	353	327	15	11	–
$60,000 to $79,999	1 101	825	19	7	250	242	8	–	–
$80,000 to $99,999	395	284	3	1	107	103	–	4	–
$100,000 to $119,999	171	111	5	1	55	52	–	2	–
$120,000 or more	188	117	–	2	69	66	–	3	–
Median	**19 280**	**18 802**	**16 440**	**19 075**	**21 533**	**23 981**	**13 918**	**12 085**	**9 202**
Income Sources of Families and Primary Individuals									
Wages and salaries	23 317	17 332	481	82	5 422	4 497	703	179	42
Wages and salaries were majority of income	21 431	15 831	441	79	5 079	4 203	662	174	40
2 or more people each earned over 20% of wages and salaries	5 748	4 354	92	29	1 273	1 042	171	53	6
Business, farm, or ranch	1 851	1 352	35	12	451	388	39	18	6
Social security or pensions	6 370	4 955	101	25	1 290	1 076	109	48	57
Interest	7 893	5 798	152	23	1 919	1 767	80	41	31
Stock dividend(s)	2 276	1 545	37	2	693	659	13	18	2
Rental income	3 612	2 577	62	11	962	789	101	32	40
With lodger(s)	...	...	...	...	...	...	...	...	...
Welfare or SSI	4 102	3 251	107	19	726	527	130	54	15
Alimony or child support	1 817	1 294	43	8	473	364	89	20	–
Other	4 642	3 502	105	14	1 020	822	142	35	20
Amount of Savings and Investments									
Income of $25,000 or less	20 318	15 668	452	71	4 127	3 125	699	197	106
No savings or investments	13 841	10 706	339	46	2 750	1 943	588	169	50
$25,000 or less	4 450	3 405	82	16	947	798	89	16	44
More than $25,000	551	443	11	3	94	90	5	–	–
Not reported	1 477	1 114	20	6	337	295	17	12	13
Food Stamps									
Income of $25,000 or less	20 318	15 668	452	71	4 127	3 125	699	197	106
Family members received food stamps	5 325	4 265	114	21	925	606	236	79	4
Did not receive food stamps	14 020	10 692	324	43	2 962	2 306	450	112	93
Not reported	973	711	14	7	241	213	12	6	10
Rent Reductions									
No subsidy or income reporting	26 651	20 041	579	92	5 940	4 792	834	225	90
Rent control	930	889	13	3	25	24	–	–	–
No rent control	25 707	19 143	565	89	5 910	4 762	834	224	90
Reduced by owner	1 729	1 382	54	6	288	167	94	27	–
Not reduced by owner	23 926	17 720	511	83	5 611	4 588	736	197	90
Owner reduction not reported	52	41	–	–	11	7	4	–	–
Rent control not reported	14	9	–	–	5	5	–	–	–
Owned by public housing authority	2 100	1 640	19	7	434	406	–	9	19
Other, Federal subsidy	1 565	1 134	18	6	407	340	33	25	9
Other, State or local subsidy	539	429	15	1	93	80	11	1	–
Other, income verification	523	400	7	2	114	108	4	–	2
Subsidy or income verification not reported	293	234	–	1	57	39	17	2	–

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**31 670**	**23 878**	**638**	**109**	**7 045**	**5 764**	**899**	**262**	**120**
Monthly Housing Costs									
Less than $100	483	368	11	1	104	82	14	–	8
$100 to $199	1 963	1 515	30	3	414	295	70	34	16
$200 to $249	1 354	978	45	5	326	167	107	36	15
$250 to $299	1 570	1 204	41	8	317	168	119	22	7
$300 to $349	1 889	1 502	60	7	320	170	104	44	2
$350 to $399	2 510	2 052	57	12	389	249	116	18	6
$400 to $449	2 631	2 031	47	19	534	414	102	18	–
$450 to $499	2 659	1 999	59	6	596	517	54	23	2
$500 to $599	4 572	3 468	78	10	1 016	966	26	22	2
$600 to $699	3 568	2 628	68	9	862	794	27	6	35
$700 to $799	2 320	1 664	48	12	596	572	14	4	7
$800 to $999	2 259	1 592	30	3	635	621	8	5	2
$1,000 to $1,249	981	678	10	7	286	284	–	2	–
$1,250 to $1,499	384	272	10	1	101	100	–	1	–
$1,500 or more	280	169	2	1	108	105	–	3	–
No cash rent	2 247	1 757	42	6	442	262	138	23	19
Mortgage payment not reported	...	...	...	...	...	...	...	...	...
Median (excludes no cash rent)	**493**	**485**	**456**	**442**	**530**	**571**	**334**	**331**	**376**
Monthly Housing Costs as Percent of Current Income									
Less than 5 percent	144	110	4	3	26	21	–	5	–
5 to 9 percent	853	659	11	1	181	135	29	14	4
10 to 14 percent	2 695	1 964	61	11	659	510	104	39	5
15 to 19 percent	3 856	2 787	76	10	984	814	140	21	9
20 to 24 percent	3 896	2 851	86	20	939	854	70	8	8
25 to 29 percent	3 555	2 637	55	9	853	757	66	24	6
30 to 34 percent	2 804	2 103	57	11	634	533	87	7	7
35 to 39 percent	1 995	1 492	37	14	453	370	49	32	2
40 to 49 percent	2 636	2 017	62	9	548	471	52	17	9
50 to 59 percent	1 514	1 202	55	3	254	225	20	7	2
60 to 69 percent	1 063	821	16	1	226	168	38	19	–
70 to 99 percent	1 786	1 415	31	3	338	246	38	28	25
100 percent or more[1]	2 145	1 666	40	10	430	347	52	10	21
Zero or negative income	480	397	5	–	78	51	15	8	4
No cash rent	2 247	1 757	42	6	442	262	138	23	19
Mortgage payment not reported	...	...	...	...	...	...	...	...	...
Median (excludes 3 previous lines)	**29**	**30**	**30**	**29**	**28**	**28**	**27**	**33**	**49**
Median (excludes 4 lines before medians)	**28**	**28**	**28**	**26**	**27**	**26**	**25**	**30**	**34**
Nonrelatives' Shared Housing Costs									
Nonrelatives in housing units	2 947	2 121	51	10	765	615	85	27	39
Less than $100 per month	1 286	947	22	2	314	245	53	5	11
$100 to $199	290	221	7	–	62	36	12	12	2
$200 to $299	455	329	9	2	115	93	13	9	–
$300 to $399	360	230	6	–	124	119	4	1	–
$400 or more per month	441	299	7	5	129	104	–	–	25
Not reported	116	94	–	–	21	17	4	–	–
Median	**145**	**130**	**144**	**...**	**194**	**218**	**50-**	**...**	**...**
Monthly Cost Paid for Electricity									
Electricity used	31 660	23 868	638	109	7 045	5 764	899	262	120
Less than $25	4 148	3 461	65	10	611	533	52	24	2
$25 to $49	9 690	7 323	188	26	2 153	1 757	315	74	7
$50 to $74	5 893	4 146	74	23	1 650	1 397	221	28	3
$75 to $99	2 961	2 031	41	9	879	766	92	16	5
$100 to $149	2 077	1 415	18	8	637	532	90	13	2
$150 to $199	538	394	2	3	139	117	17	5	–
$200 or more	287	216	–	4	68	63	2	2	–
Median	**47**	**46**	**42**	**56**	**55**	**55**	**53**	**44**	**51**
Included in rent, other fee, or obtained free	6 065	4 881	248	27	909	598	109	102	101
Monthly Cost Paid for Piped Gas									
Piped gas used	20 333	16 834	466	81	2 952	2 383	333	165	72
Less than $25	6 036	4 774	102	14	1 146	990	99	40	16
$25 to $49	5 006	4 082	83	14	827	653	127	42	5
$50 to $74	1 913	1 702	36	17	157	126	24	1	7
$75 to $99	612	535	15	7	55	52	–	3	–
$100 to $149	304	277	11	1	16	7	4	2	2
$150 to $199	76	74	–	–	1	–	1	–	–
$200 or more	80	71	–	–	9	7	1	1	–
Median	**30**	**31**	**32**	**47**	**25-**	**25-**	**31**	**27**	**25-**
Included in rent, other fee, or obtained free	6 305	5 318	218	28	741	547	76	76	42
Average Monthly Cost Paid for Fuel Oil									
Fuel oil used	4 670	4 125	150	16	380	256	46	58	20
Less than $25	484	440	8	1	34	30	4	–	–
$25 to $49	503	423	18	3	58	32	14	7	5
$50 to $74	542	476	14	2	49	33	13	3	–
$75 to $99	284	253	8	1	23	20	–	3	–
$100 to $149	195	182	–	–	13	13	–	–	–
$150 to $199	45	42	–	–	2	2	–	–	–
$200 or more	23	19	–	–	4	–	–	–	4
Median	**52**	**53**	**47**	**...**	**50**	**52**	**...**	**47**	**...**
Included in rent, other fee, or obtained free	2 596	2 289	102	8	197	127	15	44	11
Property Insurance									
Property insurance paid	8 500	6 245	103	26	2 126	1 935	127	47	17
Median per month	**16**	**16**	**13**	**...**	**17**	**17**	**16**	**...**	**...**

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Monthly Costs Paid for Selected Utilities and Fuels									
Water paid separately	6 510	5 097	92	23	1 298	1 028	229	31	9
Median	**21**	**21**	**23**	**...**	**21**	**21**	**22**	**...**	**...**
Trash paid separately	4 916	3 893	93	16	913	701	184	26	2
Median	**13**	**13**	**10-**	**...**	**14**	**14**	**12**	**...**	**...**
Bottled gas paid separately	1 253	797	19	5	432	155	265	9	3
Median	**44**	**47**	**...**	**...**	**42**	**50**	**36**	**...**	**...**
Other fuel paid separately	2 346	1 701	39	5	602	435	150	14	2
Median	**11**	**13**	**...**	**...**	**10-**	**10-**	**23**	**...**	**...**

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**28 784**	**23 829**	**324**	**173**	**4 459**	**4 156**	**164**	**96**	**44**
Tenure									
Owner occupied	14 686	12 354	62	111	2 159	2 045	101	9	4
Percent of all occupied	51.0	51.8	19.1	64.1	48.4	49.2	62.0	9.0	9.6
Renter occupied	14 098	11 474	262	62	2 300	2 111	62	87	40
Race and Origin									
White	21 261	17 299	204	117	3 641	3 375	151	78	38
Non-Hispanic	18 540	15 027	174	103	3 236	3 022	137	48	29
Hispanic	2 720	2 272	30	14	405	352	14	30	9
Black	5 791	5 115	84	47	545	525	4	12	4
Other	1 732	1 414	36	9	273	256	9	7	2
Total Hispanic	3 329	2 817	49	16	448	387	18	34	9
Units in Structure									
1, detached	14 066	12 259	–	96	1 710	1 681	8	13	8
1, attached	2 282	1 842	–	18	422	421	–	1	–
2 to 4	4 284	3 573	265	34	412	361	13	38	–
5 to 9	2 138	1 597	47	8	486	475	–	11	–
10 to 19	1 783	1 259	1	5	518	498	–	2	18
20 to 49	1 665	1 283	10	4	367	332	4	21	11
50 or more	2 246	1 907	–	7	333	315	–	10	8
Mobile home or trailer	321	109	–	–	212	73	139	–	–
Cooperatives and Condominiums									
Cooperatives	466	435	1	3	28	28	–	–	–
Condominiums	1 203	759	2	4	438	437	–	1	–
Year Structure Built[1]									
1990 to 1994	749	–	–	–	749	749	–	–	–
1985 to 1989	1 708	–	–	–	1 708	1 708	–	–	–
1980 to 1984	1 786	88	–	–	1 698	1 698	–	–	–
1975 to 1979	2 175	2 077	11	8	78	–	63	14	1
1970 to 1974	2 584	2 506	14	3	62	–	45	9	8
1960 to 1969	4 249	4 176	19	17	37	–	30	8	–
1950 to 1959	4 183	4 105	29	25	23	–	15	3	5
1940 to 1949	3 076	2 973	52	16	35	–	7	19	9
1930 to 1939	2 801	2 520	177	92	11	–	–	5	6
1920 to 1929	2 379	2 356	4	4	15	–	–	13	2
1919 or earlier	3 094	3 028	17	7	42	–	4	25	14
Median	**1956**	**1953**	**1938**	**1938**	**1985**	**1985**	**1973**	**1943**	**...**
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	28 784	23 829	324	173	4 459	4 156	164	96	44
In central cities	28 784	23 829	324	173	4 459	4 156	164	96	44
Suburbs	...	...	...	...	...	...	...	...	...
Outside metropolitan statistical areas	...	...	...	...	...	...	...	...	...
Regions									
Northeast	6 005	5 447	145	58	354	281	7	41	25
Midwest	6 461	5 665	70	48	678	646	19	10	4
South	9 271	7 264	39	46	1 922	1 827	58	36	1
West	7 048	5 452	70	21	1 505	1 402	80	9	14
Urbanized Areas									
Inside urbanized areas	28 201	23 499	322	173	4 207	3 908	159	96	44
In central cities of (P)MSA's	28 201	23 499	322	173	4 207	3 908	159	96	44
Urban fringe	...	...	...	...	...	...	...	...	...
Outside urbanized areas	584	329	2	–	252	247	5	–	–
Other urban	420	298	2	–	120	118	2	–	–
Rural	164	31	–	–	132	129	3	–	–
Place Size[2]									
Less than 2,500 persons	–	–	–	–	–	–	–	–	–
2,500 to 9,999 persons	–	–	–	–	–	–	–	–	–
10,000 to 19,999 persons	144	87	9	–	48	48	–	–	–
20,000 to 49,999 persons	2 859	2 232	45	10	573	534	14	15	10
50,000 to 99,999 persons	4 148	3 388	39	18	703	655	27	14	8
100,000 to 249,999 persons	6 141	4 830	41	27	1 243	1 171	64	4	4
250,000 to 499,999 persons	4 925	4 111	40	27	748	703	29	11	5
500,000 to 999,999 persons	4 347	3 554	61	30	701	675	13	13	–
1,000,000 persons or more	6 220	5 626	90	61	443	370	16	40	16

[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. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**28 784**	**23 829**	**324**	**173**	**4 459**	**4 156**	**164**	**96**	**44**
Stories in Structure									
1	872	664	35	5	168	160	–	8	–
2	3 933	2 795	93	12	1 033	1 004	13	7	9
3	3 145	2 481	112	16	534	507	–	18	10
4 to 6	2 400	2 104	80	14	202	172	–	20	10
7 or more	1 765	1 575	3	10	178	138	4	29	8
Not reported	1	–	1	–	–	–	–	–	–
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	11 242	8 955	288	52	1 947	1 820	17	74	36
None (on same floor)	3 700	2 883	127	16	675	655	7	11	2
1 (up or down)	3 078	2 404	81	16	576	543	7	17	9
2 or more (up or down)	3 808	3 153	73	18	563	495	4	44	21
Not reported	657	515	7	2	133	127	–	2	4
Common Stairways									
Multiunits, 2 or more floors	11 242	8 955	288	52	1 947	1 820	17	74	36
No common stairways	1 922	1 510	121	11	281	260	–	17	5
With common stairways	8 795	7 053	163	40	1 540	1 436	17	57	31
No loose steps	8 166	6 522	131	35	1 477	1 385	17	52	24
Railings not loose	7 532	6 010	112	30	1 380	1 294	17	49	20
Railings loose	295	223	12	4	57	54	–	–	4
No railings	291	252	8	2	30	28	–	2	–
Status of railings not reported	48	38	–	–	10	10	–	–	–
Loose steps	613	514	31	4	63	51	–	5	7
Railings not loose	437	365	16	3	52	41	–	4	7
Railings loose	126	107	13	1	4	2	–	1	–
No railings	40	33	2	–	5	5	–	–	–
Status of railings not reported	11	9	–	–	2	2	–	–	–
Status of steps not reported	16	16	–	–	–	–	–	–	–
Status of stairways not reported	525	392	5	2	126	125	–	1	–
Light Fixtures in Public Halls									
2 or more units in structure	12 115	9 619	323	57	2 115	1 980	17	82	36
No public halls	3 968	2 964	194	20	790	751	–	35	3
No light fixtures in public halls	22	22	–	–	–	–	–	–	–
All in working order	5 243	4 342	64	28	809	737	7	40	26
Some in working order	331	287	28	1	15	15	–	–	–
None in working order	20	17	3	1	–	–	–	–	–
Unable to determine if working	1 838	1 476	26	5	331	308	10	6	7
Not reported	693	512	8	3	170	169	–	1	–
Elevator on Floor									
Multiunits, 2 or more floors	11 242	8 955	288	52	1 947	1 820	17	74	36
With 1 or more elevators working	2 414	2 009	3	10	393	340	4	31	18
With elevator, none in working condition	82	67	–	–	16	16	–	–	–
No elevator	8 223	6 499	278	40	1 405	1 331	13	42	18
Units 3 or more floors from main entrance	619	522	32	3	61	52	–	9	–
Not reported	523	379	7	3	134	133	–	1	–
Foundation									
1 unit bldg. excl. mobile homes	16 348	14 101	–	115	2 132	2 103	8	14	8
With basement under all of building	5 776	5 310	–	71	395	393	–	–	2
With basement under part of building	1 328	1 187	–	11	131	131	–	–	–
With crawl space	3 974	3 594	–	23	357	351	–	1	6
On concrete slab	4 945	3 714	–	7	1 224	1 208	4	12	–
Other	324	296	–	3	26	21	4	1	–
Not reported	–	–	–	–	–	–	–	–	–
External Building Conditions[1]									
Sagging roof	42	42	–	–	–	–	–	–	–
Missing roofing material	76	66	–	2	7	7	–	–	–
Hole in roof	9	8	–	1	–	–	–	–	–
Could not see roof	1 890	1 629	61	13	187	150	4	33	–
Missing bricks, siding, other outside wall material	211	190	11	4	7	7	–	–	–
Sloping outside walls	33	32	–	1	–	–	–	–	–
Boarded up windows	115	110	2	1	3	2	–	1	–
Broken windows	165	150	6	1	8	8	–	–	–
Bars on windows	448	388	16	3	41	16	4	21	–
Foundation crumbling or has open crack or hole	182	152	14	1	15	7	–	7	–
Could not see foundation	759	672	23	5	60	43	4	14	–
None of the above	8 936	6 963	229	39	1 705	1 609	13	47	36
Could not observe or not reported	787	578	13	3	193	192	–	2	–
Site Placement									
Mobile homes	321	109	–	–	212	73	139	–	–
First site	172	69	–	–	102	41	62	–	–
Moved from another site	46	16	–	–	30	15	15	–	–
Don't know	84	22	–	–	63	9	53	–	–
Not reported	19	2	–	–	17	8	9	–	–
Previous Occupancy									
Unit built 1980 or later	4 243	88	–	–	4 156	4 156	–	–	–
Not previously occupied	1 418	2	–	–	1 416	1 416	–	–	–
Not reported	708	51	–	–	657	653	–	4	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**28 784**	**23 829**	**324**	**173**	**4 459**	**4 156**	**164**	**96**	**44**
Rooms									
1 room	347	276	37	–	34	21	–	3	10
2 rooms	525	439	23	–	62	39	–	15	8
3 rooms	3 689	2 970	85	9	626	584	17	25	–
4 rooms	5 983	4 727	81	16	1 158	1 053	59	35	12
5 rooms	6 333	5 379	49	24	882	806	55	13	8
6 rooms	5 565	4 787	25	36	717	694	17	1	5
7 rooms	3 290	2 862	11	26	391	377	10	4	–
8 rooms	1 730	1 386	5	26	312	305	5	–	2
9 rooms	794	600	5	18	171	171	–	–	–
10 rooms or more	529	402	5	16	106	105	–	–	–
Median	**5.1**	**5.2**	**3.7**	**6.5**	**4.9**	**5.0**	**4.6**	**3.6**	**...**
Bedrooms									
None	686	576	52	–	58	44	–	5	10
1	5 127	4 126	114	12	875	801	27	39	8
2	9 496	7 818	95	41	1 542	1 399	91	40	12
3	10 024	8 511	49	59	1 405	1 345	41	11	8
4 or more	3 451	2 798	14	60	579	567	5	1	7
Median	**2.4**	**2.4**	**1.5**	**3.1**	**2.3**	**2.4**	**2.1**	**1.6**	**...**
Complete Bathrooms									
None	181	130	26	–	25	7	3	6	9
1	16 046	14 180	266	47	1 553	1 363	88	78	23
1 and one-half	4 062	3 606	9	19	429	389	27	5	8
2 or more	8 495	5 913	23	106	2 453	2 397	46	7	4
Square Footage of Unit									
Single detached and mobile homes	14 387	12 368	–	97	1 922	1 754	147	13	8
Less than 500	143	110	–	–	32	3	21	8	1
500 to 749	414	381	–	4	29	9	20	–	–
750 to 999	1 194	1 067	–	2	125	70	55	–	–
1,000 to 1,499	3 551	3 166	–	8	376	355	21	–	–
1,500 to 1,999	3 247	2 769	–	10	467	464	3	–	–
2,000 to 2,499	2 184	1 874	–	8	302	299	4	–	–
2,500 to 2,999	1 034	865	–	3	166	166	–	–	–
3,000 to 3,999	919	760	–	6	154	154	–	–	–
4,000 or more	540	442	–	7	90	90	–	–	–
Not reported	1 161	933	–	48	180	145	23	6	7
Median	**1 702**	**1 679**	**...**	**1 943**	**1 830**	**1 896**	**845**	**...**	**...**
Lot Size									
Less than one-eighth acre	2 615	2 347	–	28	240	198	37	4	–
One-eighth up to one-quarter acre	3 928	3 403	–	24	502	493	9	–	–
One-quarter up to one-half acre	2 125	1 763	–	11	351	342	9	–	–
One-half up to one acre	898	749	–	6	143	139	4	–	–
1 to 4 acres	561	465	–	2	93	93	–	–	–
5 to 9 acres	20	10	–	–	10	5	5	–	–
10 acres or more	35	32	–	1	2	2	–	–	–
Don't know	4 407	3 684	–	29	694	614	64	8	8
Not reported	2 080	1 757	–	15	309	288	19	2	–
Median	**.21**	**.20**	**...**	**.17**	**.23**	**.24**	**.13-**	**...**	**...**
Persons Per Room									
0.50 or less	19 187	15 808	174	99	3 105	2 923	112	43	27
0.51 to 1.00	8 463	7 017	132	65	1 249	1 144	49	48	8
1.01 to 1.50	890	809	3	8	69	62	3	4	–
1.51 or more	245	194	14	1	36	26	–	1	9
Square Feet Per Person									
Single detached and mobile homes	14 387	12 368	–	97	1 922	1 754	147	13	8
Less than 200	395	349	–	4	41	21	15	4	1
200 to 299	991	877	–	3	111	87	20	4	–
300 to 399	1 362	1 130	–	7	225	216	10	–	–
400 to 499	1 409	1 191	–	5	214	183	30	–	–
500 to 599	1 263	1 079	–	5	179	170	9	–	–
600 to 699	1 177	995	–	2	180	177	3	–	–
700 to 799	987	824	–	9	154	144	10	–	–
800 to 899	794	679	–	–	115	111	5	–	–
900 to 999	808	694	–	3	111	101	9	–	–
1,000 to 1,499	2 143	1 894	–	9	240	229	11	–	–
1,500 or more	1 897	1 723	–	2	171	171	–	–	–
Not reported	1 161	933	–	48	180	145	23	6	7
Median	**702**	**712**	**...**	**641**	**656**	**672**	**455**	**...**	**...**

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**28 784**	**23 829**	**324**	**173**	**4 459**	**4 156**	**164**	**96**	**44**
Equipment[1]									
Lacking complete kitchen facilities	397	314	19	1	63	37	–	9	17
With complete kitchen (sink, refrigerator and burners)	28 387	23 515	305	171	4 396	4 119	164	87	27
Kitchen sink	28 580	23 676	305	171	4 427	4 144	164	93	27
Refrigerator	28 656	23 732	310	173	4 442	4 141	164	94	44
Less than 5 years old	10 048	7 878	110	56	2 004	1 920	24	41	20
Age not reported	645	479	4	2	161	157	–	3	–
Burners and oven	28 540	23 637	307	173	4 423	4 145	164	87	27
Less than 5 years old	7 571	5 765	85	51	1 671	1 614	22	24	10
Age not reported	712	502	2	–	207	201	3	4	–
Burners only	44	39	–	–	5	–	–	5	–
Less than 5 years old	7	7	–	–	–	–	–	–	–
Age not reported	7	7	–	–	–	–	–	–	–
Oven only	40	29	–	–	11	10	–	1	–
Less than 5 years old	18	11	–	–	6	6	–	1	–
Age not reported	–	–	–	–	–	–	–	–	–
Neither burners nor oven	160	123	17	–	20	–	–	3	16
Dishwasher	13 050	9 295	36	77	3 642	3 571	52	8	12
Less than 5 years old	4 495	2 922	10	32	1 531	1 505	13	7	7
Age not reported	401	235	–	2	164	161	3	–	–
Washing machine	18 903	15 489	115	133	3 165	3 052	104	7	2
Less than 5 years old	6 947	5 404	38	47	1 458	1 412	46	1	–
Age not reported	205	135	5	3	62	62	–	–	–
Clothes dryer	16 471	13 166	98	108	3 098	2 989	101	7	2
Less than 5 years old	5 595	4 159	31	36	1 370	1 340	30	1	–
Age not reported	186	113	2	3	67	67	–	–	–
Disposal in kitchen sink	12 980	9 324	39	53	3 565	3 498	59	4	4
Less than 5 years old	4 684	3 047	16	23	1 598	1 577	16	4	–
Age not reported	754	524	2	4	224	209	15	–	–
Air conditioning:									
Central	11 953	8 522	44	43	3 343	3 265	51	16	12
1 room unit	5 181	4 777	57	31	316	238	40	37	1
2 room units	2 271	2 134	30	18	90	63	12	15	–
3 room units or more	927	882	1	20	24	20	4	–	–
Main Heating Equipment									
Warm-air furnace	14 888	12 070	128	70	2 620	2 481	110	20	10
Steam or hot water system	5 863	5 406	120	64	274	199	20	39	16
Electric heat pump	2 021	1 159	2	4	856	838	8	–	10
Built-in electric units	1 852	1 372	18	5	455	432	7	12	5
Floor, wall, or other built-in hot air units without ducts	1 944	1 788	24	12	121	102	6	12	–
Room heaters with flue	476	450	13	4	9	9	–	–	–
Room heaters without flue	467	450	1	4	13	8	3	1	–
Portable electric heaters	225	202	11	3	9	2	3	4	–
Stoves	173	168	–	–	5	5	–	–	–
Fireplaces with inserts	80	62	–	–	18	18	–	–	–
Fireplaces without inserts	76	55	–	–	20	20	–	–	–
Other	353	315	–	2	36	29	3	5	–
None	367	332	7	5	23	12	3	4	4
Other Heating Equipment									
With other heating equipment[1]	6 236	4 855	49	42	1 290	1 244	33	13	–
Warm-air furnace	151	121	–	3	27	27	–	–	–
Steam or hot water system	33	30	–	2	1	–	–	1	–
Electric heat pump	80	52	–	–	29	29	–	–	–
Built-in electric units	417	374	9	2	32	32	–	–	–
Floor, wall, or other built-in hot-air units without ducts	115	110	2	–	3	3	–	–	–
Room heaters with flue	171	157	2	2	10	10	–	–	–
Room heaters without flue	266	240	–	6	21	17	3	–	–
Portable electric heaters	1 685	1 523	24	10	128	103	13	12	–
Stoves	412	334	4	1	73	64	8	–	–
Fireplaces with inserts	737	494	2	8	233	233	–	–	–
Fireplaces with no inserts	2 538	1 723	10	11	793	782	11	–	–
Other	164	132	2	–	29	29	–	–	–
Plumbing									
With all plumbing facilities	28 356	23 491	285	169	4 411	4 126	160	89	35
Lacking some plumbing facilities[1]	87	56	22	–	9	2	3	4	–
No hot piped water	6	–	–	–	6	2	–	4	–
No bathtub nor shower	80	52	22	–	7	–	3	4	–
No flush toilet	55	35	20	–	–	–	–	–	–
No plumbing facilities for exclusive use	341	281	17	3	39	27	–	3	9
Source of Water									
Public system or private company	28 150	23 323	324	166	4 337	4 047	150	96	44
Well serving 1 to 5 units	185	128	–	2	55	42	13	–	–
Drilled	146	101	–	2	43	38	6	–	–
Dug	18	13	–	–	4	4	–	–	–
Not reported	21	13	–	–	8	–	8	–	–
Other	449	378	–	5	67	67	–	–	–

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	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	28 225	23 408	323	170	4 324	4 035	150	96	44
Septic tank, cesspool, chemical toilet	559	421	1	3	135	121	14	–	–
Other	–	–	–	–	–	–	–	–	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**28 784**	**23 829**	**324**	**173**	**4 459**	**4 156**	**164**	**96**	**44**
Main House Heating Fuel									
Housing units with heating fuel	28 418	23 497	317	168	4 436	4 143	161	92	40
Electricity	6 954	4 558	41	16	2 338	2 271	31	22	15
Piped gas	17 421	15 205	222	130	1 864	1 669	117	61	17
Bottled gas	108	85	–	1	22	19	3	–	–
Fuel oil	3 312	3 093	54	18	146	122	6	10	8
Kerosene or other liquid fuel	80	77	–	–	3	–	3	–	–
Coal or coke	15	15	–	–	–	–	–	–	–
Wood	351	305	–	–	46	46	–	–	–
Solar energy	3	–	–	–	3	3	–	–	–
Other	174	157	–	2	14	13	–	–	1
Other House Heating Fuels									
With other heating fuels[1]	3 436	2 729	36	19	652	629	18	4	2
Electricity	1 374	1 208	24	6	135	121	10	4	–
Piped gas	237	190	2	–	45	45	–	–	–
Bottled gas	14	12	–	–	3	3	–	–	–
Fuel oil	88	88	–	–	–	–	–	–	–
Kerosene or other liquid fuel	159	143	–	3	12	12	–	–	–
Coal or coke	13	12	1	1	–	–	–	–	–
Wood	1 550	1 063	12	10	466	455	10	–	–
Solar energy	15	10	–	–	5	5	–	–	–
Other	108	94	2	–	12	10	–	–	2
Not reported	131	109	–	–	22	18	–	4	–
Cooking Fuel									
With cooking fuel	28 615	23 698	307	173	4 437	4 153	164	93	27
Electricity	14 079	10 585	99	58	3 338	3 229	66	26	17
Piped gas	14 391	12 988	208	115	1 081	912	92	67	10
Bottled gas	122	103	–	–	18	12	6	–	1
Kerosene or other liquid fuel	5	5	–	–	–	–	–	–	–
Coal or coke	2	2	–	–	–	–	–	–	–
Wood	–	–	–	–	–	–	–	–	–
Other	15	15	–	–	–	–	–	–	–
Water Heating Fuel									
With hot piped water	28 737	23 803	320	173	4 442	4 153	164	90	35
Electricity	7 548	5 257	40	26	2 224	2 126	64	19	16
Piped gas	18 802	16 351	243	129	2 079	1 908	96	63	12
Bottled gas	98	81	1	1	15	13	3	–	–
Fuel oil	2 035	1 923	34	10	68	52	2	7	8
Kerosene or other liquid fuel	–	–	–	–	–	–	–	–	–
Coal or coke	5	5	–	–	–	–	–	–	–
Wood	–	–	–	–	–	–	–	–	–
Solar energy	79	61	–	–	18	18	–	–	–
Other	171	125	2	6	38	36	–	1	–
Central Air Conditioning Fuel									
With central air conditioning	11 953	8 522	44	43	3 343	3 265	51	16	12
Electricity	11 106	7 824	41	42	3 199	3 125	51	12	12
Piped gas	783	646	2	2	134	130	–	4	–
Other	63	52	–	–	10	10	–	–	–
Clothes Dryer Fuel									
With clothes dryer	16 471	13 166	98	108	3 098	2 989	101	7	2
Electricity	11 665	8 914	67	62	2 622	2 535	82	5	–
Piped gas	4 767	4 216	31	46	474	452	19	2	2
Other	39	37	–	–	2	2	–	–	–
Units Using Each Fuel[1]									
Electricity	28 780	23 824	324	173	4 459	4 156	164	96	44
All-electric units	4 919	2 992	17	10	1 900	1 845	23	17	15
Piped gas	22 421	19 574	288	156	2 403	2 170	122	86	24
Bottled gas	232	189	1	1	42	32	9	–	1
Fuel oil	3 983	3 689	63	20	211	165	14	21	11
Kerosene or other liquid fuel	244	225	–	3	15	12	3	–	–
Coal or coke	28	27	1	1	–	–	–	–	–
Wood	1 901	1 368	12	10	511	501	10	–	–
Solar energy	91	68	–	–	23	23	–	–	–
Other	408	345	4	6	52	48	–	1	3

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**28 784**	**23 829**	**324**	**173**	**4 459**	**4 156**	**164**	**96**	**44**
Water Supply Stoppage									
With hot and cold piped water	28 737	23 803	320	173	4 442	4 153	164	90	35
No stoppage in last 3 months	27 210	22 531	309	164	4 207	3 938	158	81	30
With stoppage in last 3 months	1 334	1 109	11	8	206	187	6	8	4
No stoppage lasting 6 hours or more	470	376	–	4	90	80	6	4	–
1 time lasting 6 hours or more	540	438	8	3	91	83	–	4	4
2 times	114	104	–	1	9	9	–	–	–
3 times	60	56	–	–	4	4	–	–	–
4 times or more	71	63	2	–	5	5	–	–	–
Number of times not reported	80	73	–	–	6	5	–	1	–
Stoppage not reported	193	162	–	1	30	28	–	1	1
Flush Toilet Breakdowns									
With one or more flush toilets	28 689	23 767	300	173	4 448	4 156	164	94	35
With at least one working toilet at all times in last 3 months	26 862	22 197	279	165	4 221	3 961	141	89	30
None working some time in last 3 months	1 718	1 492	11	6	208	175	23	5	5
No breakdowns lasting 6 hours or more	514	437	5	4	69	45	18	5	2
1 time lasting 6 hours or more	771	680	4	2	86	82	5	–	–
2 times	188	157	–	1	31	27	–	–	3
3 times	53	49	–	–	4	4	–	–	–
4 times or more	99	92	2	–	5	5	–	–	–
Number of times not reported	91	79	1	–	12	12	–	–	–
Breakdowns not reported	108	78	10	1	20	20	–	–	–
Sewage Disposal Breakdowns									
With public sewer	28 225	23 408	323	170	4 324	4 035	150	96	44
No breakdowns in last 3 months	27 644	22 897	311	165	4 271	3 986	150	92	44
With breakdowns in last 3 months	581	511	12	5	53	49	–	4	–
No breakdowns lasting 6 hours or more	160	133	3	–	24	20	–	4	–
1 time lasting 6 hours or more	316	287	7	3	19	19	–	–	–
2 times	67	57	2	2	5	5	–	–	–
3 times	12	11	1	–	–	–	–	–	–
4 times or more	26	22	–	–	4	4	–	–	–
With septic tank or cesspool	559	421	1	3	135	121	14	–	–
No breakdowns in last 3 months	535	397	1	3	135	121	14	–	–
With breakdowns in last 3 months	23	23	–	–	–	–	–	–	–
No breakdowns lasting 6 hours or more	2	2	–	–	–	–	–	–	–
1 time lasting 6 hours or more	16	16	–	–	–	–	–	–	–
2 times	–	–	–	–	–	–	–	–	–
3 times	–	–	–	–	–	–	–	–	–
4 times or more	5	5	–	–	–	–	–	–	–
Heating Problems									
With heating equipment and occupied last winter	25 386	21 315	260	157	3 654	3 429	133	66	26
Not uncomfortably cold for 24 hours or more last winter	23 194	19 339	234	144	3 477	3 270	125	60	22
Uncomfortably cold for 24 hours or more last winter[1]	2 148	1 940	26	13	169	151	8	6	4
Equipment breakdowns	815	732	17	5	61	51	5	5	–
No breakdowns lasting 6 hours or more	47	36	–	–	10	10	–	–	–
1 time lasting 6 hours or more	396	371	4	3	18	17	2	–	–
2 times	150	125	6	1	19	13	4	1	–
3 times	56	53	2	–	–	–	–	–	–
4 times or more	111	98	5	–	8	8	–	–	–
Number of times not reported	55	48	–	1	6	2	–	4	–
Other causes	1 440	1 303	13	11	113	105	3	1	4
Utility interruption	271	231	–	1	39	39	–	–	–
Inadequate heating capacity	395	379	5	1	10	7	3	–	–
Inadequate insulation	203	180	2	6	15	15	–	–	–
Other	514	457	6	2	49	44	–	1	4
Not reported	56	56	–	–	–	–	–	–	–
Reason for discomfort not reported	9	9	–	–	–	–	–	–	–
Discomfort not reported	45	37	–	–	8	8	–	–	–
Electric Fuses and Circuit Breakers									
With electrical wiring	28 784	23 829	324	173	4 459	4 156	164	96	44
No fuses or breakers blown in last 3 mo.	24 770	20 381	279	142	3 968	3 688	150	86	44
With fuses or breakers blown in last 3 mo.	3 684	3 174	44	26	440	418	14	8	–
1 time	1 778	1 518	11	8	240	227	12	1	–
2 times	860	747	13	8	93	90	2	1	–
3 times	348	300	7	6	35	35	–	–	–
4 times or more	507	441	14	4	49	43	–	6	–
Number of times not reported	190	167	–	–	23	22	–	1	–
Problem not reported or don't know	330	274	–	5	51	50	–	1	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**28 784**	**23 829**	**324**	**173**	**4 459**	**4 156**	**164**	**96**	**44**
Selected Amenities[1]									
Porch, deck, balcony, or patio	20 026	16 247	162	131	3 486	3 321	114	42	9
Not reported	54	41	–	–	13	13	–	–	–
Telephone available	26 396	21 846	260	161	4 129	3 885	134	74	37
Usable fireplace	7 675	5 504	39	40	2 093	2 063	16	4	10
Separate dining room	12 849	10 833	61	104	1 851	1 787	55	7	2
With 2 or more living rooms or recreation rooms, etc.	7 293	6 033	32	78	1 150	1 128	20	–	2
Garage or carport included with home	14 657	11 937	78	65	2 576	2 492	68	5	12
Garage or carport not included	14 050	11 830	246	106	1 867	1 650	96	90	32
Offstreet parking included	8 465	6 720	113	55	1 576	1 443	74	48	11
Offstreet parking not reported	69	55	4	–	11	11	–	–	–
Garage or carport not reported	78	61	–	1	16	14	–	2	–
Cars and Trucks Available[1]									
No cars, trucks, or vans	5 390	4 857	109	26	397	326	13	42	17
Other households without cars	1 530	1 246	15	10	259	223	21	15	–
1 car with or without trucks or vans	13 532	11 181	145	76	2 130	1 970	102	36	22
2 cars	6 808	5 274	48	39	1 448	1 422	21	4	–
3 or more cars	1 525	1 271	7	22	225	215	5	–	5
With cars, no trucks or vans	16 572	13 487	153	112	2 820	2 658	101	40	22
1 truck or van with or without cars	5 799	4 694	59	26	1 021	967	34	15	5
2 or more trucks or vans	1 023	791	2	9	221	206	15	–	–
Owner or Manager on Property									
Rental, multiunit[2]	12 115	9 619	324	57	2 115	1 980	17	82	36
Owner or manager lives on property	3 884	2 988	50	10	836	804	–	16	16
Neither owner nor manager lives on property	6 604	5 317	205	22	1 060	969	17	58	16
Not reported	1 627	1 314	69	26	219	207	–	8	3
Selected Deficiencies[1]									
Signs of rats in last 3 months	1 250	1 129	20	15	87	65	4	18	–
Holes in floors	464	400	18	9	37	26	6	5	–
Open cracks or holes (interior)	1 903	1 710	47	18	128	98	14	13	4
Broken plaster or peeling paint (interior)	1 497	1 384	31	15	66	46	8	8	4
No electrical wiring	–	–	–	–	–	–	–	–	–
Exposed wiring	626	567	7	2	50	47	2	1	–
Rooms without electric outlets	485	427	10	2	47	42	4	1	–
Water Leakage During Last 12 Months									
No leakage from inside structure	24 977	20 605	247	150	3 976	3 723	139	74	40
With leakage from inside structure[1]	3 755	3 181	75	23	477	426	25	23	4
Fixtures backed up or overflowed	1 243	1 051	22	10	160	154	6	–	–
Pipes leaked	1 805	1 565	37	10	194	154	20	16	4
Other or unknown (includes not reported)	860	703	18	5	133	125	2	6	–
Interior leakage not reported	53	43	2	–	7	7	–	–	–
No leakage from outside structure	23 745	19 438	262	117	3 928	3 669	130	86	44
With leakage from outside structure[1]	4 988	4 351	60	55	521	477	33	10	–
Roof	2 250	1 954	29	22	245	210	31	4	–
Basement	1 622	1 505	21	24	72	71	–	1	–
Walls, closed windows, or doors	982	797	21	11	153	142	5	6	–
Other or unknown (includes not reported)	529	427	5	4	93	86	3	5	–
Exterior leakage not reported	52	39	2	–	10	10	–	–	–
Overall Opinion of Structure									
1 (worst)	260	241	11	1	7	7	–	–	–
2	143	129	–	1	14	14	–	–	–
3	252	214	3	1	33	19	10	5	–
4	396	348	11	4	33	29	4	–	–
5	2 089	1 894	53	7	135	91	20	17	7
6	1 749	1 562	22	9	155	134	16	3	2
7	3 657	3 103	50	21	484	435	15	24	9
8	7 208	6 012	77	59	1 059	999	35	9	16
9	4 361	3 446	32	26	857	822	14	14	7
10 (best)	8 387	6 636	64	42	1 646	1 570	50	23	3
Not reported	281	243	1	1	37	36	–	1	–
Selected Physical Problems									
Severe physical problems[1]	673	565	42	7	60	41	3	7	9
Plumbing	428	337	39	3	49	30	3	7	9
Heating	167	152	7	–	8	8	–	–	–
Electric	9	9	–	–	–	–	–	–	–
Upkeep	89	78	5	3	3	3	–	–	–
Hallways	3	2	–	1	–	–	–	–	–
Moderate physical problems[1]	1 554	1 420	30	12	92	68	10	7	8
Plumbing	124	115	–	–	9	9	–	–	–
Heating	446	432	1	4	9	5	3	–	–
Upkeep	787	729	18	7	34	21	7	6	–
Hallways	38	30	8	–	–	–	–	–	–
Kitchen	267	218	3	1	45	35	–	2	8

[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. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**28 784**	**23 829**	**324**	**173**	**4 459**	**4 156**	**164**	**96**	**44**
Overall Opinion of Neighborhood									
1 (worst)	779	707	14	6	53	46	7	–	–
2	448	384	12	6	47	42	–	5	–
3	664	580	13	4	67	61	6	–	–
4	874	785	12	6	71	65	6	–	–
5	3 027	2 640	40	21	326	286	5	26	9
6	2 040	1 755	26	14	245	223	15	3	4
7	3 666	3 033	52	27	553	503	22	19	10
8	6 395	5 301	64	40	990	939	33	12	6
9	3 700	2 968	29	22	681	651	11	14	4
10 (best)	6 810	5 361	59	25	1 365	1 286	53	15	11
No neighborhood	50	28	2	–	19	15	5	–	–
Not reported	330	286	1	1	42	41	–	1	–
Neighborhood Conditions									
With neighborhood	28 404	23 514	321	172	4 398	4 101	159	95	44
No problems	15 005	12 311	156	59	2 480	2 311	104	42	22
With problems[1]	13 317	11 135	165	111	1 906	1 777	54	53	21
Crime	4 132	3 593	68	41	430	399	13	13	6
Noise	3 167	2 655	54	23	435	394	19	22	–
Traffic	2 315	1 949	37	18	311	294	11	3	3
Litter or housing deterioration	1 729	1 554	17	17	140	115	10	15	–
Poor city or county services	504	420	9	6	69	65	4	–	–
Undesirable commercial, institutional, industrial	470	394	9	6	61	57	–	–	4
People	4 478	3 792	53	27	607	569	20	16	2
Other	3 197	2 582	24	37	554	521	18	3	12
Type of problem not reported	148	129	–	2	17	17	–	–	–
Presence of problems not reported	82	68	–	2	12	12	–	–	–
Description of Area Within 300 Feet[1]									
Single-family detached houses	4 046	3 346	199	19	482	451	13	18	–
Only single-family detached	–	–	–	–	–	–	–	–	–
Single-family attached or 1 to 3 story multiunit	8 388	6 581	221	41	1 544	1 488	–	41	15
4 to 6 story multiunit	2 915	2 588	48	19	260	202	4	35	19
7 stories or more multiunit	1 677	1 524	6	11	136	106	4	22	4
Mobile homes	30	18	–	–	12	12	–	–	–
Commercial, institutional, or industrial	4 088	3 425	105	27	532	443	4	57	28
Residential parking lots	2 970	2 209	27	11	723	698	–	15	10
Body of water	443	334	7	–	101	101	–	1	–
Open space, park, farm, or ranch	2 031	1 517	23	7	484	451	4	25	4
4+ lane highway, railroad, or airport	1 283	976	16	6	285	269	13	3	–
Other	811	652	12	7	140	123	–	15	2
Not observed or not reported	613	446	8	2	158	157	–	1	–
Age of Other Residential Buildings Within 300 Feet									
Older	715	455	12	1	247	239	7	1	–
About the same	8 233	6 677	234	41	1 281	1 245	–	25	11
Newer	234	201	16	1	16	13	–	–	2
Very mixed	1 929	1 589	48	13	279	222	10	37	10
No other residential buildings	338	213	5	–	119	89	–	17	13
Not reported	666	483	8	2	173	172	–	1	–
Mobile Homes in Group									
Mobile homes	321	109	–	–	212	73	139	–	–
1 to 6	68	15	–	–	53	12	41	–	–
7 to 20	13	2	–	–	11	–	11	–	–
21 or more	237	92	–	–	145	61	83	–	–
Not reported	3	–	–	–	3	–	3	–	–
Other Buildings Vandalized or With Interior Exposed									
None	10 226	8 144	270	47	1 766	1 653	17	69	27
1 building	285	242	13	3	27	26	–	1	–
More than 1 building	657	569	27	3	58	45	–	8	4
No buildings within 300 feet	151	84	–	–	68	68	–	–	–
Not reported	796	581	14	4	197	188	–	4	5
Bars on Windows of Buildings									
With other buildings within 300 feet	11 168	8 954	309	54	1 850	1 724	17	78	31
No bars on windows	7 957	6 112	213	26	1 607	1 540	13	43	10
1 building with bars	365	318	6	4	37	33	–	–	4
2 or more buildings with bars	2 774	2 458	90	22	204	149	4	35	16
Not reported	72	67	–	2	3	3	–	–	–
Condition of Streets									
No repairs needed	8 158	6 411	226	36	1 486	1 387	17	63	20
Minor repairs needed	2 748	2 304	86	16	342	313	–	18	11
Major repairs needed	376	330	4	4	39	33	–	1	5
No streets within 300 feet	210	129	–	–	82	82	–	–	–
Not reported	623	445	8	2	167	166	–	1	–
Trash, Litter, or Junk on Streets or any Properties									
None	7 376	5 612	195	25	1 544	1 472	13	42	18
Minor accumulation	3 612	3 118	103	26	364	308	4	39	13
Major accumulation	506	440	17	4	44	39	–	–	5
Not reported	621	448	8	2	163	162	–	1	–

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

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	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	**72 264**	**59 851**	**691**	**610**	**11 112**	**10 428**	**362**	**234**	**88**
Total	**28 784**	**23 829**	**324**	**173**	**4 459**	**4 156**	**164**	**96**	**44**
Persons									
1 person	8 402	6 977	122	19	1 283	1 186	52	29	15
2 persons	8 994	7 434	107	41	1 412	1 296	61	33	22
3 persons	4 824	3 984	51	32	757	722	23	12	–
4 persons	3 561	2 890	27	37	607	572	18	11	5
5 persons	1 781	1 517	9	19	236	217	10	7	2
6 persons	694	594	4	8	87	84	–	4	–
7 persons or more	528	432	3	15	78	78	–	–	–
Median	**2.2**	**2.2**	**1.9**	**3.3**	**2.2**	**2.2**	**2.0**	**2.1**	**...**
Number of Single Children Under 18 Years Old									
None	18 638	15 534	227	82	2 794	2 581	126	51	37
1	4 330	3 488	52	29	761	721	17	23	–
2	3 482	2 839	28	30	586	554	14	13	5
3	1 549	1 296	7	22	223	205	7	10	2
4	502	423	6	7	65	65	–	–	–
5	185	154	4	2	26	26	–	–	–
6 or more	99	93	–	1	5	5	–	–	–
Median	**.5-**	**.5-**	**.5-**	**.6**	**.5-**	**.5-**	**.5-**	**.5-**	**...**
Persons 65 Years Old and Over									
None	21 978	17 656	280	133	3 908	3 659	122	84	43
1 person	4 849	4 375	39	26	409	370	26	12	1
2 persons or more	1 957	1 797	5	13	142	127	15	–	–
Age of Householder									
Under 25 years	1 876	1 388	34	10	443	409	16	8	11
25 to 29	2 897	2 146	52	14	685	636	20	16	14
30 to 34	3 365	2 631	57	9	669	621	13	21	14
35 to 44	6 545	5 249	75	61	1 160	1 113	20	24	4
45 to 54	4 379	3 643	45	34	657	604	42	11	–
55 to 64	3 494	3 095	25	17	358	341	12	5	–
65 to 74	3 397	3 110	22	12	252	229	11	12	1
75 years and over	2 831	2 566	14	16	234	204	30	–	–
Median	**45**	**46**	**37**	**44**	**39**	**39**	**48**	**37**	**...**
Household Composition by Age of Householder									
2-or-more person households	20 382	16 851	202	153	3 176	2 969	111	67	29
Married-couple families, no nonrelatives	12 147	9 987	74	96	1 990	1 916	55	17	2
Under 25 years	405	298	4	5	99	88	5	5	–
25 to 29 years	1 054	752	11	3	288	279	6	4	–
30 to 34 years	1 528	1 190	19	3	316	305	6	4	2
35 to 44 years	3 122	2 423	11	41	647	632	11	4	–
45 to 64 years	3 916	3 368	25	27	497	484	12	1	–
65 years and over	2 122	1 957	5	16	143	128	15	–	–
Other male householder	2 625	2 089	42	20	475	424	28	14	9
Under 45 years	1 775	1 347	29	12	387	350	14	14	9
45 to 64 years	537	456	9	5	67	54	13	–	–
65 years and over	312	286	3	3	20	20	–	–	–
Other female householder	5 610	4 775	86	38	711	629	29	36	18
Under 45 years	3 454	2 859	59	22	515	457	13	27	18
45 to 64 years	1 402	1 196	17	13	176	156	12	8	–
65 years and over	754	720	10	3	20	16	3	1	–
1-person households	8 402	6 977	122	19	1 283	1 186	52	29	15
Male householder	3 498	2 873	72	10	544	516	9	14	4
Under 45 years	1 916	1 490	56	6	365	351	3	7	4
45 to 64 years	882	739	14	3	126	118	2	6	–
65 years and over	700	644	3	1	53	47	5	1	–
Female householder	4 904	4 105	50	9	740	670	43	15	11
Under 45 years	1 429	1 056	30	2	340	315	10	5	10
45 to 64 years	1 136	980	5	2	149	133	14	2	–
65 years and over	2 339	2 069	15	5	251	222	19	9	1
Adults and Single Children Under 18 Years Old									
Total households with children	10 147	8 294	97	91	1 665	1 575	38	46	7
Married couples	5 926	4 677	35	61	1 154	1 113	29	10	2
One child under 6 only	1 007	714	12	5	276	268	8	–	–
One under 6, one or more 6 to 17	1 091	889	7	14	181	177	3	–	–
Two or more under 6 only	650	492	6	6	147	137	6	4	–
Two or more under 6, one or more 6 to 17	410	337	2	8	62	60	–	–	2
One or more 6 to 17 only	2 769	2 245	9	27	488	470	12	6	–
Other households with two or more adults	1 843	1 585	16	17	225	202	5	19	–
One child under 6 only	347	283	–	5	59	59	–	1	–
One under 6, one or more 6 to 17	291	247	3	1	40	31	–	9	–
Two or more under 6 only	132	114	4	–	13	13	–	–	–
Two or more under 6, one or more 6 to 17	124	108	–	1	15	11	3	–	–
One or more 6 to 17 only	950	834	9	9	98	87	2	9	–
Households with one adult or none	2 377	2 031	46	13	286	260	4	17	5
One child under 6 only	310	256	7	2	46	41	4	1	–
One under 6, one or more 6 to 17	347	303	3	3	39	36	–	3	–
Two or more under 6 only	235	218	–	–	17	14	–	3	–
Two or more under 6, one or more 6 to 17	169	154	4	–	10	10	–	–	–
One or more 6 to 17 only	1 316	1 101	32	7	175	159	–	10	5
Total households with no children	18 638	15 534	227	82	2 794	2 581	126	51	37
Married couples	6 368	5 417	40	37	874	839	28	7	–
Other households with two or more adults	3 867	3 140	65	25	636	555	45	14	22
Households with one adult	8 402	6 977	122	19	1 283	1 186	52	29	15

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	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	19 800	16 544	229	96	2 931	2 703	135	52	42
With own children under 18 years	8 985	7 285	95	77	1 528	1 453	29	44	2
Under 6 years only	2 323	1 783	28	15	497	474	14	9	–
1	1 394	1 029	19	8	337	324	11	2	–
2	758	608	10	6	135	129	3	3	–
3 or more	171	146	–	–	25	21	–	4	–
6 to 17 years only	4 651	3 849	49	36	718	675	11	31	–
1	2 403	2 013	32	13	344	317	5	23	–
2	1 567	1 268	14	13	272	258	6	8	–
3 or more	681	567	3	10	101	101	–	–	–
Both age groups	2 010	1 653	17	26	314	304	3	4	2
2	842	679	6	9	147	145	–	2	–
3 or more	1 169	974	11	17	167	159	3	3	2
Persons Other Than Spouse or Children[1]									
With other relatives	6 563	5 633	65	58	807	734	39	25	9
Single adult offspring 18 to 29	3 259	2 810	32	35	382	353	18	11	–
Single adult offspring 30 years of age or over	1 096	1 004	9	13	71	58	12	1	–
Households with three generations	788	681	3	9	95	84	3	8	–
Households with 1 subfamily	851	726	3	7	114	101	6	7	–
Subfamily householder age under 30	457	387	1	4	66	55	3	7	–
30 to 64	355	312	2	2	38	35	3	–	–
65 and over	39	27	–	1	10	10	–	–	–
Households with 2 or more subfamilies	37	34	–	1	2	2	–	–	–
Households with other types of relatives	2 589	2 172	26	23	367	340	6	13	9
With non-relatives	2 610	2 050	40	22	497	438	27	15	18
Co-owners or co-renters	1 104	847	17	8	232	208	7	5	12
Lodgers	...	...	...	...	...	...	...	...	...
Unrelated children, under 18 years old	327	280	–	7	40	38	2	–	–
Other non-relatives	581	465	15	6	95	81	10	4	–
One or more secondary families	198	158	–	5	35	33	2	–	–
2-person households, none related to each other	1 508	1 156	24	8	321	282	16	10	13
3-8 person households, none related to each other	322	260	5	5	52	40	7	–	5
Years of School Completed by Householder									
No school years completed	131	119	–	1	11	7	–	–	4
Elementary:									
less than 8 years	1 507	1 370	16	15	106	86	3	12	5
8 years	1 039	959	5	10	65	60	5	–	–
High School:									
1 to 3 years	3 283	2 922	49	12	300	267	30	3	–
4 years	9 243	7 877	116	39	1 210	1 084	79	47	1
College:									
1 to 3 years	5 998	4 774	61	35	1 128	1 079	19	20	9
4 years or more	7 584	5 807	77	61	1 639	1 573	27	14	26
Median	**12.9**	**12.8**	**12.8**	**14.2**	**14.4**	**14.5**	**12.6**	**12.7**	**...**
Year Householder Moved Into Unit									
1990 to 1994	12 752	9 566	170	47	2 969	2 767	99	60	43
1985 to 1989	5 633	4 442	34	30	1 128	1 079	26	23	1
1980 to 1984	2 360	1 999	13	18	330	307	14	9	–
1975 to 1979	2 270	2 231	12	15	12	–	7	5	–
1970 to 1974	1 477	1 440	14	11	12	3	9	–	–
1960 to 1969	2 250	2 216	12	18	5	–	5	–	–
1950 to 1959	1 377	1 323	28	21	4	–	4	–	–
1940 to 1949	482	428	41	13	–	–	–	–	–
1939 or earlier	184	184	–	–	–	–	–	–	–
Median	**1980**	**1978**	**1966**	**1975**	**1986**	**1986**	**1983**	**1986**	**...**
Household Moves and Formation in Last Year									
Total with a move in last year	6 794	5 109	127	38	1 520	1 393	55	52	20
Household all moved here from one unit	4 515	3 352	80	14	1 070	1 004	34	26	5
Householder of previous unit did not move here	1 003	737	24	4	237	209	14	9	5
Householder of previous unit moved here	3 388	2 524	53	10	800	763	20	18	–
Householder of previous unit not reported	125	90	3	–	32	32	–	–	–
Household moved here from two or more units	936	646	20	9	261	221	10	19	11
No previous householder moved here	247	162	5	2	79	74	–	1	4
1 previous householder moved here	183	116	2	3	61	51	–	9	2
2 or more previous householders moved here	411	302	9	4	95	76	7	8	5
Previous householder(s) not reported	95	67	3	–	25	21	3	1	–
Some already here, rest moved in	1 324	1 097	26	15	185	163	11	7	4
No previous householder moved here	517	436	10	5	66	50	8	4	4
1 or more previous householders moved here	612	495	12	7	97	91	3	4	–
Previous householder(s) not reported	195	166	5	3	21	21	–	–	–
Number of previous units not reported	18	13	–	–	5	5	–	–	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**28 784**	**23 829**	**324**	**173**	**4 459**	**4 156**	**164**	**96**	**44**
Household Income									
Less than $5,000	2 064	1 784	39	8	233	197	9	17	9
$5,000 to $9,999	3 506	3 104	52	19	331	277	25	28	1
$10,000 to $14,999	2 863	2 521	46	7	289	252	23	12	2
$15,000 to $19,999	2 522	2 123	41	10	348	303	31	7	7
$20,000 to $24,999	2 413	2 125	21	15	252	236	8	6	2
$25,000 to $29,999	2 669	2 226	37	9	397	370	20	6	–
$30,000 to $34,999	1 889	1 493	10	11	375	335	22	8	11
$35,000 to $39,999	1 577	1 320	14	8	235	228	6	2	–
$40,000 to $49,999	2 677	2 134	13	20	510	501	5	–	3
$50,000 to $59,999	1 908	1 465	17	18	408	393	11	4	–
$60,000 to $79,999	2 267	1 701	19	16	531	518	4	1	8
$80,000 to $99,999	946	714	5	15	212	212	–	–	–
$100,000 to $119,999	598	462	7	4	125	125	–	1	–
$120,000 or more	884	657	3	13	212	209	–	3	–
Median	**26 919**	**25 578**	**18 063**	**39 653**	**35 083**	**37 373**	**18 958**	**11 122**	**...**
As percent of poverty level:									
Less than 50 percent	2 238	1 956	30	11	242	204	13	16	9
50 to 99	3 122	2 723	58	18	322	274	19	29	1
100 to 149	3 232	2 860	39	15	318	276	27	11	4
150 to 199	2 712	2 333	41	14	324	286	25	9	4
200 percent or more	17 480	13 957	156	115	3 253	3 115	80	31	27
Income of Families and Primary Individuals									
Less than $5,000	2 247	1 925	39	10	273	226	14	17	16
$5,000 to $9,999	3 757	3 306	61	19	371	312	25	32	1
$10,000 to $14,999	3 039	2 659	49	10	321	286	26	9	–
$15,000 to $19,999	2 582	2 166	42	14	361	313	26	10	11
$20,000 to $24,999	2 444	2 156	18	14	256	232	16	7	2
$25,000 to $29,999	2 713	2 260	36	9	408	379	23	6	–
$30,000 to $34,999	1 847	1 452	10	11	374	335	22	9	7
$35,000 to $39,999	1 529	1 264	12	9	245	234	6	2	3
$40,000 to $49,999	2 476	1 981	11	16	468	464	–	–	3
$50,000 to $59,999	1 780	1 367	19	17	377	374	3	–	–
$60,000 to $79,999	2 071	1 536	14	17	504	500	4	–	–
$80,000 to $99,999	908	694	5	12	197	197	–	–	–
$100,000 to $119,999	555	441	5	4	105	104	–	1	–
$120,000 or more	838	620	3	13	202	199	–	3	–
Median	**25 597**	**24 309**	**16 533**	**35 074**	**33 219**	**34 923**	**18 117**	**9 770**	**...**
Income Sources of Families and Primary Individuals									
Wages and salaries	20 465	16 371	244	135	3 715	3 501	122	58	34
Wages and salaries were majority of income	18 431	14 613	220	123	3 476	3 285	105	53	32
2 or more people each earned over 20% of wages and salaries	6 165	4 872	45	58	1 191	1 147	22	16	5
Business, farm, or ranch	2 373	1 896	19	27	431	420	–	9	2
Social security or pensions	8 262	7 442	52	45	723	656	48	18	1
Interest	11 289	9 230	84	58	1 918	1 853	40	14	10
Stock dividend(s)	4 402	3 510	33	27	832	818	9	4	–
Rental income	3 730	2 984	63	38	645	580	28	18	18
With lodger(s)	...	...	...	...	...	...	...	...	...
Welfare or SSI	2 599	2 272	62	17	248	216	9	20	4
Alimony or child support	1 194	955	8	3	228	207	6	15	–
Other	3 884	3 243	42	27	572	532	26	12	2
Amount of Savings and Investments									
Income of $25,000 or less	14 616	12 675	215	68	1 657	1 435	113	79	30
No savings or investments	8 783	7 577	166	45	996	836	73	68	18
$25,000 or less	3 597	3 150	40	19	388	351	27	5	6
More than $25,000	848	795	2	1	49	43	6	–	–
Not reported	1 387	1 152	8	3	224	205	8	6	6
Food Stamps									
Income of $25,000 or less	14 616	12 675	215	68	1 657	1 435	113	79	30
Family members received food stamps	3 202	2 829	70	20	283	223	20	37	4
Did not receive food stamps	10 595	9 182	145	47	1 222	1 072	88	41	21
Not reported	818	664	–	2	152	140	5	1	6
Rent Reductions									
No subsidy or income reporting	11 570	9 319	230	48	1 972	1 819	59	55	40
Rent control	778	752	11	3	13	12	–	–	–
No rent control	10 779	8 558	219	46	1 957	1 804	59	55	40
Reduced by owner	519	474	11	–	34	28	3	3	–
Not reduced by owner	10 247	8 073	208	45	1 921	1 774	56	52	40
Owner reduction not reported	13	11	–	–	2	2	–	–	–
Rent control not reported	12	9	–	–	3	3	–	–	–
Owned by public housing authority	1 189	1 048	19	7	115	108	–	7	–
Other, Federal subsidy	745	590	5	3	148	123	4	21	–
Other, State or local subsidy	268	224	6	1	37	36	–	1	–
Other, income verification	225	201	2	1	20	20	–	–	–
Subsidy or income verification not reported	102	93	–	1	7	5	–	2	–

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**28 784**	**23 829**	**324**	**173**	**4 459**	**4 156**	**164**	**96**	**44**
Monthly Housing Costs									
Less than $100	429	374	4	1	50	38	4	–	8
$100 to $199	2 478	2 259	18	5	196	149	22	19	6
$200 to $249	1 594	1 431	24	8	131	111	13	3	4
$250 to $299	1 594	1 443	15	14	121	90	23	4	5
$300 to $349	1 680	1 516	23	10	130	119	–	10	–
$350 to $399	1 911	1 720	30	6	156	137	8	11	–
$400 to $449	1 870	1 595	36	15	223	182	35	6	–
$450 to $499	1 835	1 526	26	7	276	260	10	6	–
$500 to $599	3 288	2 725	42	16	505	481	14	11	–
$600 to $699	2 680	2 162	20	20	478	460	9	3	7
$700 to $799	2 038	1 607	32	8	391	376	12	1	2
$800 to $999	2 263	1 686	18	8	551	542	7	–	2
$1,000 to $1,249	1 442	1 013	6	14	408	406	–	2	–
$1,250 to $1,499	738	499	5	8	226	224	–	2	–
$1,500 or more	979	675	5	14	285	281	–	4	–
No cash rent	585	505	9	3	67	52	–	8	8
Mortgage payment not reported	1 381	1 092	11	15	264	246	7	7	3
Median (excludes no cash rent)	**501**	**475**	**454**	**569**	**658**	**679**	**412**	**368**	**...**
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	**551**	**495**	**488**	**691**	**901**	**930**	**397**	**...**	**...**
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	**274**	**231**	**357**	**463**	**607**	**638**	**123**	**...**	**...**
Monthly Housing Costs as Percent of Current Income									
Less than 5 percent	564	501	–	4	58	58	–	–	–
5 to 9 percent	2 176	1 928	11	16	221	206	7	4	4
10 to 14 percent	3 408	2 894	35	22	457	421	33	3	–
15 to 19 percent	3 923	3 153	32	19	719	674	29	13	4
20 to 24 percent	3 610	2 849	38	20	703	677	12	7	7
25 to 29 percent	2 728	2 186	36	11	495	473	12	10	–
30 to 34 percent	2 163	1 767	26	10	360	343	10	5	1
35 to 39 percent	1 430	1 168	17	15	231	225	–	4	2
40 to 49 percent	1 768	1 475	26	10	257	232	18	7	–
50 to 59 percent	1 066	907	25	5	128	123	4	1	–
60 to 69 percent	761	660	10	5	86	75	3	8	–
70 to 99 percent	1 214	1 052	17	4	142	121	12	9	–
100 percent or more[1]	1 561	1 299	26	11	225	189	15	5	16
Zero or negative income	447	394	5	1	47	41	2	5	–
No cash rent	585	505	9	3	67	52	–	8	8
Mortgage payment not reported	1 381	1 092	11	15	264	246	7	7	3
Median (excludes 3 previous lines)	**24**	**24**	**30**	**24**	**24**	**24**	**23**	**32**	**...**
Median (excludes 4 lines before medians)	**23**	**23**	**28**	**22**	**23**	**23**	**20**	**30**	**...**
Nonrelatives' Shared Housing Costs									
Nonrelatives in housing units	1 726	1 312	20	16	377	329	20	11	18
Less than $100 per month	775	598	2	8	167	137	15	4	11
$100 to $199	168	133	2	–	33	24	2	5	2
$200 to $299	255	197	4	3	50	49	–	2	–
$300 to $399	191	124	6	1	60	57	3	–	–
$400 or more per month	261	189	6	4	61	56	–	–	5
Not reported	76	71	–	–	5	5	–	–	–
Median	**130**	**117**	**...**	**...**	**158**	**201**	**...**	**...**	**...**
Monthly Cost Paid for Electricity									
Electricity used	28 780	23 824	324	173	4 459	4 156	164	96	44
Less than $25	2 875	2 545	20	12	297	266	20	10	–
$25 to $49	8 027	6 724	113	32	1 158	1 085	39	34	–
$50 to $74	5 984	4 945	30	42	967	921	31	9	7
$75 to $99	3 477	2 720	32	25	700	669	21	6	4
$100 to $149	2 719	2 065	14	24	616	586	28	–	2
$150 to $199	840	640	5	5	190	172	14	4	–
$200 or more	496	396	2	6	93	93	–	–	–
Median	**55**	**54**	**44**	**67**	**64**	**65**	**64**	**41**	**...**
Included in rent, other fee, or obtained free	4 362	3 790	109	26	438	362	11	34	31
Monthly Cost Paid for Piped Gas									
Piped gas used	22 421	19 574	288	156	2 403	2 170	122	86	24
Less than $25	5 711	4 840	54	25	791	726	54	11	–
$25 to $49	6 437	5 547	61	26	802	744	36	22	–
$50 to $74	3 254	2 952	25	32	245	240	2	1	2
$75 to $99	1 286	1 182	8	19	77	72	3	3	–
$100 to $149	720	664	6	15	36	34	–	2	–
$150 to $199	233	220	2	8	2	2	–	–	–
$200 or more	196	178	–	4	13	12	–	1	–
Median	**37**	**38**	**35**	**60**	**31**	**31**	**25-**	**35**	**...**
Included in rent, other fee, or obtained free	4 584	3 990	131	27	435	339	28	46	23

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	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	3 983	3 689	63	20	211	165	14	21	11
Less than $25	379	358	3	1	18	17	–	–	–
$25 to $49	405	370	5	3	26	20	6	–	–
$50 to $74	539	514	4	1	19	17	2	–	–
$75 to $99	279	260	7	1	11	11	–	–	–
$100 to $149	246	231	–	4	11	9	2	–	–
$150 to $199	70	64	–	1	5	5	–	–	–
$200 or more	71	64	–	3	3	2	–	1	–
Median	**60**	**60**	**58**	**...**	**54**	**56**	**...**	**...**	**...**
Included in rent, other fee, or obtained free	1 995	1 829	44	5	117	83	4	19	11
Property Insurance									
Property insurance paid	16 949	14 020	77	118	2 733	2 626	74	27	7
Median per month	**29**	**30**	**29**	**40**	**29**	**29**	**17**	**...**	**...**
Monthly Costs Paid for Selected Utilities and Fuels									
Water paid separately	10 190	8 766	46	76	1 302	1 267	31	3	1
Median	**24**	**24**	**...**	**30**	**26**	**27**	**...**	**...**	**...**
Trash paid separately	5 546	4 578	25	21	922	899	22	–	1
Median	**15**	**14**	**...**	**...**	**15**	**15**	**...**	**...**	**...**
Bottled gas paid separately	144	117	–	1	25	21	3	–	1
Median	**41**	**39**	**...**	**...**	**...**	**...**	**...**	**...**	**...**
Other fuel paid separately	1 508	1 128	3	5	373	366	6	–	1
Median	**10-**	**10-**	**...**	**...**	**10-**	**10-**	**...**	**...**	**...**
OWNER OCCUPIED UNITS									
Total	**14 686**	**12 354**	**62**	**111**	**2 159**	**2 045**	**101**	**9**	**4**
Cost and Ownership Sharing									
Ownership shared by person not living here	572	509	–	3	60	51	8	2	–
Costs shared by person not living here	104	91	–	–	13	11	–	2	–
Costs not shared	463	416	–	3	45	37	8	–	–
Cost sharing not reported	5	2	–	–	2	2	–	–	–
Ownership not shared	13 876	11 672	57	107	2 040	1 950	88	2	1
Costs shared by person not living here	76	69	–	1	7	5	2	–	–
Costs not shared	13 766	11 575	57	106	2 028	1 939	86	2	1
Cost sharing not reported	34	28	–	–	6	6	–	–	–
Ownership sharing not reported	237	173	5	1	59	44	6	5	3
Monthly Payment for Principal and Interest									
Less than $100	203	185	–	1	16	11	5	–	–
$100 to $199	672	636	5	4	27	22	5	–	–
$200 to $249	498	459	2	9	28	15	13	–	–
$250 to $299	524	477	2	3	42	39	3	–	–
$300 to $349	555	483	2	4	65	61	4	–	–
$350 to $399	515	452	2	7	53	53	–	–	–
$400 to $449	565	474	–	6	84	80	4	–	–
$450 to $499	531	422	1	8	102	102	–	–	–
$500 to $599	880	675	2	2	201	201	–	–	–
$600 to $699	649	451	2	4	192	192	–	–	–
$700 to $799	494	312	3	2	177	177	–	–	–
$800 to $999	635	416	2	2	215	215	–	–	–
$1,000 to $1,249	480	312	2	7	159	158	–	1	–
$1,250 to $1,499	252	174	–	2	75	75	–	1	–
$1,500 or more	320	225	3	7	86	86	–	–	–
Not reported	1 381	1 092	11	15	264	246	7	7	3
Median	**483**	**440**	**...**	**447**	**674**	**683**	**...**	**...**	**...**
Average Monthly Cost Paid for Real Estate Taxes									
Less than $25	2 001	1 702	5	15	280	196	84	–	–
$25 to $49	2 740	2 436	10	16	279	261	12	6	1
$50 to $74	2 512	2 172	9	18	313	311	3	–	–
$75 to $99	1 840	1 561	10	17	251	251	–	–	–
$100 to $149	2 525	2 067	11	17	429	424	–	2	3
$150 to $199	1 353	1 091	9	14	239	235	4	1	–
$200 or more	1 715	1 325	8	14	367	367	–	–	–
Median	**76**	**73**	**94**	**85**	**96**	**100**	**25-**	**...**	**...**
Annual Taxes Paid Per $1,000 Value									
Less than $5	2 373	2 079	12	23	259	214	45	–	–
$5 to $9	4 005	3 228	14	31	732	704	22	5	1
$10 to $14	3 616	2 933	16	17	649	635	13	–	–
$15 to $19	1 779	1 529	6	17	227	222	5	–	–
$20 to $24	1 233	1 061	5	6	161	157	4	–	–
$25 or more	1 680	1 524	9	16	132	112	13	3	3
Median	**11**	**11**	**12**	**10**	**11**	**11**	**6**	**...**	**...**
Routine Maintenance in Last Year									
Less than $25 per month	8 971	7 451	23	46	1 450	1 376	70	3	1
$25 to $49	2 707	2 346	23	22	315	301	14	–	–
$50 to $74	608	526	1	14	68	67	–	1	–
$75 to $99	722	618	5	9	90	90	–	–	–
$100 to $149	372	311	–	3	57	51	6	–	–
$150 to $199	332	277	5	6	45	45	–	–	–
$200 or more per month	383	331	1	8	43	43	–	–	–
Not reported	591	493	5	2	91	71	11	5	4
Median	**25-**	**25-**	**30**	**34**	**25-**	**25-**	**25-**	**...**	**...**

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	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	807	533	–	5	269	268	–	–	–
Less than $25 per month	8	3	–	–	5	5	–	–	–
$25 to $49	24	10	–	–	15	15	–	–	–
$50 to $74	54	15	–	–	38	38	–	–	–
$75 to $99	71	33	–	–	38	38	–	–	–
$100 to $149	181	111	–	–	70	70	–	–	–
$150 to $199	138	89	–	2	46	46	–	–	–
$200 or more per month	282	241	–	–	41	41	–	–	–
Not reported	50	32	–	2	16	16	–	–	–
Median	**165**	**194**	**...**	**...**	**122**	**122**	**...**	**...**	**...**
Other Housing Costs Per Month									
Homeowner association fee paid	638	388	–	3	247	247	–	–	–
Median	**145**	**163**	**...**	**...**	**120**	**120**	**...**	**...**	**...**
Mobile home park fee paid	17	11	–	–	6	6	–	–	–
Median	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**
Land rent fee paid	26	26	–	1	–	–	–	–	–
Median	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**14 686**	**12 354**	**62**	**111**	**2 159**	**2 045**	**101**	**9**	**4**
Value									
Less than $10,000	186	128	2	1	54	15	40	–	–
$10,000 to $19,999	389	334	2	1	51	27	24	–	–
$20,000 to $29,999	565	494	3	4	65	39	24	2	–
$30,000 to $39,999	948	892	6	8	42	39	–	–	3
$40,000 to $49,999	1 165	1 105	–	4	57	53	3	1	–
$50,000 to $59,999	1 255	1 143	–	9	104	98	–	6	–
$60,000 to $69,999	1 342	1 234	–	4	104	100	4	–	–
$70,000 to $79,999	1 230	1 039	9	12	170	170	–	–	–
$80,000 to $99,999	1 952	1 606	10	10	326	326	–	–	–
$100,000 to $119,999	1 149	885	3	10	251	247	4	–	1
$120,000 to $149,999	1 298	1 017	7	12	263	263	–	–	–
$150,000 to $199,999	1 370	1 048	2	9	310	307	4	–	–
$200,000 to $249,999	657	509	5	12	131	131	–	–	–
$250,000 to $299,999	412	330	5	4	73	73	–	–	–
$300,000 or more	768	592	7	11	157	157	–	–	–
Median	**82 690**	**78 161**	**95 125**	**105 997**	**108 481**	**112 548**	**14 631**	**...**	**...**
Value-Income Ratio									
Less than 1.5	4 165	3 512	8	36	608	535	67	3	3
1.5 to 1.9	2 002	1 610	8	15	369	365	3	1	–
2.0 to 2.4	1 603	1 281	2	10	311	299	12	–	–
2.5 to 2.9	1 182	945	6	11	221	216	–	5	–
3.0 to 3.9	1 712	1 407	9	6	290	279	11	–	–
4.0 to 4.9	868	774	3	7	84	82	3	–	–
5.0 or more	2 910	2 613	24	25	248	243	4	–	1
Zero or negative income	244	213	2	1	28	26	2	–	–
Median	**2.3**	**2.4**	**3.6**	**2.2**	**2.1**	**2.2**	**1.5-**	**...**	**...**
Other Activities on Property[1]									
Commercial establishment	212	190	–	1	20	20	–	–	–
Medical or dental office	98	96	–	3	–	–	–	–	–
Neither	14 417	12 110	62	106	2 139	2 024	101	9	4
Year Unit Acquired									
1990 to 1994	3 095	2 081	9	24	982	950	30	3	–
1985 to 1989	3 217	2 354	11	19	832	802	29	1	–
1980 to 1984	1 554	1 267	2	19	265	256	9	–	–
1975 to 1979	1 667	1 640	2	12	13	–	13	–	–
1970 to 1974	1 228	1 205	9	5	8	–	8	–	–
1960 to 1969	1 845	1 832	–	11	2	–	2	–	–
1950 to 1959	1 197	1 170	14	10	4	–	4	–	–
1940 to 1949	416	398	8	10	–	–	–	–	–
1939 or earlier	108	108	–	–	–	–	–	–	–
Not reported	359	300	6	1	52	37	6	5	4
Median	**1977**	**1976**	**1971**	**1978**	**1986**	**1986**	**1983**	**...**	**...**
First Time Owners									
First home ever owned	7 375	6 542	33	70	730	678	50	2	–
Not first home	7 021	5 594	24	38	1 365	1 317	45	2	1
Not reported	289	218	5	3	64	50	6	5	4
Purchase Price									
Home purchased or built	13 991	11 733	53	104	2 101	2 006	91	4	–
Less than $10,000	1 181	1 119	7	3	52	20	32	–	–
$10,000 to $19,999	2 234	2 175	7	9	42	28	14	–	–
$20,000 to $29,999	1 336	1 275	5	9	48	28	19	–	–
$30,000 to $39,999	1 200	1 125	5	13	57	53	4	–	–
$40,000 to $49,999	999	898	–	14	87	87	–	–	–
$50,000 to $59,999	955	807	–	9	139	136	3	–	–
$60,000 to $69,999	831	662	–	4	165	163	–	2	–
$70,000 to $79,999	642	467	4	5	166	166	–	–	–
$80,000 to $99,999	963	630	11	4	319	319	–	–	–
$100,000 to $119,999	530	345	2	1	182	182	–	–	–
$120,000 to $149,999	593	340	1	7	245	245	–	–	–
$150,000 to $199,999	567	354	–	6	207	207	–	–	–
$200,000 to $249,999	216	135	–	1	80	79	–	1	–
$250,000 to $299,999	117	68	4	1	45	44	–	1	–
$300,000 or more	232	140	1	4	87	87	–	–	–
Not reported	1 395	1 193	8	13	181	162	19	–	–
Median	**43 475**	**36 227**	**39 531**	**47 983**	**92 802**	**95 107**	**12 702**	**...**	**...**
Received as inheritance or gift	338	324	2	6	6	2	4	–	–
Not reported	357	298	6	1	52	37	6	5	4
Major Source of Down Payment									
Home purchased or built	13 991	11 733	53	104	2 101	2 006	91	4	–
Sale of previous home	3 622	2 793	18	10	801	788	13	1	–
Savings or cash on hand	7 554	6 510	30	69	945	886	56	3	–
Sale of other investment	104	80	–	–	24	24	–	–	–
Borrowing, other than mortgage on this property	450	411	–	8	31	28	3	–	–
Inheritance or gift	359	308	1	2	47	42	5	–	–
Land where building built used for financing	30	20	–	–	10	10	–	–	–
Other	614	544	5	6	60	60	–	–	–
No down payment	819	701	–	7	111	99	12	–	–
Not reported	439	365	–	2	72	69	3	–	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**14 686**	**12 354**	**62**	**111**	**2 159**	**2 045**	**101**	**9**	**4**
Mortgages Currently on Property									
None, owned free and clear	5 532	5 108	22	28	374	311	61	–	1
With mortgage or land contract	9 154	7 247	39	83	1 785	1 733	40	9	3
One mortgage or land contract	7 965	6 245	32	74	1 615	1 574	37	4	–
Two mortgages	916	797	3	8	109	109	–	–	–
Three or more mortgages	24	18	–	–	5	5	–	–	–
Number of mortgages not reported	249	186	5	1	57	46	3	5	3
OWNERS WITH ONE OR MORE MORTGAGES									
Total	**9 154**	**7 247**	**39**	**83**	**1 785**	**1 733**	**40**	**9**	**3**
Type of Primary Mortgage									
FHA	1 897	1 527	2	10	358	358	–	–	–
VA	854	676	2	6	170	170	–	–	–
Farmers Home Administration	39	31	–	–	8	8	–	–	–
Other types	5 761	4 521	30	64	1 146	1 105	37	4	–
Don't know	267	232	–	2	32	32	–	–	–
Not reported	337	260	5	1	72	61	3	5	3
Lower Cost State and Local Mortgages									
State or local program used	906	754	2	–	150	150	–	–	–
Not used	7 923	6 256	32	82	1 552	1 513	35	4	–
Not reported	326	237	5	1	84	71	5	5	3
Mortgage Origination									
Placed new mortgage(s)	7 627	5 935	35	75	1 583	1 545	34	4	–
Primary obtained when property acquired	5 337	4 103	22	54	1 158	1 124	30	4	–
Obtained later	2 248	1 797	13	21	418	414	4	–	–
Date not reported	42	35	–	–	7	7	–	–	–
Assumed	442	388	–	1	53	53	–	–	–
Wrap-around	6	3	–	–	3	–	3	–	–
Combination of the above	762	672	–	6	85	85	–	–	–
Origin not reported	317	249	5	1	62	51	3	5	3
Payment Plan of Primary Mortgage									
Fixed payment, self amortizing	7 004	5 593	25	66	1 321	1 288	32	–	–
Adjustable rate mortgage	860	621	4	7	227	224	–	3	–
Adjustable term mortgage	17	14	–	–	2	2	–	–	–
Graduated payment mortgage	85	56	–	–	29	29	–	–	–
Balloon	61	49	–	–	13	12	–	1	–
Other	136	94	1	2	39	39	–	–	–
Combination of the above	44	39	–	–	5	5	–	–	–
Not reported	946	781	9	7	149	133	8	5	3
Payment Plan of Secondary Mortgage									
Units with two or more mortgages	940	815	3	8	113	113	–	–	–
Fixed payment, self amortizing	523	442	–	4	77	77	–	–	–
Adjustable rate mortgage	69	62	–	2	5	5	–	–	–
Adjustable term mortgage	19	17	–	–	2	2	–	–	–
Graduated payment mortgage	–	–	–	–	–	–	–	–	–
Balloon	11	11	–	–	–	–	–	–	–
Other	2	2	–	–	–	–	–	–	–
Combination of the above	27	26	1	–	–	–	–	–	–
Not reported	288	254	2	3	30	30	–	–	–
Lenders of Primary and Secondary Mortgages									
Only borrowed from firm(s)	7 973	6 260	32	73	1 608	1 582	22	4	–
Only borrowed from seller	239	205	3	6	25	13	12	–	–
Only borrowed from other individual(s)	103	78	–	–	25	22	3	–	–
Borrowed from a firm and seller	44	42	–	–	3	3	–	–	–
Borrowed from a firm and other individual	33	28	–	–	5	5	–	–	–
Borrowed from seller and other individual	3	2	–	1	–	–	–	–	–
One or both sources not reported	759	631	5	3	120	109	3	5	3
Items Included in Primary Mortgage Payment[1]									
Principal and interest only	2 470	2 027	18	18	408	383	24	1	–
Property taxes	5 987	4 658	17	60	1 252	1 242	7	3	–
Property insurance	5 247	4 075	13	48	1 112	1 098	13	1	–
Other	419	327	–	5	87	86	–	1	–
Not reported	494	395	5	3	92	81	3	5	3
Year Primary Mortgage Originated									
1990 to 1994	4 013	2 850	13	34	1 117	1 098	17	3	–
1985 to 1989	2 337	1 819	11	16	491	473	16	1	–
1980 to 1984	709	590	3	11	106	102	4	–	–
1975 to 1979	924	912	4	8	–	–	–	–	–
1970 to 1974	500	492	2	5	–	–	–	–	–
1960 to 1969	252	248	–	4	–	–	–	–	–
1950 to 1959	27	26	–	2	–	–	–	–	–
1949 or earlier	7	2	1	3	–	–	–	–	–
Not reported	385	308	5	1	72	60	3	5	3
Median	**1985**	**1983**	**...**	**1981**	**1987**	**1987**	**...**	**...**	**...**

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	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	114	74	2	–	37	21	16	–	–
8 to 12 years	154	140	–	–	14	7	4	3	–
13 to 17 years	621	473	3	13	133	129	3	–	–
18 to 22 years	371	316	1	6	49	46	4	–	–
23 to 27 years	455	396	–	5	53	53	–	–	–
28 to 32 years	4 401	3 400	11	31	958	950	7	1	–
33 years or more	39	34	–	–	5	5	–	–	–
Variable	84	75	2	–	7	7	–	–	–
Not reported	2 915	2 338	20	28	530	515	7	5	3
Median	**30**	**29**	**...**	**29**	**30**	**30**	**...**	**...**	**...**
Remaining Years Mortgaged									
Less than 8 years	1 000	906	5	10	79	58	20	1	–
8 to 12	1 102	981	7	14	99	90	6	3	–
13 to 17	1 513	1 280	7	8	217	217	–	–	–
18 to 22	685	540	2	7	136	132	4	–	–
23 to 27	1 687	1 218	6	12	451	448	3	1	–
28 to 32	2 027	1 357	1	18	652	648	4	–	–
33 years or more	20	15	–	–	5	5	–	–	–
Variable	207	177	3	1	27	27	–	–	–
Not reported	913	773	8	12	119	108	3	5	3
Median	**21**	**18**	**...**	**19**	**26**	**26**	**...**	**...**	**...**
Current Interest Rate									
Less than 6 percent	259	195	1	2	60	60	–	–	–
6 to 7.9	1 094	792	4	5	292	291	–	1	–
8 to 9.9	1 975	1 498	4	17	455	455	–	–	–
10 to 11.9	739	594	–	12	132	123	7	3	–
12 to 13.9	130	95	–	3	32	29	3	–	–
14 to 15.9	31	21	–	1	9	6	4	–	–
16 to 17.9	10	9	–	1	–	–	–	–	–
18 to 19.9	5	5	–	–	–	–	–	–	–
20 percent or more	–	–	–	–	–	–	–	–	–
Not reported	4 912	4 037	30	41	804	769	27	5	3
Median	**8.3**	**8.3**	**...**	**9.1**	**8.1**	**8.1**	**...**	**...**	**...**
Total Outstanding Principal Amount									
Less than $10,000	396	369	1	11	15	8	7	–	–
$10,000 to $19,999	429	405	–	4	19	16	3	–	–
$20,000 to $29,999	486	442	2	6	35	31	4	–	–
$30,000 to $39,999	476	397	2	6	71	71	–	–	–
$40,000 to $49,999	438	347	1	2	88	88	–	–	–
$50,000 to $59,999	415	321	2	4	88	88	–	–	–
$60,000 to $69,999	365	228	–	–	138	135	–	2	–
$70,000 to $79,999	262	186	–	–	76	76	–	–	–
$80,000 to $99,999	366	172	–	5	189	189	–	–	–
$100,000 to $119,999	168	88	–	2	79	79	–	–	–
$120,000 to $149,999	199	113	–	–	86	86	–	1	–
$150,000 to $199,999	139	93	–	1	45	45	–	1	–
$200,000 to $249,999	61	29	–	1	31	31	–	–	–
$250,000 to $299,999	20	6	–	–	13	13	–	–	–
$300,000 or more	21	13	1	–	7	7	–	–	–
Not reported	4 912	4 037	30	41	804	769	27	5	3
Median	**47 615**	**39 752**	**...**	**30 363**	**74 755**	**75 694**	**...**	**...**	**...**
Current Total Loan as Percent of Value									
Less than 20 percent	563	530	2	13	18	18	–	–	–
20 to 39	576	508	2	6	60	58	2	–	–
40 to 59	670	499	–	7	164	156	8	–	–
60 to 79	1 103	783	2	11	308	304	4	–	–
80 to 89	669	433	1	2	233	233	–	–	–
90 to 99	457	320	–	2	135	135	–	–	–
100 percent or more	203	137	2	1	63	59	–	4	–
Not reported	4 912	4 037	30	41	804	769	27	5	3
Median	**65.7**	**61.7**	**...**	**46.2**	**76.1**	**76.4**	**...**	**...**	**...**

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

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**14 686**	**12 354**	**62**	**111**	**2 159**	**2 045**	**101**	**9**	**4**
Repairs, Improvements, Alterations in Last 2 Years									
Roof replaced (all or part)	2 654	2 434	19	23	179	164	15	–	–
Mostly done by household	518	478	5	9	27	17	9	–	–
Mostly done by others	2 093	1 914	14	13	153	146	6	–	–
Workers not reported	43	42	–	2	–	–	–	–	–
Costing $500 or more	1 929	1 796	11	18	103	97	6	–	–
Costing less than $500	455	384	2	3	66	56	10	–	–
Cost not reported	271	254	5	2	10	10	–	–	–
Roof replacement not reported	202	144	5	1	52	38	6	5	4
Additions built	442	342	7	5	88	88	–	–	–
Mostly done by household	167	113	2	–	52	52	–	–	–
Mostly done by others	264	219	5	5	36	36	–	–	–
Workers not reported	11	11	–	–	–	–	–	–	–
Costing $500 or more	370	287	7	3	73	73	–	–	–
Costing less than $500	22	16	–	1	5	5	–	–	–
Cost not reported	49	39	–	1	10	10	–	–	–
Additions not reported	202	146	5	1	50	35	6	5	4
Kitchen remodeled or added	1 294	1 184	5	14	92	87	3	2	–
Mostly done by household	593	551	2	5	35	30	3	2	–
Mostly done by others	678	616	2	7	52	52	–	–	–
Workers not reported	23	17	–	1	5	5	–	–	–
Costing $500 or more	944	862	2	8	71	69	–	2	–
Costing less than $500	246	227	2	1	15	12	3	–	–
Cost not reported	104	95	–	4	5	5	–	–	–
Kitchen remodeled or added not reported	199	146	5	1	47	33	6	5	4
Bathroom remodeled or added	1 521	1 393	5	17	107	92	12	2	–
Mostly done by household	772	700	2	7	63	50	11	2	–
Mostly done by others	719	668	2	8	41	39	2	–	–
Workers not reported	30	25	–	2	3	3	–	–	–
Costing $500 or more	971	910	2	10	49	47	–	2	–
Costing less than $500	410	362	2	2	43	31	12	–	–
Cost not reported	140	121	–	5	14	14	–	–	–
Bathroom remodeled or added not reported	194	142	5	1	47	33	6	5	4
Siding replaced or added	637	585	4	13	35	35	–	–	–
Mostly done by household	182	170	2	1	8	8	–	–	–
Mostly done by others	436	398	1	10	27	27	–	–	–
Workers not reported	19	17	–	2	–	–	–	–	–
Costing $500 or more	389	375	–	5	10	10	–	–	–
Costing less than $500	154	132	4	6	13	13	–	–	–
Cost not reported	93	78	–	3	12	12	–	–	–
Siding replaced or added not reported	204	146	5	1	52	37	6	5	4
Storm doors/windows bought and installed	1 686	1 546	9	16	115	113	2	–	–
Mostly done by household	678	595	7	4	72	72	–	–	–
Mostly done by others	987	929	2	13	43	41	2	–	–
Workers not reported	22	22	–	–	–	–	–	–	–
Costing $500 or more	776	741	2	9	24	24	–	–	–
Costing less than $500	725	631	7	5	82	80	2	–	–
Cost not reported	186	173	–	3	10	10	–	–	–
Storm doors/windows bought and installed not reported	218	153	5	1	60	45	6	5	4
Major equipment replaced or added	1 545	1 401	–	12	132	124	6	2	–
Mostly done by household	228	192	–	1	36	29	6	2	–
Mostly done by others	1 285	1 177	–	12	96	96	–	–	–
Workers not reported	32	32	–	–	–	–	–	–	–
Costing $500 or more	1 166	1 066	–	10	90	88	–	2	–
Costing less than $500	231	197	–	1	33	27	6	–	–
Cost not reported	149	138	–	1	10	10	–	–	–
Major equipment replaced or added not reported	222	161	5	2	55	40	6	5	4
Insulation added	869	789	6	12	61	61	–	–	–
Mostly done by household	400	372	2	6	20	20	–	–	–
Mostly done by others	438	389	4	6	39	39	–	–	–
Workers not reported	31	28	–	–	3	3	–	–	–
Costing $500 or more	203	182	–	5	17	17	–	–	–
Costing less than $500	475	433	6	6	30	30	–	–	–
Cost not reported	191	174	–	2	14	14	–	–	–
Insulation added not reported	235	168	5	1	62	47	6	5	4
Other major work[1]	3 046	2 596	9	33	408	405	4	–	–
Mostly done by household	885	737	2	9	136	132	4	–	–
Mostly done by others	2 066	1 782	7	24	253	253	–	–	–
Workers not reported	96	77	–	–	19	19	–	–	–
Other major work not reported	242	180	5	1	56	42	6	5	4
Government Subsidy for Repairs									
Units with major repairs the last 2 years	7 378	6 518	31	70	760	729	28	3	–
Received low-interest loan or grant	224	207	–	2	15	15	–	–	–
No low-interest loan or grant	7 009	6 181	31	66	732	702	28	3	–
Not reported	145	131	–	2	13	13	–	–	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**44 262**	**31 385**	**365**	**102**	**12 410**	**10 883**	**1 365**	**115**	**47**
Tenure									
Owner occupied	32 138	22 881	114	64	9 080	8 060	980	33	6
Percent of all occupied	72.6	72.9	31.2	62.7	73.2	74.1	71.8	28.9	13.8
Renter occupied	12 124	8 504	251	38	3 330	2 823	385	82	40
Race and Origin									
White	39 852	28 280	335	91	11 146	9 718	1 277	109	42
Non-Hispanic	37 380	26 447	318	86	10 528	9 201	1 193	93	42
Hispanic	2 471	1 833	17	5	618	517	85	16	–
Black	2 925	2 092	17	10	806	714	81	5	5
Other	1 485	1 013	12	1	458	451	7	–	–
Total Hispanic	2 706	2 015	17	5	669	567	87	16	–
Units in Structure									
1, detached	30 206	23 503	–	71	6 631	6 441	77	84	30
1, attached	2 501	1 417	–	2	1 082	1 070	–	8	4
2 to 4	3 173	2 250	357	17	549	531	–	11	8
5 to 9	1 698	1 133	7	3	555	548	–	7	1
10 to 19	1 785	1 072	1	5	706	701	–	2	4
20 to 49	1 079	717	1	–	361	361	–	–	–
50 or more	956	651	–	2	303	299	–	4	–
Mobile home or trailer	2 865	642	–	1	2 222	933	1 289	–	–
Cooperatives and Condominiums									
Cooperatives	208	170	–	–	38	23	15	–	–
Condominiums	2 188	1 153	–	3	1 032	1 032	–	–	–
Year Structure Built[1]									
1990 to 1994	2 688	–	–	–	2 688	2 683	4	–	–
1985 to 1989	4 853	–	–	–	4 853	4 842	11	–	–
1980 to 1984	3 603	210	–	–	3 393	3 357	32	–	4
1975 to 1979	5 403	4 862	18	7	516	–	463	43	10
1970 to 1974	5 103	4 613	16	6	468	–	445	4	19
1960 to 1969	7 666	7 264	36	8	359	–	334	16	9
1950 to 1959	6 332	6 166	94	13	59	–	47	9	4
1940 to 1949	2 946	2 869	48	15	15	–	11	4	–
1930 to 1939	1 912	1 713	133	47	20	–	12	8	–
1920 to 1929	1 383	1 361	9	–	13	–	2	11	–
1919 or earlier	2 372	2 328	12	7	25	–	5	19	1
Median	**1968**	**1962**	**1946**	**1939**	**1985**	**1986**	**1973**	**1964**	**...**
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	44 262	31 385	365	102	12 410	10 883	1 365	115	47
In central cities	...	...	...	...	...	...	...	...	...
Suburbs	44 262	31 385	365	102	12 410	10 883	1 365	115	47
Outside metropolitan statistical areas	...	...	...	...	...	...	...	...	...
Regions									
Northeast	10 384	8 442	151	54	1 737	1 583	130	19	5
Midwest	9 818	7 659	88	22	2 050	1 881	151	15	2
South	14 459	8 607	55	12	5 785	4 883	823	67	11
West	9 601	6 677	72	14	2 839	2 536	262	14	28
Urbanized Areas									
Inside urbanized areas	28 730	22 259	214	64	6 193	5 810	324	24	35
In central cities of (P)MSA's	...	...	...	...	...	...	...	...	...
Urban fringe	28 730	22 259	214	64	6 193	5 810	324	24	35
Outside urbanized areas	15 532	9 126	151	38	6 217	5 073	1 041	91	12
Other urban	3 540	2 442	48	17	1 033	956	68	9	–
Rural	11 992	6 684	102	21	5 184	4 117	973	82	12
Place Size[2]									
Less than 2,500 persons	1 736	1 400	39	5	291	183	85	20	4
2,500 to 9,999 persons	5 927	4 829	72	21	1 005	900	96	9	–
10,000 to 19,999 persons	5 675	4 692	49	17	917	837	71	1	8
20,000 to 49,999 persons	7 780	6 427	68	23	1 262	1 211	40	11	–
50,000 to 99,999 persons	4 064	3 433	24	7	601	542	34	1	24
100,000 to 249,999 persons	1 162	957	5	3	197	188	9	1	–
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. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**44 262**	**31 385**	**365**	**102**	**12 410**	**10 883**	**1 365**	**115**	**47**
Stories in Structure									
1	911	590	70	3	248	240	–	3	4
2	3 504	2 148	106	6	1 244	1 234	–	5	5
3	2 831	1 970	160	6	695	682	–	10	4
4 to 6	962	749	16	10	186	182	–	4	–
7 or more	470	365	–	2	102	102	–	–	–
Not reported	12	–	12	–	–	–	–	–	–
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	7 767	5 232	283	25	2 227	2 199	–	19	9
None (on same floor)	3 144	2 007	128	9	1 000	992	–	7	1
1 (up or down)	2 510	1 780	104	5	621	612	–	6	4
2 or more (up or down)	1 705	1 217	14	9	466	460	–	6	–
Not reported	407	228	38	1	140	135	–	1	4
Common Stairways									
Multiunits, 2 or more floors	7 767	5 232	283	25	2 227	2 199	–	19	9
No common stairways	1 724	1 108	157	5	455	452	–	2	1
With common stairways	5 665	3 916	88	18	1 642	1 622	–	17	4
No loose steps	5 313	3 664	76	17	1 556	1 536	–	17	4
Railings not loose	4 850	3 348	49	17	1 436	1 418	–	14	4
Railings loose	182	127	5	–	51	48	–	3	–
No railings	227	156	18	–	53	53	–	–	–
Status of railings not reported	54	33	4	–	17	17	–	–	–
Loose steps	330	237	10	1	81	81	–	–	–
Railings not loose	260	182	4	1	73	73	–	–	–
Railings loose	51	40	3	1	7	7	–	–	–
No railings	10	7	3	–	–	–	–	–	–
Status of railings not reported	9	9	–	–	–	–	–	–	–
Status of steps not reported	23	15	2	–	5	5	–	–	–
Status of stairways not reported	377	208	38	1	130	126	–	1	4
Light Fixtures in Public Halls									
2 or more units in structure	8 678	5 822	353	28	2 475	2 439	–	23	13
No public halls	3 737	2 345	269	13	1 111	1 096	–	10	5
No light fixtures in public halls	16	9	2	–	5	5	–	–	–
All in working order	3 084	2 168	26	12	877	868	–	9	–
Some in working order	158	136	1	1	21	17	–	1	4
None in working order	5	5	–	–	–	–	–	–	–
Unable to determine if working	1 221	902	13	1	305	302	–	2	–
Not reported	457	257	42	1	157	152	–	1	4
Elevator on Floor									
Multiunits, 2 or more floors	7 767	5 232	283	25	2 227	2 199	–	19	9
With 1 or more elevators working	1 075	748	3	2	321	321	–	–	–
With elevator, none in working condition	18	16	–	–	3	3	–	–	–
No elevator	6 304	4 270	243	21	1 770	1 746	–	19	5
Units 3 or more floors from main entrance	193	130	1	–	62	62	–	–	–
Not reported	370	198	38	1	133	128	–	1	4
Foundation									
1 unit bldg. excl. mobile homes	32 707	24 920	–	73	7 713	7 510	77	92	34
With basement under all of building	12 006	9 632	–	37	2 338	2 300	22	12	4
With basement under part of building	4 071	3 419	–	17	635	625	–	7	2
With crawl space	6 778	5 446	–	11	1 321	1 263	38	20	–
On concrete slab	9 296	5 985	–	7	3 303	3 238	16	46	4
Other	526	439	–	1	86	78	–	8	–
Not reported	31	–	–	–	31	7	–	–	24
External Building Conditions[1]									
Sagging roof	30	20	9	1	–	–	–	–	–
Missing roofing material	45	43	2	–	–	–	–	–	–
Hole in roof	15	13	–	–	2	2	–	–	–
Could not see roof	753	628	19	5	100	98	–	2	–
Missing bricks, siding, other outside wall material	113	93	10	1	9	9	–	–	–
Sloping outside walls	16	11	5	–	–	–	–	–	–
Boarded up windows	22	19	–	1	3	3	–	–	–
Broken windows	43	37	2	1	3	2	–	1	–
Bars on windows	40	30	2	–	8	5	–	3	–
Foundation crumbling or has open crack or hole	73	65	5	1	2	2	–	–	–
Could not see foundation	240	174	11	1	53	50	–	–	4
None of the above	7 142	4 720	257	21	2 144	2 124	–	16	4
Could not observe or not reported	578	316	58	1	203	197	–	1	5
Site Placement									
Mobile homes	2 865	642	–	1	2 222	933	1 289	–	–
First site	1 529	401	–	1	1 126	663	464	–	–
Moved from another site	731	109	–	–	622	170	452	–	–
Don't know	533	118	–	–	415	75	340	–	–
Not reported	73	14	–	–	59	26	33	–	–
Previous Occupancy									
Unit built 1980 or later	11 144	210	–	–	10 934	10 883	47	–	4
Not previously occupied	5 849	47	–	–	5 802	5 782	20	–	–
Not reported	1 102	76	–	–	1 027	1 017	6	–	4

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**44 262**	**31 385**	**365**	**102**	**12 410**	**10 883**	**1 365**	**115**	**47**
Rooms									
1 room	136	82	7	3	44	14	–	6	24
2 rooms	244	170	18	–	56	44	6	6	–
3 rooms	2 624	1 846	83	3	691	581	73	30	7
4 rooms	7 051	4 481	95	15	2 461	1 841	590	26	4
5 rooms	9 381	6 549	57	19	2 756	2 277	463	15	1
6 rooms	9 548	7 257	59	15	2 217	2 078	118	15	6
7 rooms	6 999	5 219	33	15	1 732	1 650	82	–	–
8 rooms	4 543	3 214	6	14	1 310	1 273	26	7	4
9 rooms	2 293	1 590	5	11	688	677	8	2	–
10 rooms or more	1 443	978	2	7	456	448	–	7	–
Median	**5.8**	**5.9**	**4.3**	**6.3**	**5.6**	**5.8**	**4.5**	**4.1**	**...**
Bedrooms									
None	249	163	15	3	68	33	–	11	24
1	3 839	2 678	115	9	1 037	881	112	38	7
2	12 535	8 440	145	28	3 923	3 083	797	35	8
3	19 165	13 960	71	36	5 099	4 640	432	19	8
4 or more	8 474	6 145	18	27	2 284	2 246	24	13	–
Median	**2.8**	**2.8**	**1.9**	**2.8**	**2.7**	**2.8**	**2.2**	**1.8**	**...**
Complete Bathrooms									
None	90	68	3	–	19	10	3	6	–
1	16 192	12 909	288	33	2 962	2 069	782	75	37
1 and one-half	7 562	6 255	34	10	1 262	1 069	193	–	–
2 or more	20 418	12 153	40	58	8 168	7 735	388	34	10
Square Footage of Unit									
Single detached and mobile homes	33 071	24 146	–	72	8 853	7 374	1 365	84	30
Less than 500	298	153	–	–	145	54	91	–	–
500 to 749	1 057	683	–	–	373	49	322	3	–
750 to 999	2 461	1 577	–	1	882	442	429	11	–
1,000 to 1,499	7 131	5 359	–	9	1 763	1 469	271	21	2
1,500 to 1,999	6 956	5 367	–	9	1 580	1 537	42	–	–
2,000 to 2,499	5 326	4 071	–	6	1 249	1 227	18	–	4
2,500 to 2,999	3 067	2 252	–	5	810	798	5	7	–
3,000 to 3,999	2 867	2 130	–	6	731	727	–	3	–
4,000 or more	1 563	1 105	–	2	457	444	11	2	–
Not reported	2 345	1 448	–	34	862	627	176	35	24
Median	**1 817**	**1 833**	**...**	**1 995**	**1 763**	**1 942**	**856**	**1 235**	**...**
Lot Size									
Less than one-eighth acre	3 152	2 339	–	8	805	579	225	–	–
One-eighth up to one-quarter acre	6 387	4 965	–	17	1 405	1 295	105	5	–
One-quarter up to one-half acre	5 923	4 528	–	4	1 390	1 338	52	–	–
One-half up to one acre	4 168	3 057	–	6	1 105	1 011	78	16	–
1 to 4 acres	5 399	3 672	–	13	1 714	1 432	270	9	2
5 to 9 acres	809	476	–	3	331	251	68	8	4
10 acres or more	1 198	863	–	3	333	244	75	11	4
Don't know	5 407	3 498	–	17	1 892	1 463	392	37	–
Not reported	3 128	2 165	–	3	960	830	99	7	24
Median	**.42**	**.40**	**...**	**.34**	**.49**	**.47**	**.85**	**2.45**	**...**
Persons Per Room									
0.50 or less	30 464	21 840	247	60	8 317	7 402	848	51	15
0.51 to 1.00	12 869	8 839	107	39	3 884	3 356	463	53	11
1.01 to 1.50	756	582	8	3	164	110	44	10	–
1.51 or more	172	124	2	–	46	15	10	–	20
Square Feet Per Person									
Single detached and mobile homes	33 071	24 146	–	72	8 853	7 374	1 365	84	30
Less than 200	821	547	–	1	272	97	168	8	–
200 to 299	2 026	1 395	–	–	630	434	194	3	–
300 to 399	3 074	2 134	–	6	933	696	218	16	2
400 to 499	3 394	2 369	–	3	1 022	836	186	–	–
500 to 599	3 076	2 222	–	5	849	781	69	–	–
600 to 699	3 039	2 181	–	4	854	746	99	5	4
700 to 799	2 555	1 837	–	4	714	611	103	–	–
800 to 899	1 960	1 397	–	2	561	520	41	–	–
900 to 999	1 752	1 319	–	1	432	384	39	9	–
1,000 to 1,499	5 089	4 082	–	7	1 000	947	52	–	–
1,500 or more	3 942	3 214	–	4	724	695	21	8	–
Not reported	2 345	1 448	–	34	862	627	176	35	24
Median	**698**	**727**	**...**	**678**	**634**	**671**	**408**	**385**	**...**

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**44 262**	**31 385**	**365**	**102**	**12 410**	**10 883**	**1 365**	**115**	**47**
Equipment[1]									
Lacking complete kitchen facilities	348	250	8	–	90	48	15	3	24
With complete kitchen (sink, refrigerator and burners)	43 914	31 135	357	102	12 320	10 835	1 350	112	23
Kitchen sink	44 086	31 268	359	102	12 357	10 855	1 364	115	23
Refrigerator	44 148	31 317	362	102	12 366	10 873	1 356	115	23
Less than 5 years old	16 314	10 559	112	37	5 605	5 207	363	28	6
Age not reported	622	359	17	2	244	213	26	5	–
Burners and oven	44 085	31 261	360	102	12 363	10 866	1 362	112	23
Less than 5 years old	13 202	7 934	99	35	5 134	4 820	279	31	5
Age not reported	669	365	10	2	293	267	21	5	–
Burners only	43	30	–	–	13	4	3	–	5
Less than 5 years old	9	5	–	–	4	4	–	–	–
Age not reported	10	4	–	–	5	–	–	–	5
Oven only	33	22	–	–	11	11	–	–	–
Less than 5 years old	19	8	–	–	11	11	–	–	–
Age not reported	2	2	–	–	–	–	–	–	–
Neither burners nor oven	102	73	5	–	24	2	–	3	19
Dishwasher	27 582	17 854	121	44	9 564	9 214	300	33	18
Less than 5 years old	10 323	5 782	48	14	4 479	4 383	78	13	5
Age not reported	505	280	5	–	220	211	9	–	–
Washing machine	36 851	25 778	202	81	10 790	9 665	1 044	65	15
Less than 5 years old	13 643	8 685	81	32	4 846	4 487	331	25	2
Age not reported	307	184	–	2	121	107	14	–	–
Clothes dryer	34 972	24 252	189	71	10 460	9 482	899	63	15
Less than 5 years old	11 718	7 130	68	21	4 499	4 228	246	22	2
Age not reported	271	152	2	2	115	105	10	–	–
Disposal in kitchen sink	21 842	13 903	66	22	7 851	7 645	178	13	15
Less than 5 years old	8 810	4 721	32	10	4 048	3 985	60	1	2
Age not reported	625	391	–	–	234	231	2	1	–
Air conditioning:									
Central	22 768	13 700	49	21	8 999	8 417	513	38	30
1 room unit	6 547	5 432	104	24	986	617	330	35	4
2 room units	3 081	2 671	26	5	379	206	149	15	8
3 room units or more	1 202	1 115	17	7	64	48	15	–	–
Main Heating Equipment									
Warm-air furnace	25 616	17 883	134	35	7 563	6 626	877	31	30
Steam or hot water system	5 804	5 138	131	45	491	464	4	15	8
Electric heat pump	4 602	2 032	16	5	2 548	2 463	75	10	–
Built-in electric units	2 772	2 025	24	6	717	674	33	4	5
Floor, wall, or other built-in hot air units without ducts	1 831	1 654	18	1	159	91	57	9	2
Room heaters with flue	569	497	7	1	63	27	29	7	–
Room heaters without flue	455	332	2	1	120	36	80	4	–
Portable electric heaters	340	229	9	1	100	31	59	10	–
Stoves	879	591	10	1	276	160	99	17	–
Fireplaces with inserts	235	169	2	–	64	63	–	–	–
Fireplaces without inserts	152	122	2	–	27	27	–	–	–
Other	564	420	5	3	137	115	20	–	1
None	444	292	5	2	145	106	31	8	–
Other Heating Equipment									
With other heating equipment[1]	13 161	9 055	83	36	3 986	3 565	393	24	4
Warm-air furnace	562	336	–	1	225	156	64	5	–
Steam or hot water system	95	83	–	–	12	10	2	–	–
Electric heat pump	120	82	1	–	37	37	–	–	–
Built-in electric units	930	770	19	3	138	130	8	–	–
Floor, wall, or other built-in hot-air units without ducts	210	181	3	2	24	17	6	–	–
Room heaters with flue	345	260	5	–	81	44	37	–	–
Room heaters without flue	671	516	12	–	144	93	51	–	–
Portable electric heaters	2 473	1 930	18	10	514	355	147	12	–
Stoves	1 485	1 166	4	6	309	241	65	3	–
Fireplaces with inserts	2 225	1 444	7	4	770	753	13	–	4
Fireplaces with no inserts	5 095	3 146	29	9	1 911	1 885	19	7	–
Other	409	304	2	2	100	89	10	1	–
Plumbing									
With all plumbing facilities	43 719	30 977	359	102	12 281	10 764	1 356	114	47
Lacking some plumbing facilities[1]	34	28	1	–	5	4	–	1	–
No hot piped water	19	17	–	–	2	2	–	–	–
No bathtub nor shower	18	14	1	–	3	2	–	1	–
No flush toilet	14	12	–	–	2	2	–	–	–
No plumbing facilities for exclusive use	509	380	5	–	124	115	9	–	–
Source of Water									
Public system or private company	37 691	26 938	308	94	10 350	9 284	954	72	42
Well serving 1 to 5 units	5 759	3 899	41	8	1 812	1 397	375	36	4
Drilled	4 946	3 290	41	7	1 608	1 253	325	31	–
Dug	477	349	–	1	127	92	31	–	4
Not reported	336	260	–	–	76	52	19	5	–
Other	812	548	16	–	248	203	37	7	1

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	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	33 312	24 126	251	81	8 853	8 211	537	64	40
Septic tank, cesspool, chemical toilet	10 931	7 245	114	21	3 552	2 670	825	51	6
Other	19	14	–	–	5	2	3	–	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**44 262**	**31 385**	**365**	**102**	**12 410**	**10 883**	**1 365**	**115**	**47**
Main House Heating Fuel									
Housing units with heating fuel	43 818	31 093	360	100	12 265	10 777	1 334	106	47
Electricity	12 247	6 698	64	13	5 472	4 968	452	38	13
Piped gas	22 725	17 495	195	47	4 988	4 587	342	31	28
Bottled gas	1 280	717	2	2	559	354	198	7	–
Fuel oil	5 403	4 771	82	33	518	424	79	11	4
Kerosene or other liquid fuel	472	233	–	–	239	107	127	3	2
Coal or coke	115	88	–	–	26	22	4	–	–
Wood	1 347	937	15	1	394	267	110	17	–
Solar energy	13	8	2	–	2	2	–	–	–
Other	216	145	–	5	66	45	21	–	–
Other House Heating Fuels									
With other heating fuels[1]	8 127	5 829	61	30	2 207	1 895	284	19	9
Electricity	2 562	1 944	31	14	572	434	120	13	5
Piped gas	414	302	7	2	102	93	10	–	–
Bottled gas	158	111	–	–	47	29	18	–	–
Fuel oil	225	195	–	–	30	25	4	–	–
Kerosene or other liquid fuel	553	376	9	–	168	96	71	–	–
Coal or coke	83	63	–	1	19	15	4	–	–
Wood	4 288	2 974	21	13	1 280	1 214	57	5	4
Solar energy	61	44	3	–	14	14	–	–	–
Other	192	121	2	1	68	54	14	–	–
Not reported	269	192	–	–	77	68	8	–	–
Cooking Fuel									
With cooking fuel	44 160	31 312	360	102	12 386	10 881	1 365	112	28
Electricity	27 194	18 319	209	49	8 616	7 865	648	79	24
Piped gas	14 994	11 847	132	44	2 970	2 590	344	33	4
Bottled gas	1 720	989	18	7	706	364	342	1	–
Kerosene or other liquid fuel	144	97	–	–	47	35	11	–	–
Coal or coke	3	3	–	–	–	–	–	–	–
Wood	2	–	–	–	2	2	–	–	–
Other	104	58	–	2	45	25	20	–	–
Water Heating Fuel									
With hot piped water	44 228	31 359	362	102	12 405	10 881	1 363	115	47
Electricity	16 274	9 728	105	23	6 418	5 435	924	50	9
Piped gas	23 520	18 115	198	51	5 156	4 802	282	46	27
Bottled gas	1 156	758	11	3	383	255	117	11	–
Fuel oil	2 771	2 441	46	19	264	249	6	6	4
Kerosene or other liquid fuel	151	70	–	2	79	57	17	3	2
Coal or coke	12	7	–	–	5	5	–	–	–
Wood	5	2	–	–	2	2	–	–	–
Solar energy	165	125	–	1	39	34	–	–	5
Other	175	111	2	2	59	42	16	–	–
Central Air Conditioning Fuel									
With central air conditioning	22 768	13 700	49	21	8 999	8 417	513	38	30
Electricity	21 128	12 465	46	18	8 599	8 026	505	38	30
Piped gas	1 484	1 124	2	3	354	348	5	1	–
Other	156	110	–	–	46	43	3	–	–
Clothes Dryer Fuel									
With clothes dryer	34 972	24 252	189	71	10 460	9 482	899	63	15
Electricity	25 407	16 738	139	45	8 485	7 579	837	53	15
Piped gas	9 124	7 221	45	25	1 833	1 772	51	10	–
Other	440	292	5	1	142	131	11	–	–
Units Using Each Fuel[1]									
Electricity	44 252	31 378	365	102	12 408	10 881	1 365	115	47
All-electric units	9 802	5 123	52	10	4 616	4 252	332	24	9
Piped gas	26 828	20 569	231	61	5 967	5 456	416	57	37
Bottled gas	2 850	1 746	26	12	1 066	615	440	11	–
Fuel oil	6 415	5 593	93	35	694	579	98	13	4
Kerosene or other liquid fuel	1 099	670	9	2	418	211	202	3	2
Coal or coke	201	154	–	1	45	38	8	–	–
Wood	5 635	3 911	35	14	1 675	1 481	167	23	4
Solar energy	226	164	5	1	56	51	–	–	5
Other	538	340	5	6	187	136	51	–	–

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

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**44 262**	**31 385**	**365**	**102**	**12 410**	**10 883**	**1 365**	**115**	**47**
Water Supply Stoppage									
With hot and cold piped water	44 228	31 359	362	102	12 405	10 881	1 363	115	47
No stoppage in last 3 months	42 249	29 987	347	96	11 818	10 457	1 220	98	43
With stoppage in last 3 months	1 780	1 226	13	5	537	383	133	17	4
No stoppage lasting 6 hours or more	811	568	4	–	239	180	55	5	–
1 time lasting 6 hours or more	689	468	9	5	207	145	54	5	4
2 times	112	85	–	–	26	11	15	–	–
3 times	41	34	–	–	8	5	3	–	–
4 times or more	59	26	–	–	33	25	–	8	–
Number of times not reported	68	45	–	–	24	18	6	–	–
Stoppage not reported	199	146	2	1	50	40	9	–	–
Flush Toilet Breakdowns									
With one or more flush toilets	44 233	31 364	362	102	12 405	10 881	1 363	115	47
With at least one working toilet at all times in last 3 months	42 380	29 990	337	102	11 952	10 530	1 288	95	38
None working some time in last 3 months	1 722	1 285	23	–	414	324	65	17	9
No breakdowns lasting 6 hours or more	542	379	8	–	155	117	33	–	5
1 time lasting 6 hours or more	841	649	15	–	177	141	23	9	4
2 times	148	111	–	–	37	34	3	–	–
3 times	44	36	1	–	8	6	2	–	–
4 times or more	50	42	–	–	8	–	–	8	–
Number of times not reported	96	67	–	–	29	25	3	–	–
Breakdowns not reported	131	89	2	–	40	27	10	3	–
Sewage Disposal Breakdowns									
With public sewer	33 312	24 126	251	81	8 853	8 211	537	64	40
No breakdowns in last 3 months	32 796	23 724	243	80	8 749	8 124	521	64	40
With breakdowns in last 3 months	516	403	8	1	104	88	16	–	–
No breakdowns lasting 6 hours or more	160	120	2	–	38	30	8	–	–
1 time lasting 6 hours or more	273	204	6	1	61	53	8	–	–
2 times	56	52	–	–	5	5	–	–	–
3 times	17	17	–	–	–	–	–	–	–
4 times or more	10	10	–	–	–	–	–	–	–
With septic tank or cesspool	10 931	7 245	114	21	3 552	2 670	825	51	6
No breakdowns in last 3 months	10 674	7 084	111	21	3 458	2 601	804	46	6
With breakdowns in last 3 months	257	161	2	–	94	69	21	5	–
No breakdowns lasting 6 hours or more	92	55	–	–	37	27	10	–	–
1 time lasting 6 hours or more	144	95	2	–	46	40	6	–	–
2 times	9	2	–	–	6	2	4	–	–
3 times	5	–	–	–	5	–	–	5	–
4 times or more	9	9	–	–	–	–	–	–	–
Heating Problems									
With heating equipment and occupied last winter	40 503	29 080	309	88	11 026	9 656	1 231	97	42
Not uncomfortably cold for 24 hours or more last winter	37 831	27 155	274	77	10 324	9 083	1 113	90	38
Uncomfortably cold for 24 hours or more last winter[1]	2 602	1 874	35	11	683	557	115	7	4
Equipment breakdowns	700	487	11	5	197	160	33	4	–
No breakdowns lasting 6 hours or more	38	27	–	–	11	11	–	–	–
1 time lasting 6 hours or more	426	287	5	5	129	108	20	1	–
2 times	95	61	2	–	32	27	5	–	–
3 times	50	35	3	1	11	7	4	–	–
4 times or more	48	44	1	–	3	–	–	3	–
Number of times not reported	42	31	–	–	11	7	4	1	–
Other causes	2 001	1 452	24	6	518	425	86	3	4
Utility interruption	983	655	7	2	319	276	39	1	4
Inadequate heating capacity	259	206	5	–	49	38	8	3	–
Inadequate insulation	183	151	5	3	25	11	13	–	–
Other	529	412	8	1	108	82	26	–	–
Not reported	47	28	–	–	19	19	–	–	–
Reason for discomfort not reported	9	9	–	–	–	–	–	–	–
Discomfort not reported	70	51	–	–	19	16	4	–	–
Electric Fuses and Circuit Breakers									
With electrical wiring	44 260	31 385	365	102	12 408	10 881	1 365	115	47
No fuses or breakers blown in last 3 mo.	37 946	26 612	316	87	10 931	9 622	1 160	103	45
With fuses or breakers blown in last 3 mo.	5 875	4 465	45	12	1 353	1 151	193	8	1
1 time	3 109	2 391	22	9	687	606	79	–	1
2 times	1 255	951	15	2	287	217	70	–	–
3 times	474	350	2	–	122	113	6	3	–
4 times or more	737	555	4	1	177	150	26	1	–
Number of times not reported	301	217	3	–	81	65	12	4	–
Problem not reported or don't know	438	309	4	3	123	108	13	3	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**44 262**	**31 385**	**365**	**102**	**12 410**	**10 883**	**1 365**	**115**	**47**
Selected Amenities[1]									
Porch, deck, balcony, or patio	36 151	25 266	251	74	10 561	9 439	1 024	87	12
Not reported	62	59	–	–	3	3	–	–	–
Telephone available	42 310	30 120	328	94	11 768	10 447	1 164	110	47
Usable fireplace	17 500	11 702	59	31	5 707	5 594	80	28	4
Separate dining room	22 513	16 056	111	59	6 287	5 936	317	25	9
With 2 or more living rooms or recreation rooms, etc.	17 159	12 503	67	43	4 546	4 326	182	32	6
Garage or carport included with home	29 306	21 202	149	53	7 901	7 484	359	48	10
Garage or carport not included	14 874	10 128	216	48	4 481	3 371	1 006	67	37
Offstreet parking included	12 771	8 440	173	41	4 117	3 094	931	61	32
Offstreet parking not reported	77	39	2	–	35	35	–	–	–
Garage or carport not reported	82	54	–	1	27	27	–	–	–
Cars and Trucks Available[1]									
No cars, trucks, or vans	2 453	1 887	37	8	521	365	122	10	24
Other households without cars	2 488	1 656	45	8	780	682	84	14	–
1 car with or without trucks or vans	21 205	14 853	198	40	6 114	5 181	860	55	19
2 cars	14 267	10 013	63	34	4 156	3 872	258	23	4
3 or more cars	3 848	2 976	22	12	839	784	41	14	–
With cars, no trucks or vans	25 581	18 308	200	52	7 021	6 271	673	61	15
1 truck or van with or without cars	13 067	8 914	110	40	4 004	3 482	476	40	6
2 or more trucks or vans	3 161	2 276	18	3	864	765	94	4	1
Owner or Manager on Property									
Rental, multiunit[2]	8 690	5 822	365	28	2 475	2 439	–	23	13
Owner or manager lives on property	3 061	2 022	94	9	936	920	–	10	6
Neither owner nor manager lives on property	4 033	2 805	131	13	1 083	1 064	–	13	6
Not reported	1 596	996	139	5	455	455	–	–	–
Selected Deficiencies[1]									
Signs of rats in last 3 months	803	599	2	3	200	129	71	–	–
Holes in floors	413	303	2	1	107	46	54	7	–
Open cracks or holes (interior)	1 532	1 233	23	2	274	187	77	10	–
Broken plaster or peeling paint (interior)	1 172	1 004	26	4	138	108	19	12	–
No electrical wiring	2	–	–	–	2	2	–	–	–
Exposed wiring	625	503	10	1	111	82	30	–	–
Rooms without electric outlets	664	538	4	1	120	83	31	3	4
Water Leakage During Last 12 Months									
No leakage from inside structure	39 410	27 820	308	85	11 197	9 890	1 164	104	39
With leakage from inside structure[1]	4 811	3 537	56	17	1 200	983	201	8	8
Fixtures backed up or overflowed	1 762	1 331	21	9	400	319	78	–	4
Pipes leaked	2 059	1 517	26	7	508	401	95	8	4
Other or unknown (includes not reported)	1 153	822	9	1	320	288	32	–	–
Interior leakage not reported	41	29	–	–	13	10	–	3	–
No leakage from outside structure	36 443	25 461	301	84	10 597	9 392	1 076	86	43
With leakage from outside structure[1]	7 768	5 884	63	18	1 802	1 483	289	26	4
Roof	3 131	2 291	24	11	805	609	179	12	4
Basement	2 888	2 525	20	6	337	327	2	9	–
Walls, closed windows, or doors	1 490	937	13	2	539	445	94	–	–
Other or unknown (includes not reported)	883	605	7	1	271	226	37	8	–
Exterior leakage not reported	51	40	–	–	11	8	–	3	–
Overall Opinion of Structure									
1 (worst)	152	122	1	1	27	12	11	5	–
2	127	103	–	–	24	14	10	–	–
3	260	206	5	1	48	23	25	1	–
4	294	234	3	–	56	30	19	7	–
5	2 317	1 679	36	9	593	377	193	20	4
6	1 749	1 377	13	4	355	236	116	4	–
7	4 486	3 342	55	10	1 079	851	216	8	4
8	10 488	7 754	83	24	2 627	2 288	299	24	15
9	7 353	5 198	59	20	2 076	1 969	102	–	5
10 (best)	16 754	11 156	108	30	5 459	5 042	360	39	19
Not reported	283	214	–	4	65	43	14	8	–
Selected Physical Problems									
Severe physical problems[1]	725	554	10	2	160	130	27	3	–
Plumbing	543	408	6	–	129	119	9	1	–
Heating	99	80	4	1	14	7	4	3	–
Electric	24	19	–	–	5	2	3	–	–
Upkeep	69	52	2	1	14	3	10	–	–
Hallways	3	3	–	–	–	–	–	–	–
Moderate physical problems[1]	1 356	1 048	13	1	294	132	120	19	24
Plumbing	80	63	1	–	16	6	2	8	–
Heating	431	324	2	–	104	33	67	4	–
Upkeep	626	515	5	1	106	50	48	7	–
Hallways	9	9	–	–	–	–	–	–	–
Kitchen	270	185	5	–	80	42	12	3	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. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**44 262**	**31 385**	**365**	**102**	**12 410**	**10 883**	**1 365**	**115**	**47**
Overall Opinion of Neighborhood									
1 (worst)	343	251	6	4	82	55	23	5	–
2	298	213	5	–	80	52	24	1	4
3	430	338	–	4	88	69	19	–	–
4	571	437	6	2	126	93	29	–	4
5	2 641	1 985	21	4	632	494	121	9	9
6	1 958	1 474	21	4	459	381	68	4	6
7	4 565	3 328	48	10	1 179	1 001	160	13	5
8	9 937	7 190	78	21	2 648	2 371	256	16	5
9	7 078	4 987	52	16	2 024	1 856	158	10	–
10 (best)	15 855	10 793	121	32	4 909	4 372	477	46	14
No neighborhood	235	145	5	1	84	72	9	3	–
Not reported	351	244	3	4	99	68	23	8	–
Neighborhood Conditions									
With neighborhood	43 676	30 995	357	97	12 227	10 743	1 334	104	47
No problems	27 999	19 790	223	51	7 935	6 984	847	74	30
With problems[1]	15 632	11 175	134	45	4 278	3 744	487	30	17
Crime	2 039	1 562	10	6	461	417	38	1	5
Noise	3 026	2 263	43	6	714	616	86	8	4
Traffic	3 291	2 526	47	12	706	632	66	9	–
Litter or housing deterioration	1 522	1 176	23	4	319	259	61	–	–
Poor city or county services	510	355	5	1	150	144	6	–	–
Undesirable commercial, institutional, industrial	608	475	12	1	120	110	9	–	–
People	4 810	3 395	37	14	1 363	1 158	192	9	4
Other	4 943	3 337	20	16	1 569	1 399	153	8	9
Type of problem not reported	199	102	5	–	92	77	16	–	–
Presence of problems not reported	46	30	–	1	14	14	–	–	–
Description of Area Within 300 Feet[1]									
Single-family detached houses	3 082	2 296	253	13	520	507	–	11	2
Only single-family detached	–	–	–	–	–	–	–	–	–
Single-family attached or 1 to 3 story multiunit	6 314	4 297	120	16	1 881	1 861	–	17	4
4 to 6 story multiunit	900	710	–	6	183	183	–	–	–
7 stories or more multiunit	300	247	2	2	49	49	–	–	–
Mobile homes	83	56	9	–	18	17	–	–	–
Commercial, institutional, or industrial	2 079	1 599	65	13	402	388	–	12	2
Residential parking lots	2 997	2 017	34	11	934	922	–	9	4
Body of water	456	258	12	4	182	180	–	3	–
Open space, park, farm, or ranch	1 794	1 060	83	10	642	629	–	9	4
4+ lane highway, railroad, or airport	963	684	29	4	247	242	–	4	–
Other	354	262	12	2	78	77	–	1	–
Not observed or not reported	456	262	42	1	151	145	–	1	5
Age of Other Residential Buildings Within 300 Feet									
Older	456	291	5	1	160	160	–	–	–
About the same	6 381	4 322	222	22	1 815	1 795	–	15	5
Newer	198	150	20	2	26	26	–	–	–
Very mixed	848	612	42	2	192	185	–	7	–
No other residential buildings	346	207	24	1	115	111	–	–	4
Not reported	449	240	40	1	168	163	–	1	4
Mobile Homes in Group									
Mobile homes	2 865	642	–	1	2 222	933	1 289	–	–
1 to 6	1 492	235	–	1	1 256	500	756	–	–
7 to 20	204	32	–	–	172	78	93	–	–
21 or more	1 170	375	–	–	794	355	440	–	–
Not reported	–	–	–	–	–	–	–	–	–
Other Buildings Vandalized or With Interior Exposed									
None	7 773	5 278	278	26	2 190	2 165	–	21	5
1 building	68	51	7	–	10	10	–	–	–
More than 1 building	70	52	5	–	13	11	–	1	–
No buildings within 300 feet	200	108	18	–	73	69	–	–	4
Not reported	567	332	45	1	189	184	–	1	4
Bars on Windows of Buildings									
With other buildings within 300 feet	7 911	5 382	290	26	2 213	2 186	–	22	5
No bars on windows	7 472	5 029	278	25	2 140	2 116	–	22	1
1 building with bars	111	89	2	–	19	19	–	–	–
2 or more buildings with bars	298	241	7	2	49	45	–	–	4
Not reported	30	22	2	–	5	5	–	–	–
Condition of Streets									
No repairs needed	6 684	4 454	241	21	1 968	1 945	–	17	6
Minor repairs needed	1 262	960	56	5	241	237	–	4	–
Major repairs needed	124	88	11	–	24	24	–	1	–
No streets within 300 feet	185	88	6	–	92	89	–	–	3
Not reported	423	233	40	1	149	145	–	1	4
Trash, Litter, or Junk on Streets or any Properties									
None	6 876	4 522	244	22	2 089	2 066	–	16	8
Minor accumulation	1 281	985	68	4	224	217	–	6	1
Major accumulation	102	82	2	–	18	18	–	–	–
Not reported	419	234	40	1	144	139	–	1	4

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

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	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	**119 591**	**84 118**	**798**	**323**	**34 352**	**30 563**	**3 392**	**299**	**96**
Total	**44 262**	**31 385**	**365**	**102**	**12 410**	**10 883**	**1 365**	**115**	**47**
Persons									
1 person	9 177	6 746	138	16	2 277	1 853	376	34	14
2 persons	14 737	10 570	117	27	4 023	3 528	457	14	23
3 persons	7 921	5 551	48	24	2 298	2 029	223	43	4
4 persons	7 562	5 044	39	13	2 467	2 264	184	12	6
5 persons	3 222	2 218	13	9	982	899	76	7	–
6 persons	1 070	779	8	9	274	233	37	4	–
7 persons or more	572	477	2	4	89	77	12	–	–
Median	**2.4**	**2.3**	**1.9**	**2.8**	**2.5**	**2.5**	**2.2**	**2.7**	**...**
Number of Single Children Under 18 Years Old									
None	27 067	20 054	256	62	6 694	5 760	827	65	43
1	7 062	4 728	42	11	2 281	1 996	254	32	–
2	6 653	4 225	45	19	2 364	2 169	184	7	4
3	2 518	1 673	14	4	826	756	63	7	–
4	694	490	5	3	197	164	29	4	–
5	197	159	2	2	33	24	10	–	–
6 or more	72	57	–	1	14	14	–	–	–
Median	**.5-**	**.5-**	**.5-**	**.5-**	**.5-**	**.5-**	**.5-**	**.5-**	**...**
Persons 65 Years Old and Over									
None	33 865	22 957	292	77	10 538	9 345	1 056	102	35
1 person	6 735	5 430	58	19	1 228	978	226	13	12
2 persons or more	3 662	2 999	14	5	643	560	83	–	–
Age of Householder									
Under 25 years	1 567	956	32	6	573	469	85	19	–
25 to 29	3 484	2 074	46	6	1 357	1 188	152	16	–
30 to 34	5 138	3 088	62	15	1 973	1 742	219	8	4
35 to 44	10 548	6 790	57	20	3 682	3 368	270	30	14
45 to 54	8 229	6 089	47	21	2 072	1 855	181	22	14
55 to 64	5 876	4 684	47	16	1 129	944	169	7	9
65 to 74	5 495	4 521	39	10	925	764	156	–	5
75 years and over	3 925	3 183	33	8	700	554	133	13	1
Median	**47**	**50**	**42**	**47**	**41**	**41**	**43**	**40**	**...**
Household Composition by Age of Householder									
2-or-more person households	35 084	24 639	227	86	10 133	9 030	989	81	33
Married-couple families, no nonrelatives	26 190	18 347	115	60	7 667	6 940	651	63	12
Under 25 years	543	297	8	–	239	185	45	9	–
25 to 29 years	1 927	1 097	17	3	810	689	110	11	–
30 to 34 years	3 142	1 868	19	11	1 244	1 140	96	5	4
35 to 44 years	6 952	4 353	25	14	2 560	2 387	155	18	–
45 to 64 years	9 322	7 205	32	23	2 062	1 891	142	21	8
65 years and over	4 303	3 527	15	9	752	649	103	–	–
Other male householder	3 339	2 249	38	7	1 045	892	119	17	16
Under 45 years	2 089	1 340	29	1	719	626	66	17	10
45 to 64 years	850	583	7	5	255	204	50	–	1
65 years and over	400	325	2	1	71	62	4	–	5
Other female householder	5 556	4 043	73	19	1 421	1 197	218	–	5
Under 45 years	3 090	2 052	45	7	986	853	134	–	–
45 to 64 years	1 585	1 233	22	7	322	255	62	–	5
65 years and over	881	758	7	4	112	90	22	–	–
1-person households	9 177	6 746	138	16	2 277	1 853	376	34	14
Male householder	3 661	2 584	63	9	1 006	804	168	21	12
Under 45 years	1 862	1 178	43	7	634	521	95	13	4
45 to 64 years	976	722	15	1	238	187	35	7	9
65 years and over	823	683	4	1	134	96	38	–	–
Female householder	5 516	4 163	75	7	1 272	1 049	208	13	1
Under 45 years	1 132	723	13	3	392	367	26	–	–
45 to 64 years	1 371	1 029	18	1	323	262	61	1	–
65 years and over	3 014	2 411	44	3	556	421	122	13	1
Adults and Single Children Under 18 Years Old									
Total households with children	17 195	11 331	109	40	5 716	5 123	539	50	4
Married couples	12 982	8 398	59	31	4 493	4 091	361	38	4
One child under 6 only	1 948	1 163	17	3	765	688	72	5	–
One under 6, one or more 6 to 17	2 225	1 376	6	3	839	772	64	3	–
Two or more under 6 only	1 392	799	12	3	578	521	51	7	–
Two or more under 6, one or more 6 to 17	644	442	2	3	197	178	18	–	–
One or more 6 to 17 only	6 773	4 619	21	19	2 114	1 932	155	23	4
Other households with two or more adults	2 068	1 474	19	4	571	478	81	12	–
One child under 6 only	391	300	1	1	89	65	16	8	–
One under 6, one or more 6 to 17	292	174	7	1	111	103	8	–	–
Two or more under 6 only	147	83	3	–	60	58	2	–	–
Two or more under 6, one or more 6 to 17	116	88	–	–	28	18	11	–	–
One or more 6 to 17 only	1 122	829	8	2	283	235	44	5	–
Households with one adult or none	2 145	1 459	31	4	651	554	97	–	–
One child under 6 only	305	187	3	–	115	88	27	–	–
One under 6, one or more 6 to 17	305	202	7	1	94	71	24	–	–
Two or more under 6 only	97	78	2	–	17	17	–	–	–
Two or more under 6, one or more 6 to 17	81	62	–	1	18	18	–	–	–
One or more 6 to 17 only	1 358	929	19	2	407	361	46	–	–
Total households with no children	27 067	20 054	256	62	6 694	5 760	827	65	43
Married couples	13 400	10 088	59	31	3 223	2 895	295	26	8
Other households with two or more adults	4 488	3 219	59	16	1 194	1 011	156	5	22
Households with one adult	9 179	6 748	138	16	2 277	1 853	376	34	14

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	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	28 469	21 201	260	65	6 943	5 949	887	65	43
With own children under 18 years	15 793	10 184	105	37	5 467	4 934	479	50	4
Under 6 years only	3 831	2 239	36	7	1 548	1 383	146	19	–
1	2 306	1 363	21	4	918	813	92	13	–
2	1 298	744	13	3	538	485	50	3	–
3 or more	226	132	3	–	92	85	3	4	–
6 to 17 years only	8 686	5 907	48	23	2 708	2 456	221	27	4
1	4 047	2 775	22	7	1 244	1 100	124	19	–
2	3 363	2 237	17	12	1 097	1 017	72	5	4
3 or more	1 276	895	9	4	367	338	25	4	–
Both age groups	3 276	2 038	20	7	1 211	1 095	112	3	–
2	1 612	932	13	3	664	612	52	–	–
3 or more	1 664	1 106	7	4	547	484	60	3	–
Persons Other Than Spouse or Children[1]									
With other relatives	10 261	8 031	45	42	2 143	1 891	230	16	6
Single adult offspring 18 to 29	5 856	4 645	29	20	1 162	1 036	108	12	6
Single adult offspring 30 years of age or over	1 603	1 404	4	10	185	142	38	5	–
Households with three generations	1 060	857	–	5	197	158	40	–	–
Households with 1 subfamily	1 046	860	3	6	177	141	36	–	–
Subfamily householder age under 30	520	411	1	2	106	76	30	–	–
30 to 64	472	416	2	2	52	46	6	–	–
65 and over	54	33	–	1	19	19	–	–	–
Households with 2 or more subfamilies	55	44	–	–	11	8	3	–	–
Households with other types of relatives	3 267	2 389	14	14	850	747	99	4	–
With non-relatives	2 943	1 950	46	9	938	784	115	17	22
Co-owners or co-renters	1 127	756	26	4	342	290	24	13	15
Lodgers	...	...	...	...	...	...	...	...	...
Unrelated children, under 18 years old	421	317	4	1	99	84	14	–	–
Other non-relatives	712	465	3	1	243	205	32	4	1
One or more secondary families	267	178	4	1	83	73	10	–	–
2-person households, none related to each other	1 633	1 017	30	3	583	492	68	1	22
3-8 person households, none related to each other	254	193	2	3	56	53	3	–	–
Years of School Completed by Householder									
No school years completed	92	72	–	1	19	8	11	–	–
Elementary:									
less than 8 years	1 505	1 219	15	4	267	155	105	6	1
8 years	1 384	1 097	7	4	275	172	94	9	–
High School:									
1 to 3 years	3 929	3 028	29	6	866	563	270	18	14
4 years	15 689	11 261	177	41	4 209	3 518	623	51	16
College:									
1 to 3 years	9 154	6 393	64	27	2 671	2 466	185	12	8
4 years or more	12 509	8 314	73	19	4 103	4 001	77	18	7
Median	**13.0**	**12.9**	**12.7**	**12.9**	**13.7**	**14.3**	**12.3**	**12.5**	**...**
Year Householder Moved Into Unit									
1990 to 1994	16 587	9 497	146	24	6 921	6 257	585	69	10
1985 to 1989	9 770	5 858	41	16	3 855	3 476	352	20	7
1980 to 1984	4 343	3 012	21	11	1 299	1 084	196	13	5
1975 to 1979	4 117	3 936	18	10	154	42	112	–	–
1970 to 1974	2 866	2 719	15	12	121	7	88	7	19
1960 to 1969	3 535	3 439	35	8	54	17	26	5	5
1950 to 1959	2 123	2 047	62	10	3	–	3	–	–
1940 to 1949	644	602	28	11	3	–	3	–	–
1939 or earlier	276	275	–	1	–	–	–	–	–
Median	**1980**	**1977**	**1966**	**1974**	**1986**	**1986**	**1984**	**1984**	**...**
Household Moves and Formation in Last Year									
Total with a move in last year	8 241	5 002	93	23	3 122	2 742	325	39	16
Household all moved here from one unit	5 458	3 083	66	17	2 292	2 038	211	34	9
Householder of previous unit did not move here	1 019	677	14	3	325	256	46	15	8
Householder of previous unit moved here	4 301	2 329	50	13	1 909	1 725	165	19	1
Householder of previous unit not reported	138	77	2	–	58	57	–	1	–
Household moved here from two or more units	925	575	12	3	334	296	39	–	–
No previous householder moved here	234	118	5	2	109	87	22	–	–
1 previous householder moved here	160	90	2	1	66	54	12	–	–
2 or more previous householders moved here	450	314	5	–	131	126	5	–	–
Previous householder(s) not reported	81	53	–	–	28	28	–	–	–
Some already here, rest moved in	1 854	1 343	15	4	492	404	75	5	7
No previous householder moved here	625	488	5	1	132	93	34	5	–
1 or more previous householders moved here	978	675	10	3	290	253	34	–	2
Previous householder(s) not reported	251	181	–	–	70	58	7	–	5
Number of previous units not reported	4	–	–	–	4	4	–	–	–

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

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**44 262**	**31 385**	**365**	**102**	**12 410**	**10 883**	**1 365**	**115**	**47**
Household Income									
Less than $5,000	1 895	1 418	14	6	458	319	112	14	12
$5,000 to $9,999	3 053	2 291	37	5	720	488	208	19	5
$10,000 to $14,999	3 237	2 428	53	7	749	505	229	11	4
$15,000 to $19,999	2 965	2 175	42	7	741	541	184	5	11
$20,000 to $24,999	3 254	2 374	19	7	854	672	165	12	5
$25,000 to $29,999	4 097	3 065	38	10	984	873	105	1	4
$30,000 to $34,999	2 876	2 091	25	6	754	659	91	4	–
$35,000 to $39,999	2 708	1 911	31	10	756	669	74	10	3
$40,000 to $49,999	4 821	3 367	47	9	1 397	1 305	87	3	2
$50,000 to $59,999	4 017	2 744	22	8	1 243	1 179	47	17	–
$60,000 to $79,999	5 164	3 523	14	13	1 614	1 570	43	–	–
$80,000 to $99,999	2 721	1 830	7	5	879	876	–	3	–
$100,000 to $119,999	1 453	891	9	4	549	525	9	14	–
$120,000 or more	2 000	1 277	5	6	713	702	11	–	–
Median	**36 391**	**34 642**	**27 212**	**37 029**	**41 357**	**45 482**	**18 638**	**23 617**	**...**
As percent of poverty level:									
Less than 50 percent	1 897	1 408	14	4	471	324	120	14	12
50 to 99	2 584	1 873	34	10	667	425	219	18	4
100 to 149	3 784	2 843	46	6	889	645	224	15	5
150 to 199	3 744	2 732	35	12	965	745	201	9	9
200 percent or more	32 254	22 529	236	70	9 419	8 743	601	58	16
Income of Families and Primary Individuals									
Less than $5,000	2 099	1 553	20	9	517	368	122	14	12
$5,000 to $9,999	3 195	2 393	45	2	755	499	227	19	10
$10,000 to $14,999	3 413	2 545	52	8	809	550	234	11	14
$15,000 to $19,999	3 050	2 266	49	8	727	548	174	5	1
$20,000 to $24,999	3 361	2 422	20	7	912	742	159	12	–
$25,000 to $29,999	4 201	3 113	36	11	1 041	931	104	1	5
$30,000 to $34,999	2 917	2 120	21	5	771	682	84	4	–
$35,000 to $39,999	2 701	1 898	31	10	762	678	72	10	1
$40,000 to $49,999	4 683	3 291	40	8	1 344	1 254	84	3	2
$50,000 to $59,999	3 808	2 576	22	8	1 202	1 138	47	17	–
$60,000 to $79,999	4 912	3 355	11	13	1 533	1 494	38	–	–
$80,000 to $99,999	2 585	1 761	7	5	812	809	–	3	–
$100,000 to $119,999	1 407	857	7	5	538	514	9	14	–
$120,000 or more	1 931	1 234	5	5	687	677	11	–	–
Median	**34 821**	**33 303**	**24 328**	**36 175**	**39 413**	**43 542**	**17 852**	**23 617**	**...**
Income Sources of Families and Primary Individuals									
Wages and salaries	33 347	22 894	262	82	10 110	9 043	959	94	14
Wages and salaries were majority of income	29 979	20 347	236	75	9 320	8 363	861	82	14
2 or more people each earned over 20% of wages and salaries	12 336	8 314	63	37	3 923	3 616	272	29	5
Business, farm, or ranch	5 392	3 832	51	20	1 490	1 363	103	24	–
Social security or pensions	13 119	10 472	87	26	2 534	2 098	392	23	20
Interest	22 581	16 509	153	47	5 872	5 512	313	39	8
Stock dividend(s)	9 488	6 694	44	15	2 735	2 616	94	21	4
Rental income	5 195	3 619	98	14	1 463	1 322	112	9	20
With lodger(s)	...	...	...	...	...	...	...	...	...
Welfare or SSI	1 611	1 158	25	1	427	288	118	10	11
Alimony or child support	1 988	1 314	30	4	640	556	75	9	–
Other	6 348	4 549	64	15	1 720	1 413	268	21	18
Amount of Savings and Investments									
Income of $25,000 or less	15 973	11 830	191	37	3 915	2 875	936	61	43
No savings or investments	7 678	5 399	114	18	2 147	1 404	657	52	34
$25,000 or less	4 716	3 666	47	7	996	792	189	7	9
More than $25,000	1 579	1 320	13	3	242	203	39	–	–
Not reported	2 000	1 444	17	9	529	476	51	2	–
Food Stamps									
Income of $25,000 or less	15 973	11 830	191	37	3 915	2 875	936	61	43
Family members received food stamps	1 999	1 402	35	2	560	315	229	16	–
Did not receive food stamps	12 841	9 651	141	26	3 022	2 260	676	43	43
Not reported	1 133	777	15	9	333	300	32	1	–
Rent Reductions									
No subsidy or income reporting	10 657	7 436	237	34	2 950	2 474	363	81	31
Rent control	151	137	2	–	12	12	–	–	–
No rent control	10 503	7 299	235	34	2 935	2 459	363	81	31
Reduced by owner	725	536	36	3	151	101	32	17	–
Not reduced by owner	9 748	6 738	199	31	2 780	2 354	331	64	31
Owner reduction not reported	30	25	–	–	5	5	–	–	–
Rent control not reported	2	–	–	–	2	2	–	–	–
Owned by public housing authority	502	356	–	–	146	146	–	–	–
Other, Federal subsidy	516	361	5	3	146	123	14	1	9
Other, State or local subsidy	156	124	7	–	25	25	–	–	–
Other, income verification	178	142	2	1	34	34	–	–	–
Subsidy or income verification not reported	116	85	–	–	31	22	9	–	–

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**44 262**	**31 385**	**365**	**102**	**12 410**	**10 883**	**1 365**	**115**	**47**
Monthly Housing Costs									
Less than $100	425	255	8	–	162	58	103	–	–
$100 to $199	3 090	2 344	15	–	731	429	280	23	–
$200 to $249	2 244	1 794	15	4	431	275	142	13	1
$250 to $299	2 226	1 760	23	4	440	312	127	1	–
$300 to $349	2 144	1 695	23	3	423	283	119	21	–
$350 to $399	1 991	1 560	19	9	404	279	116	5	4
$400 to $449	1 947	1 480	22	9	435	326	107	2	–
$450 to $499	2 082	1 518	23	3	537	423	101	13	–
$500 to $599	4 137	3 066	35	5	1 031	956	70	2	2
$600 to $699	3 810	2 775	44	10	981	902	50	9	20
$700 to $799	3 082	2 189	24	17	853	835	8	3	7
$800 to $999	4 613	3 064	28	12	1 509	1 472	33	5	–
$1,000 to $1,249	3 383	2 136	16	9	1 222	1 203	14	6	–
$1,250 to $1,499	2 088	1 278	14	6	790	781	6	3	–
$1,500 or more	3 023	1 680	17	4	1 322	1 306	12	–	4
No cash rent	846	641	27	1	177	118	43	8	8
Mortgage payment not reported	3 130	2 151	12	6	961	926	34	–	–
Median (excludes no cash rent)	**597**	**562**	**542**	**702**	**707**	**781**	**297**	**339**	**...**
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	**648**	**586**	**670**	**861**	**837**	**916**	**279**	**...**	**...**
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	**364**	**306**	**371**	**490**	**536**	**616**	**100-**	**...**	**...**
Monthly Housing Costs as Percent of Current Income									
Less than 5 percent	979	746	9	2	221	149	62	10	–
5 to 9 percent	4 086	3 208	19	8	850	663	176	11	–
10 to 14 percent	5 936	4 400	42	13	1 481	1 261	194	26	–
15 to 19 percent	6 732	4 735	31	16	1 950	1 744	200	6	–
20 to 24 percent	5 641	3 707	47	16	1 871	1 730	132	5	4
25 to 29 percent	4 385	2 983	20	5	1 378	1 234	128	15	1
30 to 34 percent	2 988	2 089	30	11	858	776	77	2	2
35 to 39 percent	1 925	1 334	25	4	563	490	62	10	–
40 to 49 percent	2 407	1 614	42	6	745	648	91	3	4
50 to 59 percent	1 235	873	19	–	343	308	31	5	–
60 to 69 percent	844	602	9	3	230	194	36	1	–
70 to 99 percent	1 191	868	15	1	307	244	40	8	15
100 percent or more[1]	1 461	1 071	16	7	367	314	44	–	9
Zero or negative income	475	363	2	1	108	84	15	6	4
No cash rent	846	641	27	1	177	118	43	8	8
Mortgage payment not reported	3 130	2 151	12	6	961	926	34	–	–
Median (excludes 3 previous lines)	**22**	**21**	**28**	**22**	**23**	**23**	**20**	**18**	**...**
Median (excludes 4 lines before medians)	**21**	**21**	**26**	**21**	**22**	**23**	**20**	**18**	**...**
Nonrelatives' Shared Housing Costs									
Nonrelatives in housing units	1 856	1 213	37	7	600	505	74	–	20
Less than $100 per month	809	547	23	–	238	202	36	–	–
$100 to $199	120	86	3	1	30	17	13	–	–
$200 to $299	263	182	5	2	74	63	12	–	–
$300 to $399	246	144	2	1	99	94	5	–	–
$400 or more per month	340	214	2	4	119	92	7	–	20
Not reported	79	39	–	–	39	38	1	–	–
Median	**167**	**146**	**...**	**...**	**217**	**224**	**101**	**...**	**...**
Monthly Cost Paid for Electricity									
Electricity used	44 252	31 378	365	102	12 408	10 881	1 365	115	47
Less than $25	2 588	2 051	33	2	503	446	49	5	2
$25 to $49	10 376	7 788	69	21	2 498	2 117	353	24	4
$50 to $74	10 270	7 257	71	20	2 922	2 535	375	11	–
$75 to $99	7 312	4 967	58	20	2 267	2 033	212	14	8
$100 to $149	6 298	4 095	7	14	2 183	1 974	197	12	–
$150 to $199	2 353	1 529	9	4	810	740	65	5	–
$200 or more	1 288	880	3	3	402	375	20	7	–
Median	**68**	**65**	**58**	**74**	**74**	**75**	**66**	**71**	**...**
Included in rent, other fee, or obtained free	3 768	2 811	116	18	823	660	94	36	33
Monthly Cost Paid for Piped Gas									
Piped gas used	26 828	20 569	231	61	5 967	5 456	416	57	37
Less than $25	5 653	3 983	49	9	1 612	1 431	145	19	16
$25 to $49	8 930	6 663	41	9	2 216	2 050	151	11	5
$50 to $74	5 096	4 161	24	12	898	856	34	3	5
$75 to $99	1 947	1 614	17	5	311	304	5	2	–
$100 to $149	906	733	20	7	146	139	3	–	4
$150 to $199	181	157	–	–	24	22	1	–	–
$200 or more	126	94	2	1	30	30	–	–	–
Median	**41**	**43**	**42**	**56**	**36**	**37**	**29**	**25-**	**...**
Included in rent, other fee, or obtained free	3 990	3 164	77	18	730	625	76	23	6

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	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	6 415	5 593	93	35	694	579	98	13	4
Less than $25	562	463	2	3	94	60	33	–	–
$25 to $49	1 198	1 043	9	3	143	121	14	7	–
$50 to $74	1 578	1 386	22	4	166	134	29	3	–
$75 to $99	964	851	2	6	105	102	3	–	–
$100 to $149	870	788	7	7	68	64	4	–	–
$150 to $199	220	204	–	4	12	12	–	–	–
$200 or more	138	121	–	2	15	11	–	–	4
Median	**66**	**67**	**61**	**...**	**60**	**63**	**40**	**...**	**...**
Included in rent, other fee, or obtained free	885	737	51	4	93	74	15	3	–
Property Insurance									
Property insurance paid	34 556	24 674	175	73	9 635	8 880	705	37	13
Median per month	**31**	**31**	**28**	**39**	**31**	**32**	**21**	**...**	**...**
Monthly Costs Paid for Selected Utilities and Fuels									
Water paid separately	25 493	18 967	126	53	6 347	5 869	438	35	5
Median	**24**	**23**	**22**	**28**	**25**	**26**	**19**	**...**	**...**
Trash paid separately	19 600	14 265	85	34	5 216	4 751	428	33	4
Median	**15**	**15**	**13**	**...**	**15**	**16**	**13**	**...**	**...**
Bottled gas paid separately	2 782	1 715	22	12	1 033	597	426	10	–
Median	**46**	**46**	**...**	**...**	**45**	**46**	**42**	**...**	**...**
Other fuel paid separately	5 560	3 684	26	10	1 840	1 514	309	15	2
Median	**10**	**11**	**...**	**...**	**10-**	**10-**	**14**	**...**	**...**
OWNER OCCUPIED UNITS									
Total	**32 138**	**22 881**	**114**	**64**	**9 080**	**8 060**	**980**	**33**	**6**
Cost and Ownership Sharing									
Ownership shared by person not living here	1 099	800	5	2	293	248	45	–	–
Costs shared by person not living here	208	137	–	1	70	63	7	–	–
Costs not shared	891	662	5	1	223	185	38	–	–
Cost sharing not reported	–	–	–	–	–	–	–	–	–
Ownership not shared	30 661	21 812	102	60	8 687	7 719	928	33	6
Costs shared by person not living here	126	96	–	–	30	30	–	–	–
Costs not shared	30 479	21 679	102	60	8 637	7 670	928	33	6
Cost sharing not reported	56	37	–	–	19	19	–	–	–
Ownership sharing not reported	377	269	7	2	100	93	7	–	–
Monthly Payment for Principal and Interest									
Less than $100	264	226	–	–	39	24	14	–	–
$100 to $199	1 263	1 013	–	3	247	165	79	3	–
$200 to $249	936	677	7	2	250	212	38	–	–
$250 to $299	953	733	–	1	219	187	32	–	–
$300 to $349	922	733	2	2	184	150	34	–	–
$350 to $399	972	727	–	2	242	232	10	–	–
$400 to $449	1 090	827	4	3	256	236	18	–	2
$450 to $499	1 079	768	2	4	305	301	4	–	–
$500 to $599	2 131	1 422	5	2	702	685	17	–	–
$600 to $699	1 641	975	3	5	658	653	3	2	–
$700 to $799	1 459	912	9	8	530	525	5	–	–
$800 to $999	1 971	1 137	5	1	828	818	8	3	–
$1,000 to $1,249	1 455	820	11	3	621	621	–	–	–
$1,250 to $1,499	719	389	2	–	328	324	–	–	4
$1,500 or more	952	489	5	1	458	451	7	–	–
Not reported	3 130	2 151	12	6	961	926	34	–	–
Median	**567**	**515**	**750**	**...**	**674**	**692**	**256**	**...**	**...**
Average Monthly Cost Paid for Real Estate Taxes									
Less than $25	4 143	2 380	5	–	1 758	1 038	712	9	–
$25 to $49	3 970	2 986	18	2	964	829	128	8	–
$50 to $74	3 970	3 054	14	4	898	851	47	–	–
$75 to $99	3 175	2 320	10	10	835	801	34	–	–
$100 to $149	5 774	4 215	14	11	1 534	1 510	22	–	2
$150 to $199	3 805	2 832	12	11	950	932	15	–	4
$200 or more	7 301	5 094	41	25	2 140	2 101	23	16	–
Median	**107**	**108**	**137**	**167**	**103**	**117**	**25-**	**...**	**...**
Annual Taxes Paid Per $1,000 Value									
Less than $5	4 450	3 108	14	4	1 324	985	329	9	–
$5 to $9	7 767	5 441	23	12	2 291	2 088	191	12	–
$10 to $14	8 403	5 758	14	9	2 622	2 510	106	–	6
$15 to $19	4 320	3 206	7	14	1 092	1 014	76	2	–
$20 to $24	3 016	2 246	15	6	748	677	69	3	–
$25 or more	4 183	3 122	40	19	1 001	787	208	7	–
Median	**12**	**13**	**19**	**17**	**12**	**12**	**9**	**...**	**...**
Routine Maintenance in Last Year									
Less than $25 per month	20 050	13 826	57	30	6 136	5 339	780	11	6
$25 to $49	5 810	4 339	17	15	1 439	1 325	104	9	–
$50 to $74	1 137	851	5	2	279	266	10	3	–
$75 to $99	1 769	1 350	5	3	410	364	40	7	–
$100 to $149	688	512	5	1	171	171	–	–	–
$150 to $199	675	522	7	4	142	142	–	–	–
$200 or more per month	799	590	–	3	207	195	11	–	–
Not reported	1 210	891	18	6	295	258	35	2	–
Median	**25-**	**25-**	**25-**	**25-**	**25-**	**25-**	**25-**	**...**	**...**

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	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	1 610	857	–	3	750	750	–	–	–
Less than $25 per month	33	23	–	–	10	10	–	–	–
$25 to $49	49	17	–	–	32	32	–	–	–
$50 to $74	135	44	–	–	91	91	–	–	–
$75 to $99	204	86	–	–	118	118	–	–	–
$100 to $149	506	249	–	1	256	256	–	–	–
$150 to $199	326	197	–	–	128	128	–	–	–
$200 or more per month	306	212	–	2	92	92	–	–	–
Not reported	52	28	–	–	23	23	–	–	–
Median	**135**	**149**	**...**	**...**	**122**	**122**	**...**	**...**	**...**
Other Housing Costs Per Month									
Homeowner association fee paid	1 484	762	–	3	719	719	–	–	–
Median	**134**	**147**	**...**	**...**	**122**	**122**	**...**	**...**	**...**
Mobile home park fee paid	135	54	–	–	81	39	41	–	–
Median	**45**	**48**	**...**	**...**	**42**	**...**	**...**	**...**	**...**
Land rent fee paid	30	30	–	–	–	–	–	–	–
Median	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**	**...**

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**32 138**	**22 881**	**114**	**64**	**9 080**	**8 060**	**980**	**33**	**6**
Value									
Less than $10,000	901	292	–	1	608	183	426	–	–
$10,000 to $19,999	881	356	–	–	524	344	180	–	–
$20,000 to $29,999	821	477	9	–	336	183	150	3	–
$30,000 to $39,999	881	661	2	2	216	154	62	–	–
$40,000 to $49,999	1 403	1 156	14	2	232	178	45	9	–
$50,000 to $59,999	1 528	1 255	10	4	259	223	36	–	–
$60,000 to $69,999	2 130	1 760	9	3	357	337	20	–	–
$70,000 to $79,999	2 272	1 801	12	4	456	437	19	–	–
$80,000 to $99,999	4 454	3 349	10	6	1 090	1 070	15	5	–
$100,000 to $119,999	3 216	2 316	8	3	889	885	3	–	–
$120,000 to $149,999	3 876	2 697	10	17	1 152	1 144	3	3	2
$150,000 to $199,999	4 294	3 072	7	12	1 202	1 185	11	2	4
$200,000 to $249,999	2 123	1 482	12	7	623	623	–	–	–
$250,000 to $299,999	1 190	780	–	1	409	406	3	–	–
$300,000 or more	2 170	1 427	12	4	727	709	7	11	–
Median	**104 966**	**102 877**	**81 542**	**134 273**	**110 415**	**120 958**	**13 579**	**...**	**...**
Value-Income Ratio									
Less than 1.5	7 746	5 047	29	19	2 652	1 940	708	5	–
1.5 to 1.9	4 359	3 040	9	9	1 301	1 203	93	5	–
2.0 to 2.4	3 866	2 683	12	3	1 168	1 148	17	3	–
2.5 to 2.9	3 136	2 110	12	6	1 009	970	40	–	–
3.0 to 3.9	3 906	2 853	8	4	1 041	995	31	13	2
4.0 to 4.9	2 322	1 709	12	4	597	558	34	4	–
5.0 or more	6 337	5 085	31	17	1 203	1 153	46	–	4
Zero or negative income	464	354	–	2	108	95	11	3	–
Median	**2.5**	**2.6**	**2.8**	**2.5**	**2.2**	**2.4**	**1.5-**	**...**	**...**
Other Activities on Property[1]									
Commercial establishment	387	299	5	1	82	63	15	–	4
Medical or dental office	57	43	–	–	14	14	–	–	–
Neither	31 711	22 553	109	63	8 986	7 985	965	33	2
Year Unit Acquired									
1990 to 1994	7 788	3 737	10	7	4 034	3 757	277	–	–
1985 to 1989	7 589	4 112	12	11	3 454	3 171	278	5	–
1980 to 1984	3 590	2 364	9	4	1 213	1 062	151	–	–
1975 to 1979	3 894	3 722	12	10	151	–	132	12	6
1970 to 1974	2 591	2 488	14	7	82	–	78	4	–
1960 to 1969	3 367	3 305	16	8	38	–	33	5	–
1950 to 1959	2 034	2 005	19	7	3	–	3	–	–
1940 to 1949	556	537	12	8	–	–	–	–	–
1939 or earlier	134	132	–	2	–	–	–	–	–
Not reported	593	478	9	2	104	70	27	7	–
Median	**1979**	**1976**	**1970**	**1972**	**1986**	**1986**	**1983**	**...**	**...**
First Time Owners									
First home ever owned	13 078	10 220	35	30	2 792	2 336	444	8	4
Not first home	18 563	12 288	69	32	6 174	5 619	527	25	2
Not reported	498	373	9	2	114	105	9	–	–
Purchase Price									
Home purchased or built	30 971	21 883	100	59	8 928	7 977	921	23	6
Less than $10,000	2 020	1 503	5	5	507	108	396	4	–
$10,000 to $19,999	3 673	3 137	7	1	527	339	189	–	–
$20,000 to $29,999	2 808	2 317	17	7	466	334	132	–	–
$30,000 to $39,999	2 327	2 033	10	6	279	227	47	5	–
$40,000 to $49,999	2 000	1 704	7	6	283	249	33	–	–
$50,000 to $59,999	1 825	1 477	4	3	339	331	9	–	–
$60,000 to $69,999	1 895	1 328	5	3	559	559	–	–	–
$70,000 to $79,999	1 734	1 167	5	1	561	545	9	5	2
$80,000 to $99,999	2 659	1 551	3	6	1 100	1 090	7	3	–
$100,000 to $119,999	1 623	817	2	1	802	800	2	–	–
$120,000 to $149,999	1 785	972	4	8	801	797	4	–	–
$150,000 to $199,999	1 680	788	10	2	880	877	–	3	–
$200,000 to $249,999	779	349	3	–	427	427	–	–	–
$250,000 to $299,999	452	215	–	1	236	236	–	–	–
$300,000 or more	699	305	2	1	391	385	7	–	–
Not reported	3 012	2 220	15	8	769	675	88	2	4
Median	**56 312**	**44 939**	**43 439**	**53 537**	**90 147**	**97 619**	**11 124**	**...**	**...**
Received as inheritance or gift	574	520	4	3	47	12	32	3	–
Not reported	593	478	9	2	104	70	27	7	–
Major Source of Down Payment									
Home purchased or built	30 971	21 883	100	59	8 928	7 977	921	23	6
Sale of previous home	10 898	7 270	31	14	3 583	3 385	186	9	2
Savings or cash on hand	14 312	10 535	46	29	3 702	3 259	434	5	4
Sale of other investment	220	159	–	–	61	56	5	–	–
Borrowing, other than mortgage on this property	810	616	2	1	191	136	45	9	–
Inheritance or gift	625	466	2	2	154	140	13	–	–
Land where building built used for financing	194	98	–	–	96	90	6	–	–
Other	1 252	855	2	5	391	339	52	–	–
No down payment	1 845	1 283	11	4	548	400	148	–	–
Not reported	814	601	5	4	204	173	31	–	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**32 138**	**22 881**	**114**	**64**	**9 080**	**8 060**	**980**	**33**	**6**
Mortgages Currently on Property									
None, owned free and clear	11 199	8 884	45	19	2 251	1 551	677	24	–
With mortgage or land contract	20 939	13 997	68	45	6 828	6 509	303	9	6
One mortgage or land contract	17 912	11 691	47	37	6 136	5 852	273	9	2
Two mortgages	2 510	1 941	19	6	544	524	16	–	4
Three or more mortgages	43	36	–	–	8	8	–	–	–
Number of mortgages not reported	474	329	2	2	140	126	14	–	–
OWNERS WITH ONE OR MORE MORTGAGES									
Total	**20 939**	**13 997**	**68**	**45**	**6 828**	**6 509**	**303**	**9**	**6**
Type of Primary Mortgage									
FHA	2 898	1 921	5	6	966	963	3	–	–
VA	1 390	998	2	2	388	378	10	–	–
Farmers Home Administration	142	89	3	–	50	50	–	–	–
Other types	15 351	10 169	56	32	5 093	4 807	271	9	6
Don't know	489	342	–	3	144	141	3	–	–
Not reported	669	478	2	2	187	171	16	–	–
Lower Cost State and Local Mortgages									
State or local program used	1 406	960	5	3	439	419	20	–	–
Not used	18 934	12 638	61	39	6 195	5 908	272	9	6
Not reported	599	399	2	3	194	182	12	–	–
Mortgage Origination									
Placed new mortgage(s)	17 389	11 293	47	36	6 012	5 744	257	9	2
Primary obtained when property acquired	11 520	7 059	24	22	4 415	4 216	191	6	2
Obtained later	5 782	4 168	21	14	1 580	1 511	66	3	–
Date not reported	87	67	2	–	18	18	–	–	–
Assumed	705	503	2	1	199	181	18	–	–
Wrap-around	15	15	–	–	–	–	–	–	–
Combination of the above	2 243	1 776	14	6	447	434	8	–	4
Origin not reported	587	410	5	2	170	150	20	–	–
Payment Plan of Primary Mortgage									
Fixed payment, self amortizing	15 981	10 701	40	27	5 213	4 982	218	6	6
Adjustable rate mortgage	2 078	1 280	14	12	772	762	10	–	–
Adjustable term mortgage	47	42	–	–	5	5	–	–	–
Graduated payment mortgage	213	122	–	1	91	91	–	–	–
Balloon	150	100	2	–	48	40	8	–	–
Other	321	238	–	1	83	83	–	–	–
Combination of the above	180	129	–	–	51	51	–	–	–
Not reported	1 969	1 387	12	4	566	496	67	3	–
Payment Plan of Secondary Mortgage									
Units with two or more mortgages	2 554	1 977	19	6	552	531	16	–	4
Fixed payment, self amortizing	1 367	1 025	3	4	336	326	6	–	4
Adjustable rate mortgage	268	224	2	1	40	38	2	–	–
Adjustable term mortgage	46	29	–	–	16	16	–	–	–
Graduated payment mortgage	8	5	–	–	3	3	–	–	–
Balloon	38	25	2	–	11	8	4	–	–
Other	26	22	–	1	3	3	–	–	–
Combination of the above	155	125	5	–	26	26	–	–	–
Not reported	646	522	7	–	116	112	5	–	–
Lenders of Primary and Secondary Mortgages									
Only borrowed from firm(s)	18 668	12 318	54	41	6 254	6 021	218	9	6
Only borrowed from seller	378	267	5	1	106	55	51	–	–
Only borrowed from other individual(s)	284	172	–	–	112	98	14	–	–
Borrowed from a firm and seller	72	57	–	–	15	10	5	–	–
Borrowed from a firm and other individual	96	72	–	–	24	24	–	–	–
Borrowed from seller and other individual	6	6	–	–	–	–	–	–	–
One or both sources not reported	1 436	1 106	9	3	317	302	16	–	–
Items Included in Primary Mortgage Payment[1]									
Principal and interest only	7 198	4 771	28	11	2 388	2 165	216	6	2
Property taxes	12 217	8 190	33	31	3 963	3 908	47	3	4
Property insurance	10 261	6 733	26	18	3 485	3 436	45	3	–
Other	903	630	–	2	271	260	10	–	–
Not reported	1 009	712	5	3	289	269	19	–	–
Year Primary Mortgage Originated									
1990 to 1994	10 503	6 119	21	18	4 345	4 161	180	3	–
1985 to 1989	4 973	3 075	15	9	1 875	1 803	70	2	–
1980 to 1984	1 402	1 001	3	2	396	370	27	–	–
1975 to 1979	1 834	1 802	7	5	19	–	9	4	6
1970 to 1974	951	946	2	4	–	–	–	–	–
1960 to 1969	487	484	2	1	–	–	–	–	–
1950 to 1959	28	18	9	1	–	–	–	–	–
1949 or earlier	4	–	2	2	–	–	–	–	–
Not reported	755	553	7	2	193	175	18	–	–
Median	**1985**	**1982**	**1978**	**...**	**1987**	**1987**	**1986**	**...**	**...**

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	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	383	156	–	1	226	141	85	–	–
8 to 12 years	387	166	5	–	216	155	61	–	–
13 to 17 years	1 562	787	5	4	766	729	34	3	–
18 to 22 years	783	576	–	2	205	202	3	–	–
23 to 27 years	1 048	875	7	1	165	158	–	3	4
28 to 32 years	9 075	5 887	24	19	3 145	3 129	14	–	2
33 years or more	170	122	–	–	49	45	4	–	–
Variable	333	266	–	–	67	67	–	–	–
Not reported	7 198	5 163	28	18	1 989	1 883	103	3	–
Median	**29**	**29**	**29**	**...**	**29**	**29**	**9**	**...**	**...**
Remaining Years Mortgaged									
Less than 8 years	2 444	1 778	7	7	653	464	185	3	–
8 to 12	2 332	1 822	11	6	492	464	23	–	4
13 to 17	3 599	2 648	5	6	940	913	25	–	2
18 to 22	1 413	902	–	4	507	502	3	2	–
23 to 27	3 503	2 052	10	5	1 436	1 420	16	–	–
28 to 32	4 973	2 712	10	9	2 243	2 235	8	–	–
33 years or more	53	35	–	–	18	18	–	–	–
Variable	697	552	5	–	141	141	–	–	–
Not reported	1 925	1 498	21	7	399	353	43	3	–
Median	**21**	**17**	**16**	**...**	**25**	**25**	**8-**	**...**	**...**
Current Interest Rate									
Less than 6 percent	590	359	5	1	225	225	–	–	–
6 to 7.9	2 724	1 756	7	3	958	950	6	–	2
8 to 9.9	4 376	2 732	10	11	1 622	1 582	40	–	–
10 to 11.9	1 271	811	2	4	454	434	14	6	–
12 to 13.9	255	128	–	–	126	112	15	–	–
14 to 15.9	54	13	–	–	41	29	13	–	–
16 to 17.9	11	5	–	–	5	5	–	–	–
18 to 19.9	18	7	–	–	11	3	9	–	–
20 percent or more	10	2	–	–	8	6	2	–	–
Not reported	11 631	8 184	44	25	3 377	3 163	207	3	4
Median	**8.1**	**8.1**	**7.6**	**...**	**8.2**	**8.1**	**9.9**	**...**	**...**
Total Outstanding Principal Amount									
Less than $10,000	842	678	9	5	149	92	54	3	–
$10,000 to $19,999	867	679	2	2	184	171	13	–	–
$20,000 to $29,999	873	733	2	2	135	124	11	–	–
$30,000 to $39,999	799	612	–	1	185	173	10	–	2
$40,000 to $49,999	751	515	–	1	234	232	2	–	–
$50,000 to $59,999	789	469	2	–	318	315	–	2	–
$60,000 to $69,999	797	455	–	–	342	342	–	–	–
$70,000 to $79,999	630	333	5	1	291	285	6	–	–
$80,000 to $99,999	1 024	459	–	2	563	561	2	–	–
$100,000 to $119,999	668	307	3	–	359	358	–	–	–
$120,000 to $149,999	539	246	–	3	290	290	–	–	–
$150,000 to $199,999	420	178	–	–	242	242	–	–	–
$200,000 to $249,999	151	74	–	–	77	77	–	–	–
$250,000 to $299,999	68	30	–	–	38	38	–	–	–
$300,000 or more	90	44	–	1	45	45	–	–	–
Not reported	11 631	8 184	44	25	3 377	3 163	207	3	4
Median	**56 622**	**43 953**	**21 514**	**...**	**76 151**	**77 841**	**10000-**	**...**	**...**
Current Total Loan as Percent of Value									
Less than 20 percent	1 566	1 374	12	8	172	142	27	3	–
20 to 39	1 248	953	–	3	292	282	5	2	2
40 to 59	1 517	936	5	1	575	555	20	–	–
60 to 79	2 474	1 341	–	5	1 128	1 119	9	–	–
80 to 89	1 320	627	2	3	687	682	5	–	–
90 to 99	799	425	–	–	375	367	8	–	–
100 percent or more	386	158	5	–	222	199	23	–	–
Not reported	11 631	8 184	44	25	3 377	3 163	207	3	4
Median	**62.6**	**52.4**	**41.5**	**...**	**72.2**	**72.4**	**55.8**	**...**	**...**

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

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**32 138**	**22 881**	**114**	**64**	**9 080**	**8 060**	**980**	**33**	**6**
Repairs, Improvements, Alterations in Last 2 Years									
Roof replaced (all or part)	4 980	4 266	14	14	686	546	131	9	–
Mostly done by household	1 102	946	–	5	151	84	67	–	–
Mostly done by others	3 789	3 257	14	9	509	438	62	9	–
Workers not reported	89	63	–	–	26	24	2	–	–
Costing $500 or more	3 469	3 130	9	7	323	268	50	5	–
Costing less than $500	879	603	–	5	271	193	74	4	–
Cost not reported	632	534	5	2	92	85	7	–	–
Roof replacement not reported	311	226	5	1	80	67	13	–	–
Additions built	1 344	940	–	3	401	349	51	–	–
Mostly done by household	585	398	–	–	187	145	42	–	–
Mostly done by others	743	527	–	3	214	204	9	–	–
Workers not reported	15	15	–	–	–	–	–	–	–
Costing $500 or more	1 024	720	–	3	302	276	26	–	–
Costing less than $500	104	54	–	–	51	25	26	–	–
Cost not reported	215	167	–	–	48	48	–	–	–
Additions not reported	288	211	5	1	72	63	9	–	–
Kitchen remodeled or added	2 805	2 371	14	10	409	285	124	–	–
Mostly done by household	1 406	1 144	12	4	246	139	107	–	–
Mostly done by others	1 356	1 186	2	6	161	144	17	–	–
Workers not reported	43	41	–	–	2	2	–	–	–
Costing $500 or more	2 009	1 740	12	10	247	197	50	–	–
Costing less than $500	477	343	2	–	133	60	73	–	–
Cost not reported	318	288	–	–	30	29	2	–	–
Kitchen remodeled or added not reported	290	217	5	1	68	62	6	–	–
Bathroom remodeled or added	3 416	2 916	21	4	474	358	116	–	–
Mostly done by household	1 980	1 693	17	1	270	179	91	–	–
Mostly done by others	1 378	1 180	5	4	190	168	22	–	–
Workers not reported	57	43	–	–	14	11	3	–	–
Costing $500 or more	2 107	1 862	17	4	223	171	52	–	–
Costing less than $500	933	737	2	–	194	134	60	–	–
Cost not reported	375	317	2	–	56	53	3	–	–
Bathroom remodeled or added not reported	285	216	5	1	63	57	6	–	–
Siding replaced or added	1 769	1 529	7	5	228	193	35	–	–
Mostly done by household	467	403	–	1	62	40	22	–	–
Mostly done by others	1 278	1 101	7	4	166	153	13	–	–
Workers not reported	25	25	–	–	–	–	–	–	–
Costing $500 or more	1 062	933	4	4	120	100	21	–	–
Costing less than $500	373	293	–	1	80	66	14	–	–
Cost not reported	334	303	3	–	28	28	–	–	–
Siding replaced or added not reported	317	233	5	1	78	69	9	–	–
Storm doors/windows bought and installed	3 860	3 216	16	9	619	499	116	4	–
Mostly done by household	1 677	1 292	9	5	371	288	79	4	–
Mostly done by others	2 103	1 844	7	4	248	212	37	–	–
Workers not reported	80	80	–	–	–	–	–	–	–
Costing $500 or more	1 694	1 519	9	4	161	140	21	–	–
Costing less than $500	1 750	1 315	5	1	429	332	93	4	–
Cost not reported	416	381	2	3	29	28	2	–	–
Storm doors/windows bought and installed not reported	324	220	5	1	98	83	15	–	–
Major equipment replaced or added	3 488	2 891	14	10	573	460	104	8	–
Mostly done by household	611	478	–	1	132	86	46	–	–
Mostly done by others	2 838	2 381	14	9	434	368	58	8	–
Workers not reported	39	32	–	–	7	7	–	–	–
Costing $500 or more	2 679	2 265	14	9	391	322	61	8	–
Costing less than $500	495	365	–	–	130	89	42	–	–
Cost not reported	314	261	–	1	51	50	2	–	–
Major equipment replaced or added not reported	328	244	5	1	79	70	9	–	–
Insulation added	2 126	1 750	19	7	350	288	60	3	–
Mostly done by household	1 120	903	12	4	202	152	47	3	–
Mostly done by others	930	800	7	2	121	110	11	–	–
Workers not reported	75	48	–	–	28	26	2	–	–
Costing $500 or more	456	398	2	1	55	48	6	–	–
Costing less than $500	1 114	901	10	3	201	151	47	3	–
Cost not reported	556	452	7	2	95	88	6	–	–
Insulation added not reported	329	248	5	1	76	66	9	–	–
Other major work[1]	6 930	5 220	23	15	1 671	1 534	134	3	–
Mostly done by household	2 300	1 694	9	2	595	532	63	–	–
Mostly done by others	4 442	3 398	9	12	1 022	955	63	3	–
Workers not reported	188	128	5	1	55	47	8	–	–
Other major work not reported	371	254	7	1	109	100	9	–	–
Government Subsidy for Repairs									
Units with major repairs the last 2 years	16 308	12 845	59	38	3 366	2 912	435	18	–
Received low-interest loan or grant	323	280	–	–	43	40	3	–	–
No low-interest loan or grant	15 627	12 324	57	37	3 209	2 770	420	18	–
Not reported	358	241	2	1	114	102	12	–	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**21 268**	**15 454**	**154**	**57**	**5 603**	**3 881**	**1 485**	**193**	**44**
Tenure									
Owner occupied	15 820	11 555	30	48	4 188	3 051	1 034	99	4
Percent of all occupied	74.4	74.8	19.1	83.4	74.8	78.6	69.6	51.6	9.9
Renter occupied	5 448	3 899	125	9	1 415	830	451	93	40
Race and Origin									
White	19 531	14 257	138	52	5 084	3 539	1 316	185	44
Non-Hispanic	18 957	13 873	138	51	4 895	3 444	1 229	178	44
Hispanic	575	385	–	1	189	95	87	7	–
Black	1 419	1 011	11	4	394	250	139	5	–
Other	317	186	6	1	125	91	30	4	–
Total Hispanic	618	404	–	1	213	102	104	7	–
Units in Structure									
1, detached	15 492	13 289	–	44	2 158	1 969	63	120	5
1, attached	460	309	–	–	151	136	–	15	–
2 to 4	1 259	838	145	12	264	214	–	42	8
5 to 9	441	283	9	–	149	142	–	7	–
10 to 19	246	147	–	–	99	96	–	3	–
20 to 49	215	125	–	–	91	60	–	–	31
50 or more	114	67	–	–	47	41	–	6	–
Mobile home or trailer	3 040	396	–	–	2 645	1 223	1 422	–	–
Cooperatives and Condominiums									
Cooperatives	32	19	–	–	13	9	3	–	–
Condominiums	173	89	–	–	85	83	–	2	–
Year Structure Built[1]									
1990 to 1994	1 129	–	–	–	1 129	1 129	–	–	–
1985 to 1989	1 263	–	–	–	1 263	1 256	7	–	–
1980 to 1984	1 604	65	–	–	1 538	1 496	37	–	4
1975 to 1979	2 783	2 160	4	3	616	–	552	64	–
1970 to 1974	2 423	1 900	4	–	519	–	512	3	3
1960 to 1969	2 756	2 407	11	11	327	–	295	13	18
1950 to 1959	2 282	2 214	7	5	57	–	44	13	–
1940 to 1949	1 592	1 517	11	9	55	–	22	33	–
1930 to 1939	1 519	1 347	109	25	38	–	11	10	16
1920 to 1929	1 096	1 073	–	–	23	–	4	20	–
1919 or earlier	2 822	2 771	9	3	39	–	–	37	2
Median	**1963**	**1955**	**1936**	**1940**	**1982**	**1985**	**1974**	**1949**	**...**
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	...	...	...	...	...	...	...	...	...
In central cities	...	...	...	...	...	...	...	...	...
Suburbs	...	...	...	...	...	...	...	...	...
Outside metropolitan statistical areas	21 268	15 454	154	57	5 603	3 881	1 485	193	44
Regions									
Northeast	2 404	1 769	38	11	586	431	86	50	19
Midwest	6 752	5 512	71	21	1 149	912	180	39	18
South	8 911	6 008	32	12	2 858	1 829	945	77	8
West	3 202	2 165	13	13	1 010	709	274	27	–
Urbanized Areas									
Inside urbanized areas	...	...	...	...	...	...	...	...	...
In central cities of (P)MSA's	...	...	...	...	...	...	...	...	...
Urban fringe	632	481	12	5	134	102	21	12	–
Outside urbanized areas	20 636	14 973	143	52	5 469	3 779	1 464	181	44
Other urban	7 401	6 029	81	32	1 258	945	198	78	37
Rural	13 234	8 943	61	20	4 211	2 834	1 266	103	7
Place Size[2]									
Less than 2,500 persons	2 872	2 378	30	8	456	300	137	15	4
2,500 to 9,999 persons	3 215	2 596	42	16	562	369	131	57	4
10,000 to 19,999 persons	2 632	2 218	9	12	393	309	49	17	19
20,000 to 49,999 persons	2 008	1 625	43	10	331	270	39	9	14
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. **1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**21 268**	**15 454**	**154**	**57**	**5 603**	**3 881**	**1 485**	**193**	**44**
Stories in Structure									
1	486	288	22	6	170	160	–	6	4
2	1 011	625	59	1	327	296	–	15	16
3	581	412	68	5	96	72	–	16	9
4 to 6	176	120	6	1	48	18	–	21	10
7 or more	22	14	–	–	8	8	–	–	–
Not reported	–	–	–	–	–	–	–	–	–
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	1 790	1 171	132	7	480	393	–	52	35
None (on same floor)	779	514	62	3	200	180	–	16	5
1 (up or down)	499	321	42	1	134	107	–	12	15
2 or more (up or down)	206	135	5	–	66	40	–	23	2
Not reported	307	202	23	2	80	67	–	–	13
Common Stairways									
Multiunits, 2 or more floors	1 790	1 171	132	7	480	393	–	52	35
No common stairways	568	336	80	1	152	136	–	16	–
With common stairways	923	641	28	3	251	193	–	35	22
No loose steps	862	602	28	3	228	183	–	28	16
Railings not loose	752	531	28	3	190	175	–	13	2
Railings loose	62	31	–	–	31	2	–	14	14
No railings	44	37	–	–	7	6	–	1	–
Status of railings not reported	3	3	–	–	–	–	–	–	–
Loose steps	61	38	–	–	23	10	–	7	6
Railings not loose	47	27	–	–	20	7	–	7	6
Railings loose	12	9	–	–	3	3	–	–	–
No railings	2	2	–	–	–	–	–	–	–
Status of railings not reported	–	–	–	–	–	–	–	–	–
Status of steps not reported	–	–	–	–	–	–	–	–	–
Status of stairways not reported	298	195	24	2	77	64	–	–	13
Light Fixtures in Public Halls									
2 or more units in structure	2 276	1 459	154	13	650	553	–	58	39
No public halls	1 092	653	101	8	330	300	–	21	9
No light fixtures in public halls	12	8	1	–	2	2	–	–	–
All in working order	574	398	18	1	157	129	–	11	16
Some in working order	45	22	1	–	21	6	–	16	–
None in working order	4	–	–	–	4	3	–	–	1
Unable to determine if working	200	148	6	1	45	35	–	10	–
Not reported	350	229	28	2	91	78	–	–	13
Elevator on Floor									
Multiunits, 2 or more floors	1 790	1 171	132	7	480	393	–	52	35
With 1 or more elevators working	83	60	–	–	22	22	–	–	–
With elevator, none in working condition	11	8	–	–	2	2	–	–	–
No elevator	1 398	911	107	5	376	304	–	51	20
Units 3 or more floors from main entrance	21	17	–	–	5	5	–	–	–
Not reported	298	191	26	2	79	64	–	–	15
Foundation									
1 unit bldg. excl. mobile homes	15 952	13 599	–	44	2 309	2 105	63	135	5
With basement under all of building	5 059	4 312	–	21	726	679	13	34	–
With basement under part of building	2 517	2 349	–	8	160	144	2	12	2
With crawl space	5 708	4 867	–	7	834	734	28	69	3
On concrete slab	2 395	1 819	–	9	568	531	16	21	–
Other	272	252	–	–	20	17	4	–	–
Not reported	–	–	–	–	–	–	–	–	–
External Building Conditions[1]									
Sagging roof	12	12	–	–	–	–	–	–	–
Missing roofing material	21	15	6	–	–	–	–	–	–
Hole in roof	–	–	–	–	–	–	–	–	–
Could not see roof	103	77	8	–	18	14	–	4	–
Missing bricks, siding, other outside wall material	36	30	6	1	–	–	–	–	–
Sloping outside walls	9	7	2	–	–	–	–	–	–
Boarded up windows	10	8	2	–	–	–	–	–	–
Broken windows	13	10	2	–	–	–	–	–	–
Bars on windows	–	–	–	–	–	–	–	–	–
Foundation crumbling or has open crack or hole	24	19	3	–	1	–	–	–	1
Could not see foundation	26	20	–	–	5	5	–	–	–
None of the above	1 753	1 099	107	10	538	459	–	54	25
Could not observe or not reported	363	240	30	2	91	78	–	–	13
Site Placement									
Mobile homes	3 040	396	–	–	2 645	1 223	1 422	–	–
First site	1 515	209	–	–	1 306	846	460	–	–
Moved from another site	1 000	91	–	–	909	278	631	–	–
Don't know	441	85	–	–	356	82	274	–	–
Not reported	85	10	–	–	75	18	57	–	–
Previous Occupancy									
Unit built 1980 or later	3 996	65	–	–	3 930	3 881	45	–	4
Not previously occupied	2 370	19	–	–	2 351	2 325	27	–	–
Not reported	459	39	–	–	420	413	7	–	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**21 268**	**15 454**	**154**	**57**	**5 603**	**3 881**	**1 485**	**193**	**44**
Rooms									
1 room	47	19	1	–	27	7	–	17	4
2 rooms	148	108	8	–	31	17	8	7	–
3 rooms	1 071	701	38	1	331	205	66	29	31
4 rooms	3 970	2 353	39	–	1 577	836	713	24	4
5 rooms	5 393	3 736	47	11	1 599	1 082	454	60	3
6 rooms	4 932	3 910	10	16	997	803	161	33	–
7 rooms	2 929	2 342	8	5	574	501	58	13	2
8 rooms	1 502	1 270	–	10	222	205	9	8	–
9 rooms	719	581	2	6	130	121	9	–	–
10 rooms or more	557	435	–	8	113	104	6	3	–
Median	**5.5**	**5.7**	**4.3**	**6.6**	**5.0**	**5.3**	**4.4**	**4.8**	**...**
Bedrooms									
None	86	53	6	–	27	7	–	17	4
1	1 527	1 038	54	2	433	279	85	38	31
2	6 816	4 522	54	9	2 231	1 252	917	58	4
3	9 736	7 276	33	23	2 403	1 893	435	70	5
4 or more	3 104	2 565	7	23	508	450	48	10	–
Median	**2.7**	**2.8**	**1.8**	**3.2**	**2.5**	**2.7**	**2.2**	**2.2**	**...**
Complete Bathrooms									
None	179	133	4	–	42	18	21	4	–
1	10 809	8 439	137	12	2 220	1 173	896	121	30
1 and one-half	3 548	2 800	8	7	732	476	234	10	12
2 or more	6 733	4 082	4	37	2 609	2 214	334	59	2
Square Footage of Unit									
Single detached and mobile homes	18 532	13 685	–	44	4 802	3 192	1 485	120	5
Less than 500	250	150	–	–	100	12	80	9	–
500 to 749	1 059	573	–	–	486	87	392	7	–
750 to 999	2 384	1 323	–	–	1 061	509	520	29	3
1,000 to 1,499	4 708	3 624	–	3	1 080	803	254	24	–
1,500 to 1,999	3 382	2 718	–	9	655	567	63	26	–
2,000 to 2,499	2 414	2 016	–	5	393	363	23	7	–
2,500 to 2,999	1 334	1 116	–	2	215	203	2	10	–
3,000 to 3,999	1 063	891	–	2	170	168	2	–	–
4,000 or more	633	472	–	4	157	150	6	–	2
Not reported	1 305	802	–	18	484	331	143	10	–
Median	**1 531**	**1 642**	**...**	**...**	**1 237**	**1 518**	**846**	**1 219**	**...**
Lot Size									
Less than one-eighth acre	1 037	768	–	3	267	154	109	4	–
One-eighth up to one-quarter acre	2 265	1 896	–	17	351	210	131	10	–
One-quarter up to one-half acre	2 196	1 816	–	5	375	303	54	18	–
One-half up to one acre	2 102	1 562	–	3	537	404	124	10	–
1 to 4 acres	4 373	2 900	–	6	1 466	1 059	370	36	2
5 to 9 acres	822	520	–	1	300	214	78	9	–
10 acres or more	2 147	1 590	–	–	556	389	152	12	3
Don't know	3 551	2 561	–	8	983	507	442	34	–
Not reported	500	383	–	1	116	88	25	3	–
Median	**.97**	**.83**	**...**	**...**	**2.08**	**2.12**	**1.98**	**1.87**	**...**
Persons Per Room									
0.50 or less	14 914	11 141	89	36	3 647	2 523	970	117	37
0.51 to 1.00	6 014	4 102	61	17	1 833	1 294	460	72	7
1.01 to 1.50	303	188	2	3	110	58	52	–	–
1.51 or more	37	23	1	–	13	6	3	4	–
Square Feet Per Person									
Single detached and mobile homes	18 532	13 685	–	44	4 802	3 192	1 485	120	5
Less than 200	583	352	–	–	230	69	161	–	–
200 to 299	1 352	817	–	2	534	259	257	18	–
300 to 399	1 906	1 308	–	3	595	349	229	17	–
400 to 499	1 992	1 334	–	–	658	433	201	23	–
500 to 599	1 687	1 219	–	2	466	330	122	14	–
600 to 699	1 560	1 140	–	2	417	304	108	6	–
700 to 799	1 322	1 019	–	–	303	199	93	9	2
800 to 899	908	716	–	8	183	132	43	8	–
900 to 999	924	703	–	–	221	158	56	4	3
1,000 to 1,499	2 844	2 383	–	4	457	399	52	6	–
1,500 or more	2 149	1 892	–	4	254	228	19	6	–
Not reported	1 305	802	–	18	484	331	143	10	–
Median	**670**	**727**	**...**	**...**	**530**	**597**	**412**	**486**	**...**

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**21 268**	**15 454**	**154**	**57**	**5 603**	**3 881**	**1 485**	**193**	**44**
Equipment[1]									
Lacking complete kitchen facilities	253	189	8	1	54	35	11	6	2
With complete kitchen (sink, refrigerator and burners)	21 016	15 265	146	56	5 549	3 846	1 473	187	42
Kitchen sink	21 120	15 334	152	56	5 579	3 862	1 480	193	44
Refrigerator	21 235	15 429	152	57	5 597	3 876	1 485	193	44
Less than 5 years old	6 902	4 550	40	30	2 282	1 829	381	68	4
Age not reported	267	167	1	–	99	53	42	–	4
Burners and oven	21 173	15 390	150	57	5 576	3 869	1 478	187	42
Less than 5 years old	5 731	3 621	32	18	2 059	1 698	292	65	4
Age not reported	297	189	4	–	104	77	23	1	4
Burners only	38	18	2	–	18	12	4	–	2
Less than 5 years old	12	3	–	–	9	9	–	–	–
Age not reported	6	3	–	–	4	–	4	–	–
Oven only	18	15	–	–	3	–	3	–	–
Less than 5 years old	16	13	–	–	3	–	3	–	–
Age not reported	–	–	–	–	–	–	–	–	–
Neither burners nor oven	39	31	2	–	6	–	–	6	–
Dishwasher	8 607	6 080	25	28	2 475	2 181	242	49	2
Less than 5 years old	3 115	1 899	4	12	1 200	1 092	98	9	–
Age not reported	141	88	1	1	51	41	3	6	–
Washing machine	18 344	13 554	81	55	4 654	3 348	1 183	118	5
Less than 5 years old	6 188	4 248	28	23	1 890	1 451	388	49	2
Age not reported	147	106	5	–	36	25	11	–	–
Clothes dryer	16 874	12 445	66	53	4 310	3 232	962	114	2
Less than 5 years old	4 947	3 316	20	24	1 586	1 311	230	43	2
Age not reported	129	89	–	–	40	25	15	–	–
Disposal in kitchen sink	5 198	3 715	2	16	1 465	1 332	102	31	–
Less than 5 years old	1 855	1 130	–	6	719	684	17	18	–
Age not reported	156	116	–	–	40	38	2	–	–
Air conditioning:									
Central	7 400	4 956	20	8	2 417	2 017	349	44	6
1 room unit	5 015	3 770	43	10	1 193	613	516	55	9
2 room units	1 553	1 221	10	6	316	178	126	5	6
3 room units or more	392	345	1	3	43	21	21	–	–
Main Heating Equipment									
Warm-air furnace	11 164	8 091	73	20	2 979	1 964	945	62	8
Steam or hot water system	1 798	1 449	37	13	299	239	16	41	4
Electric heat pump	1 571	766	4	–	801	732	59	6	4
Built-in electric units	1 902	1 299	7	13	583	459	53	54	18
Floor, wall, or other built-in hot air units without ducts	979	881	–	1	96	56	36	–	5
Room heaters with flue	684	566	10	5	103	38	54	9	2
Room heaters without flue	660	525	7	1	127	27	94	3	3
Portable electric heaters	110	75	2	–	33	13	17	2	–
Stoves	1 716	1 289	13	–	413	242	165	7	–
Fireplaces with inserts	247	198	–	–	49	42	7	–	–
Fireplaces without inserts	42	32	–	3	7	4	2	–	–
Other	305	212	–	1	92	58	26	8	–
None	91	72	–	–	19	8	11	–	–
Other Heating Equipment									
With other heating equipment[1]	7 421	5 663	48	19	1 691	1 248	398	45	–
Warm-air furnace	553	368	4	–	181	104	77	–	–
Steam or hot water system	74	69	–	–	5	5	–	–	–
Electric heat pump	71	57	–	–	14	14	–	–	–
Built-in electric units	900	717	7	3	173	144	16	13	–
Floor, wall, or other built-in hot-air units without ducts	178	145	–	–	32	21	5	6	–
Room heaters with flue	343	303	–	–	40	21	16	3	–
Room heaters without flue	689	507	8	2	172	85	83	4	–
Portable electric heaters	1 233	1 011	15	1	205	94	102	9	–
Stoves	1 612	1 203	5	12	392	317	69	6	–
Fireplaces with inserts	1 168	884	–	–	284	254	23	7	–
Fireplaces with no inserts	1 207	922	13	2	269	261	8	–	–
Other	207	156	–	–	51	38	13	–	–
Plumbing									
With all plumbing facilities	20 924	15 207	150	55	5 512	3 822	1 467	183	40
Lacking some plumbing facilities[1]	71	43	2	–	26	10	13	4	–
No hot piped water	27	14	–	–	13	3	6	4	–
No bathtub nor shower	46	34	2	–	9	2	7	–	–
No flush toilet	32	21	–	–	12	8	4	–	–
No plumbing facilities for exclusive use	273	204	2	2	65	49	5	6	5
Source of Water									
Public system or private company	15 008	11 189	127	51	3 640	2 632	826	138	44
Well serving 1 to 5 units	5 805	3 953	19	6	1 827	1 181	591	55	–
Drilled	4 941	3 355	15	6	1 565	1 026	490	49	–
Dug	654	437	2	–	215	128	84	3	–
Not reported	210	161	2	–	47	27	17	3	–
Other	456	312	8	–	136	68	68	–	–

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	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	11 192	8 880	113	44	2 155	1 568	438	112	37
Septic tank, cesspool, chemical toilet	9 983	6 503	42	13	3 425	2 298	1 040	80	8
Other	93	71	–	–	22	15	7	–	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**21 268**	**15 454**	**154**	**57**	**5 603**	**3 881**	**1 485**	**193**	**44**
Main House Heating Fuel									
Housing units with heating fuel	21 177	15 382	154	57	5 584	3 874	1 474	193	44
Electricity	5 188	2 879	20	16	2 273	1 834	351	66	23
Piped gas	8 065	6 783	85	27	1 170	783	344	29	13
Bottled gas	2 512	1 505	5	1	1 001	607	355	35	4
Fuel oil	2 416	2 070	24	9	313	202	65	41	5
Kerosene or other liquid fuel	493	271	–	–	222	71	147	4	–
Coal or coke	168	140	5	–	23	9	11	2	–
Wood	2 249	1 674	13	3	559	352	191	16	–
Solar energy	13	4	–	–	9	6	3	–	–
Other	73	57	2	–	14	8	6	–	–
Other House Heating Fuels									
With other heating fuels[1]	5 673	4 318	31	17	1 307	942	330	34	1
Electricity	1 731	1 360	11	4	355	236	100	19	1
Piped gas	269	228	–	–	41	26	15	–	–
Bottled gas	373	250	–	–	123	73	34	16	–
Fuel oil	270	248	2	–	20	11	9	–	–
Kerosene or other liquid fuel	458	317	8	1	132	65	67	–	–
Coal or coke	43	32	–	–	11	10	2	–	–
Wood	2 641	1 983	10	13	636	531	96	9	–
Solar energy	24	19	–	–	4	4	–	–	–
Other	76	56	–	–	20	12	9	–	–
Not reported	174	136	4	–	34	31	3	–	–
Cooking Fuel									
With cooking fuel	21 227	15 423	152	57	5 594	3 879	1 485	187	44
Electricity	14 332	10 473	106	40	3 714	2 839	688	146	41
Piped gas	4 363	3 548	33	12	770	414	337	19	–
Bottled gas	2 343	1 293	14	5	1 032	587	420	22	3
Kerosene or other liquid fuel	144	78	–	–	67	31	35	–	–
Coal or coke	6	6	–	–	–	–	–	–	–
Wood	10	5	–	–	6	6	–	–	–
Other	28	21	–	–	7	2	5	–	–
Water Heating Fuel									
With hot piped water	21 174	15 383	154	57	5 579	3 870	1 476	189	44
Electricity	10 836	7 110	52	25	3 649	2 556	972	89	32
Piped gas	7 503	6 326	79	24	1 074	754	271	40	9
Bottled gas	1 788	1 127	17	5	639	410	194	32	3
Fuel oil	763	627	8	2	127	94	4	28	–
Kerosene or other liquid fuel	138	74	–	–	64	40	23	–	–
Coal or coke	26	26	–	–	–	–	–	–	–
Wood	42	32	–	–	9	5	4	–	–
Solar energy	32	21	–	–	11	8	3	–	–
Other	47	41	–	–	6	2	4	–	–
Central Air Conditioning Fuel									
With central air conditioning	7 400	4 956	20	8	2 417	2 017	349	44	6
Electricity	6 859	4 553	20	7	2 278	1 894	341	37	6
Piped gas	417	335	–	–	82	74	5	3	–
Other	124	68	–	–	56	49	3	4	–
Clothes Dryer Fuel									
With clothes dryer	16 874	12 445	66	53	4 310	3 232	962	114	2
Electricity	14 805	10 696	64	49	3 997	2 987	910	98	2
Piped gas	1 620	1 458	2	2	157	131	26	–	–
Other	450	291	–	2	157	114	26	17	–
Units Using Each Fuel[1]									
Electricity	21 249	15 440	154	57	5 597	3 876	1 485	193	44
All-electric units	4 393	2 393	12	13	1 975	1 613	286	53	23
Piped gas	9 327	7 769	93	33	1 432	956	413	48	15
Bottled gas	4 174	2 617	19	7	1 532	898	576	53	4
Fuel oil	2 977	2 548	28	11	391	253	88	45	5
Kerosene or other liquid fuel	1 017	639	8	1	369	152	214	4	–
Coal or coke	211	172	5	–	34	19	13	2	–
Wood	4 891	3 657	23	16	1 195	883	287	25	–
Solar energy	61	41	–	–	21	17	3	–	–
Other	192	147	2	–	43	22	21	–	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**21 268**	**15 454**	**154**	**57**	**5 603**	**3 881**	**1 485**	**193**	**44**
Water Supply Stoppage									
With hot and cold piped water	21 174	15 383	154	57	5 579	3 870	1 476	189	44
No stoppage in last 3 months	20 164	14 724	152	55	5 234	3 646	1 363	182	42
With stoppage in last 3 months	893	587	–	1	305	208	90	7	–
No stoppage lasting 6 hours or more	314	190	–	1	123	86	31	7	–
1 time lasting 6 hours or more	424	286	–	–	138	93	45	–	–
2 times	68	42	–	–	26	21	5	–	–
3 times	34	22	–	–	12	2	9	–	–
4 times or more	18	14	–	–	4	4	–	–	–
Number of times not reported	36	33	–	–	2	2	–	–	–
Stoppage not reported	117	72	2	1	41	16	23	–	2
Flush Toilet Breakdowns									
With one or more flush toilets	21 169	15 377	154	57	5 581	3 866	1 478	193	44
With at least one working toilet at all times in last 3 months	19 983	14 536	142	52	5 253	3 668	1 359	182	44
None working some time in last 3 months	1 112	786	12	4	310	183	115	11	–
No breakdowns lasting 6 hours or more	311	210	2	4	95	60	35	–	–
1 time lasting 6 hours or more	513	370	8	1	136	85	44	7	–
2 times	120	90	–	–	30	13	13	4	–
3 times	35	26	2	–	6	–	6	–	–
4 times or more	40	24	–	–	16	10	6	–	–
Number of times not reported	94	66	–	–	27	16	11	–	–
Breakdowns not reported	74	55	–	1	18	15	3	–	–
Sewage Disposal Breakdowns									
With public sewer	11 192	8 880	113	44	2 155	1 568	438	112	37
No breakdowns in last 3 months	10 954	8 677	110	44	2 122	1 548	425	112	37
With breakdowns in last 3 months	239	203	2	–	33	20	14	–	–
No breakdowns lasting 6 hours or more	66	53	2	–	10	7	3	–	–
1 time lasting 6 hours or more	139	120	–	–	19	13	6	–	–
2 times	13	13	–	–	–	–	–	–	–
3 times	15	11	–	–	4	–	4	–	–
4 times or more	6	6	–	–	–	–	–	–	–
With septic tank or cesspool	9 983	6 503	42	13	3 425	2 298	1 040	80	8
No breakdowns in last 3 months	9 723	6 335	37	13	3 338	2 250	1 006	74	8
With breakdowns in last 3 months	260	168	4	–	88	47	34	6	–
No breakdowns lasting 6 hours or more	51	28	2	–	21	13	7	–	–
1 time lasting 6 hours or more	178	117	2	–	58	31	21	6	–
2 times	23	20	–	–	3	3	–	–	–
3 times	–	–	–	–	–	–	–	–	–
4 times or more	8	2	–	–	6	–	6	–	–
Heating Problems									
With heating equipment and occupied last winter	19 469	14 337	99	56	4 976	3 476	1 316	142	41
Not uncomfortably cold for 24 hours or more last winter	18 229	13 438	91	51	4 649	3 263	1 206	139	41
Uncomfortably cold for 24 hours or more last winter[1]	1 204	880	8	6	310	204	103	3	–
Equipment breakdowns	241	177	2	1	61	45	16	–	–
No breakdowns lasting 6 hours or more	27	13	–	–	14	7	6	–	–
1 time lasting 6 hours or more	153	117	–	1	35	25	10	–	–
2 times	38	31	–	–	7	7	–	–	–
3 times	16	11	2	–	3	3	–	–	–
4 times or more	8	5	–	–	3	3	–	–	–
Number of times not reported	–	–	–	–	–	–	–	–	–
Other causes	989	709	6	5	269	173	93	3	–
Utility interruption	484	323	–	1	160	119	41	–	–
Inadequate heating capacity	171	146	2	1	21	5	16	–	–
Inadequate insulation	111	97	–	1	13	10	4	–	–
Other	188	117	2	1	68	35	30	3	–
Not reported	35	27	2	1	6	4	2	–	–
Reason for discomfort not reported	11	11	–	–	–	–	–	–	–
Discomfort not reported	36	20	–	–	16	9	7	–	–
Electric Fuses and Circuit Breakers									
With electrical wiring	21 249	15 440	154	57	5 597	3 876	1 485	193	44
No fuses or breakers blown in last 3 mo.	18 320	13 293	114	47	4 866	3 414	1 243	171	38
With fuses or breakers blown in last 3 mo.	2 741	2 033	29	10	669	422	226	19	2
1 time	1 498	1 106	11	6	374	232	131	11	–
2 times	522	401	7	2	113	67	41	3	2
3 times	241	192	–	–	49	27	18	4	–
4 times or more	324	227	11	2	84	60	24	–	–
Number of times not reported	155	107	–	–	48	36	11	1	–
Problem not reported or don't know	188	114	11	–	63	40	16	3	4

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	**21 268**	**15 454**	**154**	**57**	**5 603**	**3 881**	**1 485**	**193**	**44**
Selected Amenities[1]									
Porch, deck, balcony, or patio	17 078	12 534	109	42	4 393	3 203	1 060	120	9
Not reported	18	6	2	–	9	5	–	4	–
Telephone available	19 613	14 460	124	52	4 976	3 568	1 215	155	38
Usable fireplace	5 198	3 942	27	20	1 209	1 104	71	34	–
Separate dining room	8 410	6 598	30	43	1 738	1 388	299	50	2
With 2 or more living rooms or recreation rooms, etc.	6 545	5 220	22	25	1 278	1 105	128	43	2
Garage or carport included with home	12 303	9 919	42	32	2 311	1 919	289	96	7
Garage or carport not included	8 926	5 502	112	25	3 286	1 960	1 192	97	37
Offstreet parking included	7 892	4 729	80	22	3 061	1 840	1 092	92	37
Offstreet parking not reported	40	22	2	–	16	12	4	–	–
Garage or carport not reported	39	33	–	–	6	3	3	–	–
Cars and Trucks Available[1]									
No cars, trucks, or vans	1 607	1 170	27	1	409	191	159	30	28
Other households without cars	1 879	1 279	13	4	584	381	187	13	2
1 car with or without trucks or vans	11 555	8 410	73	37	3 034	2 084	846	93	12
2 cars	4 996	3 654	29	11	1 302	1 020	236	44	2
3 or more cars	1 231	941	12	3	275	206	56	13	–
With cars, no trucks or vans	9 043	6 666	81	25	2 271	1 539	652	67	14
1 truck or van with or without cars	8 181	5 883	44	20	2 234	1 632	539	63	–
2 or more trucks or vans	2 436	1 735	2	10	689	520	134	33	2
Owner or Manager on Property									
Rental, multiunit[2]	2 276	1 459	154	13	650	553	–	58	39
Owner or manager lives on property	560	309	46	–	205	201	–	4	–
Neither owner nor manager lives on property	1 469	1 002	77	6	384	300	–	50	35
Not reported	246	148	31	6	61	53	–	4	4
Selected Deficiencies[1]									
Signs of rats in last 3 months	514	353	4	4	153	54	93	7	–
Holes in floors	271	179	4	–	88	30	59	–	–
Open cracks or holes (interior)	947	763	11	5	167	74	83	8	2
Broken plaster or peeling paint (interior)	817	701	8	6	102	30	59	13	–
No electrical wiring	19	14	–	–	6	6	–	–	–
Exposed wiring	319	269	8	2	40	17	19	4	–
Rooms without electric outlets	522	453	8	2	59	35	18	6	–
Water Leakage During Last 12 Months									
No leakage from inside structure	19 084	13 839	141	49	5 055	3 509	1 328	176	42
With leakage from inside structure[1]	2 159	1 595	13	8	543	368	157	17	2
Fixtures backed up or overflowed	767	543	11	3	209	138	64	7	–
Pipes leaked	1 100	853	2	5	240	144	85	9	2
Other or unknown (includes not reported)	342	241	–	–	101	88	12	1	–
Interior leakage not reported	25	20	–	–	5	5	–	–	–
No leakage from outside structure	16 997	11 992	137	34	4 834	3 448	1 188	157	42
With leakage from outside structure[1]	4 238	3 448	18	23	749	414	297	36	2
Roof	1 722	1 346	4	5	367	150	201	16	–
Basement	1 831	1 709	7	12	103	79	–	22	2
Walls, closed windows, or doors	562	345	6	–	211	142	68	–	–
Other or unknown (includes not reported)	353	230	–	7	116	69	45	1	–
Exterior leakage not reported	33	14	–	–	19	19	–	–	–
Overall Opinion of Structure									
1 (worst)	120	87	2	–	31	6	24	–	–
2	58	37	–	–	20	4	10	6	–
3	184	137	2	–	44	3	41	–	–
4	224	184	2	–	38	19	19	–	–
5	1 527	1 135	15	2	375	158	214	3	–
6	1 035	812	14	4	206	107	80	16	3
7	2 303	1 777	28	5	492	278	186	22	7
8	5 040	3 866	42	19	1 113	727	309	70	6
9	2 866	2 103	18	4	741	617	115	8	1
10 (best)	7 724	5 195	29	21	2 479	1 924	460	67	27
Not reported	188	121	3	1	64	38	26	–	–
Selected Physical Problems									
Severe physical problems[1]	430	316	6	2	106	64	27	10	5
Plumbing	344	247	4	2	91	59	18	10	5
Heating	24	16	2	–	5	5	–	–	–
Electric	32	26	–	–	6	6	–	–	–
Upkeep	50	40	–	–	10	–	10	–	–
Hallways	–	–	–	–	–	–	–	–	–
Moderate physical problems[1]	1 209	949	13	5	242	86	144	9	3
Plumbing	69	47	–	–	22	10	12	–	–
Heating	637	503	7	–	127	27	94	3	3
Upkeep	410	326	5	5	76	38	38	–	–
Hallways	–	–	–	–	–	–	–	–	–
Kitchen	148	121	2	1	24	12	6	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. **1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**21 268**	**15 454**	**154**	**57**	**5 603**	**3 881**	**1 485**	**193**	**44**
Overall Opinion of Neighborhood									
1 (worst)	252	188	4	1	58	42	12	4	–
2	124	62	4	–	58	37	18	4	–
3	174	119	–	1	54	27	25	2	–
4	324	224	–	3	97	61	30	7	–
5	1 416	1 063	18	5	331	197	129	3	2
6	758	599	5	2	152	106	33	12	–
7	1 734	1 390	4	6	334	245	67	15	6
8	4 130	3 079	41	16	995	710	229	53	3
9	2 755	2 014	13	7	721	513	182	23	3
10 (best)	8 902	6 280	56	16	2 550	1 795	657	67	31
No neighborhood	474	301	–	–	172	99	71	2	–
Not reported	225	135	9	–	81	50	31	–	–
Neighborhood Conditions									
With neighborhood	20 569	15 018	146	57	5 349	3 732	1 382	191	44
No problems	14 248	10 345	100	38	3 764	2 561	1 026	142	35
With problems[1]	6 270	4 640	45	19	1 566	1 155	353	48	9
Crime	426	308	4	1	113	97	16	–	–
Noise	1 165	860	15	6	283	183	79	20	2
Traffic	1 221	961	15	5	239	164	52	23	–
Litter or housing deterioration	742	634	–	3	105	76	26	1	2
Poor city or county services	212	136	–	–	76	65	9	2	–
Undesirable commercial, institutional, industrial	299	236	–	1	62	20	35	6	–
People	2 266	1 680	18	11	557	420	117	18	2
Other	1 641	1 103	6	2	530	435	84	6	4
Type of problem not reported	136	92	–	1	42	31	11	–	1
Presence of problems not reported	52	32	–	1	19	16	3	–	–
Description of Area Within 300 Feet[1]									
Single-family detached houses	1 070	744	88	7	231	173	–	31	26
Only single-family detached	–	–	–	–	–	–	–	–	–
Single-family attached or 1 to 3 story multiunit	1 198	725	55	7	410	362	–	37	11
4 to 6 story multiunit	76	44	1	–	32	10	–	21	–
7 stories or more multiunit	3	–	–	–	3	3	–	–	–
Mobile homes	82	50	2	–	30	20	–	6	4
Commercial, institutional, or industrial	541	359	44	1	138	104	–	31	3
Residential parking lots	425	267	3	–	155	131	–	3	21
Body of water	65	52	6	–	7	7	–	–	–
Open space, park, farm, or ranch	552	315	25	3	209	189	–	15	5
4+ lane highway, railroad, or airport	103	85	4	–	14	14	–	–	–
Other	76	37	7	–	32	32	–	–	–
Not observed or not reported	344	226	28	2	88	75	–	–	13
Age of Other Residential Buildings Within 300 Feet									
Older	208	109	2	–	97	97	–	–	–
About the same	1 311	823	96	8	384	305	–	53	26
Newer	72	52	14	2	4	4	–	–	–
Very mixed	220	167	4	1	48	43	–	5	–
No other residential buildings	102	75	10	–	17	17	–	–	–
Not reported	363	234	28	2	99	86	–	–	13
Mobile Homes in Group									
Mobile homes	3 040	396	–	–	2 645	1 223	1 422	–	–
1 to 6	2 417	277	–	–	2 141	977	1 164	–	–
7 to 20	207	28	–	–	179	74	105	–	–
21 or more	411	91	–	–	320	172	148	–	–
Not reported	4	–	–	–	4	–	4	–	–
Other Buildings Vandalized or With Interior Exposed									
None	1 829	1 169	122	11	527	447	–	54	26
1 building	19	13	–	–	5	5	–	–	–
More than 1 building	12	8	–	–	4	–	–	4	–
No buildings within 300 feet	33	16	2	–	14	14	–	–	–
Not reported	384	253	30	2	100	87	–	–	13
Bars on Windows of Buildings									
With other buildings within 300 feet	1 859	1 190	122	11	536	452	–	58	26
No bars on windows	1 830	1 171	119	11	530	446	–	58	26
1 building with bars	9	5	4	–	–	–	–	–	–
2 or more buildings with bars	8	6	–	–	2	2	–	–	–
Not reported	12	7	–	–	4	4	–	–	–
Condition of Streets									
No repairs needed	1 466	952	101	10	403	344	–	32	26
Minor repairs needed	407	252	18	1	135	115	–	20	–
Major repairs needed	40	27	–	–	13	8	–	5	–
No streets within 300 feet	17	4	7	–	5	5	–	–	–
Not reported	346	223	28	2	94	81	–	–	13
Trash, Litter, or Junk on Streets or any Properties									
None	1 530	949	95	10	477	403	–	48	26
Minor accumulation	361	258	26	1	76	69	–	6	–
Major accumulation	38	29	3	–	6	3	–	3	–
Not reported	346	223	30	2	91	78	–	–	13

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

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	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	**54 017**	**38 909**	**368**	**184**	**14 555**	**10 432**	**3 610**	**458**	**55**
Total	**21 268**	**15 454**	**154**	**57**	**5 603**	**3 881**	**1 485**	**193**	**44**
Persons									
1 person	5 059	3 832	50	5	1 171	678	405	46	41
2 persons	7 579	5 503	44	15	2 017	1 403	531	83	1
3 persons	3 510	2 427	25	17	1 041	788	240	13	–
4 persons	3 233	2 343	23	8	859	635	179	45	–
5 persons	1 286	922	7	8	348	262	81	5	–
6 persons	422	281	4	2	135	91	42	–	2
7 persons or more	179	146	–	2	32	25	6	–	–
Median	**2.2**	**2.2**	**2.1**	**3.0**	**2.3**	**2.4**	**2.1**	**2.1**	**...**
Number of Single Children Under 18 Years Old									
None	13 578	10 221	93	26	3 238	2 199	891	106	41
1	3 204	2 147	18	10	1 029	685	294	49	1
2	2 915	2 012	31	10	862	661	166	35	–
3	1 116	738	6	7	365	257	105	3	–
4	339	239	4	2	94	67	25	–	2
5	81	67	2	2	10	7	3	–	–
6 or more	35	29	–	–	6	6	–	–	–
Median	**.5-**	**.5-**	**.5-**	**.7**	**.5-**	**.5-**	**.5-**	**.5-**	**...**
Persons 65 Years Old and Over									
None	14 928	10 364	140	41	4 383	3 049	1 158	164	13
1 person	4 134	3 319	12	8	795	503	245	16	31
2 persons or more	2 206	1 771	2	8	425	330	82	13	–
Age of Householder									
Under 25 years	917	565	21	1	330	186	119	22	2
25 to 29	1 471	872	28	2	569	378	170	21	–
30 to 34	2 065	1 288	33	5	739	519	169	51	–
35 to 44	4 370	3 031	20	18	1 301	946	306	42	6
45 to 54	3 562	2 612	19	8	922	658	241	22	–
55 to 64	2 868	2 243	23	6	596	415	171	5	5
65 to 74	3 232	2 557	7	6	662	472	174	12	4
75 years and over	2 783	2 285	4	10	484	306	135	16	27
Median	**50**	**53**	**34**	**48**	**44**	**44**	**44**	**35**	**...**
Household Composition by Age of Householder									
2-or-more person households	16 209	11 622	104	52	4 432	3 203	1 079	146	3
Married-couple families, no nonrelatives	12 264	8 868	35	40	3 322	2 520	715	84	2
Under 25 years	380	215	4	1	160	97	61	2	–
25 to 29 years	882	485	3	1	393	256	115	21	–
30 to 34 years	1 260	788	10	3	458	372	75	11	–
35 to 44 years	2 841	2 003	6	13	819	639	150	29	2
45 to 64 years	4 188	3 222	12	11	943	732	202	9	–
65 years and over	2 714	2 156	–	10	548	425	112	12	–
Other male householder	1 564	1 086	31	3	444	271	148	25	–
Under 45 years	904	588	16	1	299	173	101	25	–
45 to 64 years	452	323	12	2	115	73	42	–	–
65 years and over	209	175	2	1	31	25	6	–	–
Other female householder	2 381	1 668	38	9	666	412	216	37	1
Under 45 years	1 412	898	30	4	480	307	150	22	1
45 to 64 years	589	445	4	2	138	84	46	9	–
65 years and over	379	325	4	3	48	21	21	6	–
1-person households	5 059	3 832	50	5	1 171	678	405	46	41
Male householder	1 819	1 284	29	3	502	287	167	34	14
Under 45 years	769	517	23	3	226	124	73	23	5
45 to 64 years	512	344	6	–	162	81	66	9	5
65 years and over	538	423	–	–	115	82	27	2	4
Female householder	3 240	2 548	21	2	669	391	238	12	27
Under 45 years	375	262	9	–	104	62	39	4	–
45 to 64 years	690	522	8	–	160	104	56	–	–
65 years and over	2 175	1 763	5	2	405	226	143	9	27

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	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	7 690	5 233	61	31	2 365	1 682	593	87	3
Married couples	5 495	3 778	23	21	1 673	1 260	360	51	2
One child under 6 only	722	417	3	4	298	218	70	10	–
One under 6, one or more 6 to 17	921	633	4	2	281	231	40	9	–
Two or more under 6 only	464	302	2	–	160	115	41	4	–
Two or more under 6, one or more 6 to 17	269	177	2	1	89	61	28	–	–
One or more 6 to 17 only	3 119	2 248	11	14	845	634	181	28	2
Other households with two or more adults	930	682	14	3	231	157	64	10	–
One child under 6 only	197	128	–	–	68	39	29	–	–
One under 6, one or more 6 to 17	144	106	4	–	34	21	6	6	–
Two or more under 6 only	56	50	3	–	3	1	2	–	–
Two or more under 6, one or more 6 to 17	51	33	–	–	18	14	4	–	–
One or more 6 to 17 only	482	364	7	3	108	81	23	3	–
Households with one adult or none	1 265	773	24	6	461	265	169	26	1
One child under 6 only	200	111	4	1	84	42	35	7	–
One under 6, one or more 6 to 17	198	125	9	1	63	35	28	–	–
Two or more under 6 only	68	32	–	–	36	20	16	–	–
Two or more under 6, one or more 6 to 17	41	23	4	–	14	5	9	–	–
One or more 6 to 17 only	758	482	7	5	264	164	81	19	1
Total households with no children	13 578	10 221	93	26	3 238	2 199	891	106	41
Married couples	6 829	5 129	12	19	1 669	1 274	361	33	–
Other households with two or more adults	1 690	1 260	30	2	398	247	125	26	–
Households with one adult	5 059	3 832	50	5	1 171	678	405	46	41
Own Never Married Children Under 18 Years Old									
No own children under 18 years	14 134	10 648	102	28	3 356	2 279	921	113	42
With own children under 18 years	7 134	4 806	52	29	2 247	1 602	564	80	2
Under 6 years only	1 509	889	10	6	604	406	182	16	–
1	953	531	7	6	409	271	125	13	–
2	490	319	2	–	169	122	43	4	–
3 or more	66	38	1	–	27	13	14	–	–
6 to 17 years only	4 185	2 965	18	20	1 182	859	273	48	2
1	1 966	1 389	7	6	565	381	154	29	–
2	1 576	1 125	11	8	432	339	78	16	–
3 or more	643	451	–	7	185	139	41	3	2
Both age groups	1 440	952	24	3	461	337	109	16	–
2	714	473	13	2	226	173	37	16	–
3 or more	726	478	11	1	236	165	71	–	–
Persons Other Than Spouse or Children[1]									
With other relatives	4 210	3 257	26	14	912	632	243	36	–
Single adult offspring 18 to 29	2 344	1 824	5	5	510	358	137	16	–
Single adult offspring 30 years of age or over	686	613	–	1	72	44	28	–	–
Households with three generations	335	260	3	1	71	48	22	–	–
Households with 1 subfamily	370	293	7	1	69	51	18	–	–
Subfamily householder age under 30	215	161	2	–	52	37	15	–	–
30 to 64	139	124	5	1	9	9	–	–	–
65 and over	16	8	–	–	8	4	3	–	–
Households with 2 or more subfamilies	16	16	–	–	–	–	–	–	–
Households with other types of relatives	1 331	950	15	7	359	258	81	20	–
With non-relatives	1 029	723	25	1	280	173	86	20	1
Co-owners or co-renters	335	218	10	1	106	66	23	16	1
Lodgers	...	...	...	...	...	...	...	...	...
Unrelated children, under 18 years old	163	128	–	1	34	28	6	–	–
Other non-relatives	337	249	9	–	79	46	30	4	–
One or more secondary families	96	79	–	–	17	13	5	–	–
2-person households, none related to each other	545	364	17	–	164	96	47	20	1
3-8 person households, none related to each other	60	50	1	1	9	5	4	–	–
Years of School Completed by Householder									
No school years completed	96	79	2	–	15	–	15	–	–
Elementary:									
less than 8 years	1 256	930	11	4	311	153	147	11	–
8 years	1 469	1 193	1	–	274	160	115	–	–
High School:									
1 to 3 years	2 805	1 992	22	4	787	404	338	25	20
4 years	8 711	6 230	63	14	2 404	1 636	654	101	13
College:									
1 to 3 years	3 512	2 510	42	23	938	736	163	34	4
4 years or more	3 420	2 520	13	13	873	793	53	21	7
Median	**12.6**	**12.6**	**12.6**	**14.2**	**12.6**	**12.7**	**12.2**	**12.6**	**...**
Year Householder Moved Into Unit									
1990 to 1994	7 141	4 254	96	21	2 770	2 005	624	132	10
1985 to 1989	4 384	2 649	23	11	1 701	1 219	415	35	31
1980 to 1984	2 143	1 365	2	4	772	591	162	19	–
1975 to 1979	2 161	1 980	6	3	173	23	150	–	–
1970 to 1974	1 594	1 479	4	1	110	26	76	4	3
1960 to 1969	1 855	1 787	9	7	52	6	42	4	–
1950 to 1959	1 116	1 079	9	6	21	7	15	–	–
1940 to 1949	582	571	6	4	1	1	–	–	–
1939 or earlier	292	289	–	–	3	3	–	–	–
Median	**1979**	**1976**	**1976**	**1974**	**1986**	**1986**	**1985**	**1985**	**...**

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	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	3 621	2 199	75	6	1 342	924	331	83	4
Household all moved here from one unit	2 532	1 472	52	3	1 006	681	255	66	4
Householder of previous unit did not move here	474	287	17	1	169	108	47	13	1
Householder of previous unit moved here	1 976	1 140	35	2	800	550	194	53	3
Householder of previous unit not reported	81	45	–	–	37	22	14	–	–
Household moved here from two or more units	359	208	12	1	139	89	36	14	–
No previous householder moved here	123	63	2	–	58	34	15	8	–
1 previous householder moved here	60	39	1	–	20	10	8	2	–
2 or more previous householders moved here	138	85	8	1	44	28	13	4	–
Previous householder(s) not reported	37	20	–	–	17	17	–	–	–
Some already here, rest moved in	722	512	11	2	197	154	39	4	–
No previous householder moved here	228	171	2	1	53	42	11	–	–
1 or more previous householders moved here	390	280	4	–	106	79	24	4	–
Previous householder(s) not reported	105	61	4	1	38	34	5	–	–
Number of previous units not reported	8	8	–	–	–	–	–	–	–

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**21 268**	**15 454**	**154**	**57**	**5 603**	**3 881**	**1 485**	**193**	**44**
Household Income									
Less than $5,000	1 273	918	12	2	341	191	128	21	–
$5,000 to $9,999	2 793	2 010	17	3	763	385	316	34	27
$10,000 to $14,999	2 492	1 793	41	9	648	363	257	18	10
$15,000 to $19,999	2 084	1 464	20	4	596	342	242	9	3
$20,000 to $24,999	2 117	1 578	27	5	506	339	141	26	–
$25,000 to $29,999	2 140	1 613	11	1	515	354	139	20	2
$30,000 to $34,999	1 551	1 086	8	7	451	327	105	19	–
$35,000 to $39,999	1 219	856	4	5	354	305	46	3	–
$40,000 to $49,999	1 931	1 461	8	11	450	385	50	13	2
$50,000 to $59,999	1 305	967	4	5	329	268	46	15	–
$60,000 to $79,999	1 327	977	2	1	347	324	11	11	–
$80,000 to $99,999	452	330	–	2	120	114	3	4	–
$100,000 to $119,999	229	177	–	–	51	51	–	–	–
$120,000 or more	357	223	–	2	131	131	–	–	–
Median	**24 706**	**24 883**	**16 700**	**33 677**	**24 475**	**29 502**	**15 838**	**22 711**	**...**
As percent of poverty level:									
Less than 50 percent	1 200	819	16	1	365	204	136	25	–
50 to 99	2 337	1 684	21	6	626	304	292	18	12
100 to 149	3 031	2 124	32	10	865	533	283	34	15
150 to 199	2 518	1 831	24	3	660	403	234	11	11
200 percent or more	12 182	8 996	61	38	3 087	2 437	539	105	6
Income of Families and Primary Individuals									
Less than $5,000	1 348	966	14	2	366	203	137	25	–
$5,000 to $9,999	2 891	2 096	21	3	772	392	323	30	27
$10,000 to $14,999	2 550	1 826	38	9	677	374	263	29	11
$15,000 to $19,999	2 119	1 483	20	3	613	358	244	9	2
$20,000 to $24,999	2 127	1 596	28	5	498	337	136	25	–
$25,000 to $29,999	2 102	1 589	16	1	496	353	131	10	2
$30,000 to $34,999	1 490	1 031	5	7	447	321	106	19	–
$35,000 to $39,999	1 164	824	4	5	331	288	40	3	–
$40,000 to $49,999	1 895	1 429	7	11	448	388	46	13	2
$50,000 to $59,999	1 271	947	2	5	316	255	46	15	–
$60,000 to $79,999	1 290	946	–	1	343	319	13	11	–
$80,000 to $99,999	445	323	–	2	120	117	–	4	–
$100,000 to $119,999	236	184	–	–	51	51	–	–	–
$120,000 or more	341	214	–	2	126	126	–	–	–
Median	**24 059**	**24 249**	**16 203**	**33 677**	**23 760**	**28 932**	**15 408**	**20 595**	**...**
Income Sources of Families and Primary Individuals									
Wages and salaries	14 275	10 134	124	44	3 974	2 802	1 031	132	8
Wages and salaries were majority of income	12 328	8 669	103	38	3 519	2 459	927	125	8
2 or more people each earned over 20% of wages and salaries	4 861	3 484	13	19	1 346	1 034	261	51	–
Business, farm, or ranch	3 680	2 748	18	6	909	694	162	49	4
Social security or pensions	7 974	6 253	34	20	1 667	1 152	431	48	37
Interest	9 194	7 065	29	29	2 071	1 720	300	31	20
Stock dividend(s)	2 991	2 199	4	5	782	693	60	27	2
Rental income	2 299	1 736	38	12	512	406	74	30	2
With lodger(s)	...	...	...	...	...	...	...	...	...
Welfare or SSI	1 454	992	25	5	431	234	166	31	–
Alimony or child support	996	664	15	9	307	210	97	–	–
Other	2 778	1 961	27	6	785	559	201	19	5
Amount of Savings and Investments									
Income of $25,000 or less	11 501	8 327	122	22	3 029	1 719	1 142	126	42
No savings or investments	6 198	4 249	90	14	1 845	956	799	85	5
$25,000 or less	3 449	2 658	22	5	764	464	244	27	30
More than $25,000	880	730	2	4	144	92	49	3	–
Not reported	975	690	8	–	276	207	51	11	7
Food Stamps									
Income of $25,000 or less	11 501	8 327	122	22	3 029	1 719	1 142	126	42
Family members received food stamps	1 834	1 206	16	6	606	288	283	35	–
Did not receive food stamps	9 105	6 736	102	15	2 252	1 287	839	87	38
Not reported	562	385	4	1	171	144	20	4	4
Rent Reductions									
No subsidy or income reporting	4 424	3 286	111	9	1 018	499	412	88	19
Rent control	–	–	–	–	–	–	–	–	–
No rent control	4 424	3 286	111	9	1 018	499	412	88	19
Reduced by owner	485	372	7	2	103	38	59	7	–
Not reduced by owner	3 931	2 909	104	7	911	461	350	82	19
Owner reduction not reported	8	5	–	–	4	–	4	–	–
Rent control not reported	–	–	–	–	–	–	–	–	–
Owned by public housing authority	410	236	–	–	173	152	–	2	19
Other, Federal subsidy	304	183	8	–	113	94	16	3	–
Other, State or local subsidy	115	81	2	–	31	20	11	–	–
Other, income verification	120	57	2	–	60	54	4	–	2
Subsidy or income verification not reported	75	56	–	–	19	11	8	–	–

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**21 268**	**15 454**	**154**	**57**	**5 603**	**3 881**	**1 485**	**193**	**44**
Monthly Housing Costs									
Less than $100	761	468	4	–	288	119	154	10	4
$100 to $199	4 331	3 291	6	5	1 029	562	439	18	11
$200 to $249	2 221	1 686	20	2	513	288	181	33	11
$250 to $299	1 701	1 299	19	8	374	222	121	29	2
$300 to $349	1 364	1 003	20	–	341	219	102	19	2
$350 to $399	1 333	984	13	4	332	203	116	11	2
$400 to $449	1 341	938	10	4	389	298	78	13	–
$450 to $499	1 141	860	10	2	269	209	55	4	2
$500 to $599	1 686	1 191	15	3	477	397	71	9	–
$600 to $699	1 161	856	16	4	285	248	22	7	8
$700 to $799	727	497	–	3	227	216	9	2	–
$800 to $999	863	571	11	7	274	260	2	12	–
$1,000 to $1,249	436	263	4	8	161	145	6	9	–
$1,250 to $1,499	219	140	–	1	78	78	–	–	–
$1,500 or more	193	107	–	–	86	86	–	–	–
No cash rent	816	611	6	1	197	92	96	7	3
Mortgage payment not reported	975	689	–	3	282	240	34	9	–
Median (excludes no cash rent)	**327**	**317**	**370**	**530**	**352**	**427**	**223**	**296**	**...**
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	**325**	**308**	**...**	**...**	**373**	**457**	**194**	**355**	**...**
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	**130**	**122**	**...**	**...**	**155**	**224**	**100-**	**100-**	**...**
Monthly Housing Costs as Percent of Current Income									
Less than 5 percent	869	583	–	2	285	193	85	6	–
5 to 9 percent	2 979	2 265	–	5	709	462	213	30	4
10 to 14 percent	3 423	2 585	17	11	809	556	221	28	5
15 to 19 percent	3 449	2 564	24	6	854	624	216	8	6
20 to 24 percent	2 320	1 684	20	3	613	446	150	17	–
25 to 29 percent	1 739	1 195	15	2	527	405	112	6	5
30 to 34 percent	1 028	703	11	9	304	211	80	7	5
35 to 39 percent	783	545	10	4	224	147	51	26	–
40 to 49 percent	906	629	16	1	260	186	63	6	5
50 to 59 percent	503	366	18	1	118	93	14	9	2
60 to 69 percent	287	214	2	3	68	34	24	11	–
70 to 99 percent	405	261	9	–	135	66	47	12	10
100 percent or more[1]	545	397	7	5	136	90	38	8	–
Zero or negative income	242	163	–	–	80	36	40	3	–
No cash rent	816	611	6	1	197	92	96	7	3
Mortgage payment not reported	975	689	–	3	282	240	34	9	–
Median (excludes 3 previous lines)	**18**	**18**	**29**	**23**	**19**	**19**	**18**	**24**	**...**
Median (excludes 4 lines before medians)	**18**	**18**	**28**	**19**	**19**	**19**	**18**	**23**	**...**
Nonrelatives' Shared Housing Costs									
Nonrelatives in housing units	554	379	13	1	161	100	45	16	–
Less than $100 per month	242	167	7	–	68	48	19	1	–
$100 to $199	109	65	4	–	40	21	13	6	–
$200 to $299	98	64	2	–	32	18	6	7	–
$300 to $399	27	22	–	–	5	–	4	1	–
$400 or more per month	40	27	–	1	13	13	–	–	–
Not reported	37	34	–	–	3	–	3	–	–
Median	**115**	**109**	**...**	**...**	**128**	**110**	**...**	**...**	**...**
Monthly Cost Paid for Electricity									
Electricity used	21 249	15 440	154	57	5 597	3 876	1 485	193	44
Less than $25	1 307	1 019	17	1	269	162	94	13	–
$25 to $49	5 857	4 311	41	16	1 489	917	514	54	3
$50 to $74	5 298	3 821	26	19	1 432	1 014	400	14	4
$75 to $99	3 118	2 220	10	9	879	648	208	24	–
$100 to $149	2 600	1 801	8	6	786	607	152	27	–
$150 to $199	806	577	–	–	228	183	29	17	–
$200 or more	415	279	–	2	134	105	18	11	–
Median	**62**	**61**	**45**	**63**	**65**	**68**	**56**	**72**	**...**
Included in rent, other fee, or obtained free	1 848	1 411	53	4	380	241	70	33	37
Monthly Cost Paid for Piped Gas									
Piped gas used	9 327	7 769	93	33	1 432	956	413	48	15
Less than $25	1 770	1 316	15	2	436	284	140	11	–
$25 to $49	3 824	3 202	15	11	596	387	189	20	–
$50 to $74	1 821	1 621	15	9	176	132	44	–	–
$75 to $99	478	419	9	6	44	41	2	1	–
$100 to $149	218	195	–	1	22	14	6	–	2
$150 to $199	51	49	–	–	2	2	–	–	–
$200 or more	48	42	–	–	6	4	1	–	–
Median	**40**	**41**	**45**	**...**	**34**	**35**	**32**	**...**	**...**
Included in rent, other fee, or obtained free	1 118	925	39	4	150	91	31	15	13

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	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	2 977	2 548	28	11	391	253	88	45	5
Less than $25	372	314	4	–	54	31	23	–	–
$25 to $49	922	780	3	1	137	80	47	6	5
$50 to $74	807	694	9	2	102	85	14	3	–
$75 to $99	379	342	3	2	31	23	4	3	–
$100 to $149	225	198	2	2	22	15	–	8	–
$150 to $199	68	65	–	1	2	2	–	–	–
$200 or more	34	27	–	1	5	5	–	–	–
Median	**53**	**54**	**...**	**...**	**47**	**53**	**36**	**...**	**...**
Included in rent, other fee, or obtained free	170	126	7	–	37	11	–	26	–
Property Insurance									
Property insurance paid	15 820	11 850	45	49	3 875	3 062	700	106	8
Median per month	**27**	**26**	**...**	**...**	**28**	**30**	**19**	**28**	**...**
Monthly Costs Paid for Selected Utilities and Fuels									
Water paid separately	9 845	7 552	40	41	2 211	1 660	491	55	5
Median	**21**	**21**	**...**	**...**	**20**	**20**	**18**	**18**	**...**
Trash paid separately	9 224	7 073	53	40	2 059	1 561	457	41	–
Median	**10-**	**10-**	**11**	**...**	**12**	**13**	**10-**	**...**	**...**
Bottled gas paid separately	4 099	2 567	16	7	1 509	889	573	44	3
Median	**49**	**49**	**...**	**...**	**50**	**52**	**45**	**...**	**...**
Other fuel paid separately	4 029	2 917	23	14	1 076	668	391	16	–
Median	**18**	**17**	**...**	**...**	**19**	**16**	**25**	**...**	**...**
OWNER OCCUPIED UNITS									
Total	**15 820**	**11 555**	**30**	**48**	**4 188**	**3 051**	**1 034**	**99**	**4**
Cost and Ownership Sharing									
Ownership shared by person not living here	554	409	–	2	143	54	79	10	–
Costs shared by person not living here	65	41	–	2	22	5	11	6	–
Costs not shared	490	368	–	–	122	49	69	4	–
Cost sharing not reported	–	–	–	–	–	–	–	–	–
Ownership not shared	15 115	11 042	30	46	3 997	2 957	951	89	–
Costs shared by person not living here	67	60	–	–	7	7	–	–	–
Costs not shared	15 009	10 949	30	46	3 985	2 945	951	89	–
Cost sharing not reported	39	34	–	–	6	6	–	–	–
Ownership sharing not reported	151	103	–	–	48	40	3	–	4
Monthly Payment for Principal and Interest									
Less than $100	155	138	–	–	17	9	7	–	–
$100 to $199	934	663	–	1	270	168	100	3	–
$200 to $249	725	504	2	1	217	190	27	–	–
$250 to $299	755	532	2	2	218	173	42	3	–
$300 to $349	671	471	–	4	196	188	5	3	–
$350 to $399	575	443	4	–	127	104	23	–	–
$400 to $449	508	343	–	2	164	154	10	–	–
$450 to $499	383	255	–	3	125	110	4	10	–
$500 to $599	586	420	7	2	157	146	9	2	–
$600 to $699	389	227	2	5	155	146	6	4	–
$700 to $799	192	131	–	2	59	53	–	6	–
$800 to $999	225	120	–	3	102	99	3	–	–
$1,000 to $1,249	121	63	–	1	57	57	–	–	–
$1,250 to $1,499	54	26	–	–	29	29	–	–	–
$1,500 or more	72	42	–	–	31	31	–	–	–
Not reported	975	689	–	3	282	240	34	9	–
Median	**345**	**337**	**...**	**...**	**367**	**398**	**220**	**...**	**...**
Average Monthly Cost Paid for Real Estate Taxes									
Less than $25	5 005	3 173	2	4	1 826	1 000	777	44	4
$25 to $49	3 773	2 968	2	12	791	599	165	27	–
$50 to $74	2 221	1 778	–	8	435	397	36	2	–
$75 to $99	1 455	1 196	2	5	252	241	6	6	–
$100 to $149	1 838	1 367	9	11	450	419	24	7	–
$150 to $199	753	541	7	1	203	185	8	10	–
$200 or more	776	531	7	6	231	210	18	3	–
Median	**44**	**47**	**...**	**...**	**33**	**47**	**25-**	**30**	**...**
Annual Taxes Paid Per $1,000 Value									
Less than $5	3 323	2 325	–	6	992	666	281	41	4
$5 to $9	4 456	3 285	9	9	1 152	914	208	31	–
$10 to $14	2 990	2 231	–	10	748	632	110	6	–
$15 to $19	1 894	1 425	7	8	454	372	72	10	–
$20 to $24	1 123	881	2	6	234	169	54	10	–
$25 or more	2 035	1 406	12	8	608	298	309	1	–
Median	**10**	**10**	**...**	**...**	**10**	**10**	**11**	**6**	**...**
Routine Maintenance in Last Year									
Less than $25 per month	11 974	8 528	23	21	3 402	2 422	899	81	–
$25 to $49	2 140	1 719	4	17	400	328	67	5	–
$50 to $74	433	340	–	3	90	69	14	8	–
$75 to $99	365	281	–	2	82	66	16	–	–
$100 to $149	179	119	–	–	61	51	3	6	–
$150 to $199	124	92	–	2	31	22	9	–	–
$200 or more per month	186	134	–	2	51	47	4	–	–
Not reported	418	344	2	2	71	46	21	–	4
Median	**25-**	**25-**	**...**	**...**	**25-**	**25-**	**25-**	**25-**	**...**

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	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	82	35	–	–	46	46	–	–	–
Less than $25 per month	3	–	–	–	3	3	–	–	–
$25 to $49	2	–	–	–	2	2	–	–	–
$50 to $74	34	20	–	–	13	13	–	–	–
$75 to $99	27	3	–	–	23	23	–	–	–
$100 to $149	5	3	–	–	2	2	–	–	–
$150 to $199	–	–	–	–	–	–	–	–	–
$200 or more per month	4	4	–	–	–	–	–	–	–
Not reported	7	5	–	–	3	3	–	–	–
Median	**74**	...	...	...	...	...	...	...	...
Other Housing Costs Per Month									
Homeowner association fee paid	72	31	–	–	41	41	–	–	–
Median	**73**	...	...	...	...	...	...	...	...
Mobile home park fee paid	37	8	–	–	30	21	9	–	–
Median	...	...	...	...	...	...	...	...	...
Land rent fee paid	19	8	–	–	11	11	–	–	–
Median	...	...	...	...	...	...	...	...	...

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**15 820**	**11 555**	**30**	**48**	**4 188**	**3 051**	**1 034**	**99**	**4**
Value									
Less than $10,000	492	260	–	–	232	47	181	4	–
$10,000 to $19,999	848	525	2	–	319	152	167	–	–
$20,000 to $29,999	955	764	8	3	179	80	98	1	–
$30,000 to $39,999	1 145	1 015	3	2	125	98	27	–	–
$40,000 to $49,999	1 553	1 423	6	1	123	89	24	10	–
$50,000 to $59,999	1 315	1 203	5	4	102	67	32	3	–
$60,000 to $69,999	1 419	1 317	2	4	96	88	8	–	–
$70,000 to $79,999	1 369	1 245	7	6	111	104	3	4	–
$80,000 to $99,999	2 032	1 791	7	8	226	216	10	–	–
$100,000 to $119,999	1 342	1 158	–	1	183	176	6	–	1
$120,000 to $149,999	1 323	1 107	5	6	206	206	–	–	–
$150,000 to $199,999	1 497	1 303	–	4	189	183	3	3	–
$200,000 to $249,999	656	577	5	6	68	64	–	4	–
$250,000 to $299,999	421	352	–	1	68	61	8	–	–
$300,000 or more	658	572	5	1	80	80	–	–	–
Median	**75 742**	**76 411**	**71 739**	**...**	**67 654**	**92 105**	**16 153**	**...**	**...**
Value-Income Ratio									
Less than 1.5	6 310	4 163	9	18	2 120	1 295	796	29	–
1.5 to 1.9	1 999	1 457	2	4	535	436	78	21	–
2.0 to 2.4	1 656	1 262	–	4	389	347	42	–	–
2.5 to 2.9	1 009	806	3	8	192	164	25	4	–
3.0 to 3.9	1 426	1 091	7	5	323	287	7	29	–
4.0 to 4.9	881	704	2	1	175	162	13	–	–
5.0 or more	2 329	1 932	6	7	384	322	44	14	4
Zero or negative income	211	139	–	1	71	38	29	3	–
Median	**1.9**	**2.0**	**...**	**...**	**1.5-**	**1.7**	**1.5-**	**2.0**	**...**
Other Activities on Property[1]									
Commercial establishment	384	275	5	1	104	57	33	14	–
Medical or dental office	14	12	–	–	2	2	–	–	–
Neither	15 430	11 275	25	46	4 085	2 994	1 001	85	4
Year Unit Acquired									
1990 to 1994	3 319	1 640	2	12	1 665	1 384	258	24	–
1985 to 1989	3 151	1 791	6	14	1 340	1 035	286	19	–
1980 to 1984	1 940	1 122	3	4	812	611	186	15	–
1975 to 1979	2 096	1 923	4	2	166	–	141	25	–
1970 to 1974	1 548	1 434	2	3	109	–	101	8	–
1960 to 1969	1 748	1 687	4	6	52	–	48	4	–
1950 to 1959	1 053	1 039	7	4	3	–	–	3	–
1940 to 1949	511	507	–	4	–	–	–	–	–
1939 or earlier	186	186	–	–	–	–	–	–	–
Not reported	268	226	–	–	41	22	13	2	4
Median	**1978**	**1975**	**...**	**...**	**1985**	**1986**	**1982**	**1980**	**...**
First Time Owners									
First home ever owned	6 782	5 359	14	19	1 390	883	479	28	–
Not first home	8 829	6 038	15	29	2 747	2 131	545	71	–
Not reported	209	158	–	–	51	36	10	–	4
Purchase Price									
Home purchased or built	14 890	10 733	25	47	4 086	3 023	975	87	–
Less than $10,000	2 371	1 730	2	4	635	110	513	12	–
$10,000 to $19,999	2 696	1 989	4	6	697	454	236	6	–
$20,000 to $29,999	1 695	1 344	–	4	347	296	51	–	–
$30,000 to $39,999	1 587	1 224	7	7	349	307	30	12	–
$40,000 to $49,999	1 287	968	5	6	308	269	26	13	–
$50,000 to $59,999	820	657	–	2	161	153	–	8	–
$60,000 to $69,999	634	438	–	6	190	179	3	8	–
$70,000 to $79,999	462	303	2	6	151	143	–	8	–
$80,000 to $99,999	626	326	2	2	296	293	–	3	–
$100,000 to $119,999	253	121	–	–	132	132	–	–	–
$120,000 to $149,999	278	123	2	–	153	153	–	–	–
$150,000 to $199,999	220	77	–	1	142	137	4	–	–
$200,000 to $249,999	48	11	–	–	36	36	–	–	–
$250,000 to $299,999	25	10	–	–	14	14	–	–	–
$300,000 or more	38	8	–	–	30	30	–	–	–
Not reported	1 850	1 404	–	2	444	315	112	18	–
Median	**28 572**	**27 036**	**...**	**...**	**34 072**	**46 929**	**10000-**	**43 608**	**...**
Received as inheritance or gift	662	595	5	1	61	6	46	10	–
Not reported	268	226	–	–	41	22	13	2	4
Major Source of Down Payment									
Home purchased or built	14 890	10 733	25	47	4 086	3 023	975	87	–
Sale of previous home	3 874	2 690	11	13	1 160	1 013	113	34	–
Savings or cash on hand	6 424	4 600	9	27	1 788	1 260	515	14	–
Sale of other investment	142	106	–	–	36	32	4	–	–
Borrowing, other than mortgage on this property	797	627	2	2	166	95	67	3	–
Inheritance or gift	297	252	2	2	41	30	12	–	–
Land where building built used for financing	147	100	–	–	47	44	3	–	–
Other	734	554	–	–	181	123	53	4	–
No down payment	2 139	1 562	–	3	574	363	183	28	–
Not reported	334	243	–	–	92	63	24	4	–

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

SECTION A. **1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**15 820**	**11 555**	**30**	**48**	**4 188**	**3 051**	**1 034**	**99**	**4**
Mortgages Currently on Property									
None, owned free and clear	8 500	6 488	12	17	1 983	1 155	764	59	4
With mortgage or land contract	7 320	5 066	18	30	2 206	1 896	270	40	–
One mortgage or land contract	6 629	4 543	18	27	2 041	1 755	252	34	–
Two mortgages	578	441	–	3	134	112	16	6	–
Three or more mortgages	8	8	–	–	–	–	–	–	–
Number of mortgages not reported	105	74	–	–	31	28	2	–	–
OWNERS WITH ONE OR MORE MORTGAGES									
Total	**7 320**	**5 066**	**18**	**30**	**2 206**	**1 896**	**270**	**40**	**–**
Type of Primary Mortgage									
FHA	579	460	–	1	118	110	4	3	–
VA	344	281	–	3	60	57	4	–	–
Farmers Home Administration	243	183	2	–	58	58	–	–	–
Other types	5 887	3 968	15	25	1 879	1 591	251	37	–
Don't know	98	58	–	1	38	31	7	–	–
Not reported	169	117	–	–	52	48	4	–	–
Lower Cost State and Local Mortgages									
State or local program used	722	560	2	2	157	139	18	–	–
Not used	6 418	4 368	15	28	2 007	1 725	241	40	–
Not reported	180	139	–	–	41	31	10	–	–
Mortgage Origination									
Placed new mortgage(s)	6 436	4 405	15	26	1 990	1 711	245	34	–
Primary obtained when property acquired	4 584	2 944	4	15	1 621	1 400	194	28	–
Obtained later	1 815	1 439	11	11	354	299	49	6	–
Date not reported	37	22	–	–	14	13	2	–	–
Assumed	285	200	2	1	82	70	12	–	–
Wrap-around	6	6	–	–	–	–	–	–	–
Combination of the above	476	372	–	3	101	83	11	6	–
Origin not reported	118	85	–	–	33	31	2	–	–
Payment Plan of Primary Mortgage									
Fixed payment, self amortizing	5 362	3 711	13	22	1 616	1 415	170	32	–
Adjustable rate mortgage	708	491	2	2	212	212	–	–	–
Adjustable term mortgage	23	15	–	–	8	2	3	3	–
Graduated payment mortgage	33	24	–	–	9	9	–	–	–
Balloon	94	63	–	1	30	30	–	–	–
Other	110	83	–	–	27	24	–	3	–
Combination of the above	51	33	–	–	17	14	3	–	–
Not reported	939	646	2	5	286	190	94	3	–
Payment Plan of Secondary Mortgage									
Units with two or more mortgages	586	449	–	3	134	112	16	6	–
Fixed payment, self amortizing	277	204	–	2	70	56	8	6	–
Adjustable rate mortgage	47	38	–	–	9	9	–	–	–
Adjustable term mortgage	11	9	–	–	2	2	–	–	–
Graduated payment mortgage	–	–	–	–	–	–	–	–	–
Balloon	8	8	–	–	–	–	–	–	–
Other	5	–	–	–	5	5	–	–	–
Combination of the above	19	15	–	–	5	5	–	–	–
Not reported	219	176	–	1	42	34	8	–	–
Lenders of Primary and Secondary Mortgages									
Only borrowed from firm(s)	6 437	4 429	18	22	1 968	1 732	209	28	–
Only borrowed from seller	360	253	–	4	103	45	50	8	–
Only borrowed from other individual(s)	133	96	–	1	36	26	5	5	–
Borrowed from a firm and seller	49	32	–	–	16	14	2	–	–
Borrowed from a firm and other individual	9	9	–	–	–	–	–	–	–
Borrowed from seller and other individual	7	5	–	2	–	–	–	–	–
One or both sources not reported	326	243	–	1	82	78	4	–	–
Items Included in Primary Mortgage Payment[1]									
Principal and interest only	4 349	2 863	13	12	1 460	1 220	206	34	–
Property taxes	2 526	1 918	4	17	587	538	43	6	–
Property insurance	2 397	1 788	4	17	588	529	53	6	–
Other	194	146	2	–	45	45	–	–	–
Not reported	212	155	–	–	57	53	4	–	–
Year Primary Mortgage Originated									
1990 to 1994	3 367	2 045	13	11	1 298	1 152	132	14	–
1985 to 1989	1 785	1 181	2	11	592	499	77	15	–
1980 to 1984	752	521	–	4	227	196	28	3	–
1975 to 1979	796	773	–	–	23	–	18	5	–
1970 to 1974	274	274	–	–	–	–	–	–	–
1960 to 1969	101	100	–	1	–	–	–	–	–
1950 to 1959	10	6	2	2	–	–	–	–	–
1949 or earlier	7	5	–	2	–	–	–	–	–
Not reported	228	162	–	–	66	49	15	2	–
Median	**1984**	**1983**	**...**	**...**	**1986**	**1986**	**1986**	**...**	**...**

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	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	294	143	–	–	151	64	88	–	–
8 to 12 years	447	226	–	1	220	190	25	5	–
13 to 17 years	991	496	2	4	489	439	36	14	–
18 to 22 years	707	528	2	4	172	166	6	–	–
23 to 27 years	339	286	–	–	53	50	3	–	–
28 to 32 years	1 898	1 359	2	8	529	514	12	3	–
33 years or more	207	169	–	–	38	35	–	3	–
Variable	108	84	–	1	24	18	3	3	–
Not reported	2 328	1 774	11	13	529	420	97	13	–
Median	**23**	**27**	**...**	**...**	**18**	**19**	**8-**	**...**	**...**
Remaining Years Mortgaged									
Less than 8 years	1 474	1 000	2	4	468	317	149	3	–
8 to 12	1 216	823	4	7	381	333	38	10	–
13 to 17	1 364	1 006	4	2	352	323	16	13	–
18 to 22	594	397	–	5	193	183	6	3	–
23 to 27	752	513	–	4	234	225	3	6	–
28 to 32	844	501	4	2	337	337	–	–	–
33 years or more	16	5	–	–	11	11	–	–	–
Variable	177	136	–	1	40	34	3	3	–
Not reported	883	685	2	6	189	133	55	2	–
Median	**15**	**14**	**...**	**...**	**15**	**16**	**8-**	**...**	**...**
Current Interest Rate									
Less than 6 percent	140	88	–	–	52	52	–	–	–
6 to 7.9	808	553	2	1	252	250	2	–	–
8 to 9.9	1 448	1 054	2	5	386	366	15	5	–
10 to 11.9	562	363	2	5	192	162	27	3	–
12 to 13.9	185	61	–	1	122	106	16	–	–
14 to 15.9	47	17	–	–	30	27	3	–	–
16 to 17.9	41	7	–	–	35	25	10	–	–
18 to 19.9	13	3	–	–	11	11	–	–	–
20 percent or more	2	–	–	–	2	2	–	–	–
Not reported	4 075	2 921	11	18	1 125	897	196	32	–
Median	**8.4**	**8.3**	**...**	**...**	**8.7**	**8.6**	**11.0**	**...**	**...**
Total Outstanding Principal Amount									
Less than $10,000	490	380	2	3	104	71	34	–	–
$10,000 to $19,999	601	389	–	2	210	186	24	–	–
$20,000 to $29,999	524	384	2	1	136	127	10	–	–
$30,000 to $39,999	460	334	–	2	124	121	3	–	–
$40,000 to $49,999	340	248	2	–	90	84	–	6	–
$50,000 to $59,999	240	151	–	2	87	87	–	–	–
$60,000 to $69,999	198	108	–	–	90	87	–	3	–
$70,000 to $79,999	125	61	–	–	64	64	–	–	–
$80,000 to $99,999	118	49	–	–	69	69	–	–	–
$100,000 to $119,999	37	12	–	1	24	24	–	–	–
$120,000 to $149,999	58	13	–	–	44	44	–	–	–
$150,000 to $199,999	29	10	–	–	18	15	3	–	–
$200,000 to $249,999	8	–	–	–	8	8	–	–	–
$250,000 to $299,999	3	–	–	–	3	3	–	–	–
$300,000 or more	14	5	–	–	9	9	–	–	–
Not reported	4 075	2 921	11	18	1 125	897	196	32	–
Median	**30 162**	**27 904**	**...**	**...**	**37 247**	**39 609**	**11 339**	**...**	**...**
Current Total Loan as Percent of Value									
Less than 20 percent	488	426	2	4	57	49	7	–	–
20 to 39	490	377	4	2	107	91	15	–	–
40 to 59	708	471	–	1	236	216	16	3	–
60 to 79	798	525	–	4	269	257	8	5	–
80 to 89	310	143	–	–	167	160	7	–	–
90 to 99	255	110	–	–	145	139	5	–	–
100 percent or more	196	94	–	1	101	86	16	–	–
Not reported	4 075	2 921	11	18	1 125	897	196	32	–
Median	**58.2**	**51.5**	**...**	**...**	**70.5**	**71.1**	**58.0**	**...**	**...**

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

SECTION A. 1993 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, 1993	Same units, 1980 and 1993	Units changed by--		Units added through--				
							Other sources		
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
Total	**15 820**	**11 555**	**30**	**48**	**4 188**	**3 051**	**1 034**	**99**	**4**
Repairs, Improvements, Alterations in Last 2 Years									
Roof replaced (all or part)	2 229	1 942	4	17	266	143	104	19	–
Mostly done by household	738	628	2	1	107	51	53	3	–
Mostly done by others	1 449	1 290	2	16	140	90	41	10	–
Workers not reported	42	23	–	–	18	2	10	6	–
Costing $500 or more	1 489	1 338	2	14	134	69	55	10	–
Costing less than $500	447	359	2	3	83	43	37	3	–
Cost not reported	294	244	–	–	49	31	12	6	–
Roof replacement not reported	134	114	–	–	20	13	3	–	4
Additions built	674	482	–	1	192	142	46	4	–
Mostly done by household	331	232	–	–	99	63	36	–	–
Mostly done by others	342	250	–	–	92	79	10	4	–
Workers not reported	1	–	–	1	–	–	–	–	–
Costing $500 or more	539	385	–	1	153	125	24	4	–
Costing less than $500	41	34	–	–	7	3	4	–	–
Cost not reported	95	63	–	–	31	14	17	–	–
Additions not reported	124	101	–	–	23	15	3	–	4
Kitchen remodeled or added	1 042	827	4	8	202	108	74	20	–
Mostly done by household	637	491	2	3	141	70	63	8	–
Mostly done by others	400	332	2	5	61	38	11	12	–
Workers not reported	5	5	–	–	–	–	–	–	–
Costing $500 or more	654	525	4	6	119	76	28	14	–
Costing less than $500	265	196	–	1	69	24	38	6	–
Cost not reported	123	107	–	1	15	8	7	–	–
Kitchen remodeled or added not reported	123	97	–	–	26	18	3	–	4
Bathroom remodeled or added	1 311	1 077	–	10	224	128	84	12	–
Mostly done by household	770	617	–	6	146	74	72	–	–
Mostly done by others	522	444	–	4	74	53	9	12	–
Workers not reported	19	15	–	–	3	–	3	–	–
Costing $500 or more	696	600	–	3	93	67	20	6	–
Costing less than $500	471	365	–	6	99	41	52	6	–
Cost not reported	144	111	–	1	31	19	12	–	–
Bathroom remodeled or added not reported	119	93	–	–	26	18	3	–	4
Siding replaced or added	871	726	–	5	141	108	33	–	–
Mostly done by household	311	259	–	2	50	39	11	–	–
Mostly done by others	541	456	–	3	82	63	19	–	–
Workers not reported	20	11	–	–	9	6	3	–	–
Costing $500 or more	537	460	–	3	74	58	15	–	–
Costing less than $500	199	152	–	1	45	33	12	–	–
Cost not reported	136	113	–	1	22	17	5	–	–
Siding replaced or added not reported	117	96	–	–	20	13	3	–	4
Storm doors/windows bought and installed	1 820	1 529	2	13	276	169	86	21	–
Mostly done by household	953	796	–	8	149	85	50	15	–
Mostly done by others	836	702	2	5	127	85	36	6	–
Workers not reported	31	31	–	–	–	–	–	–	–
Costing $500 or more	596	526	–	4	66	47	15	4	–
Costing less than $500	1 034	826	2	7	198	112	69	18	–
Cost not reported	191	177	–	2	12	10	2	–	–
Storm doors/windows bought and installed not reported	122	96	–	–	26	18	3	–	4
Major equipment replaced or added	1 257	1 063	–	5	189	117	49	23	–
Mostly done by household	270	213	–	1	57	29	22	6	–
Mostly done by others	967	835	–	4	128	86	25	17	–
Workers not reported	20	16	–	–	4	2	2	–	–
Costing $500 or more	966	836	–	4	125	76	33	17	–
Costing less than $500	191	139	–	1	51	31	14	6	–
Cost not reported	100	88	–	–	12	10	2	–	–
Major equipment replaced or added not reported	127	98	–	–	29	21	3	–	4
Insulation added	876	718	2	9	146	94	38	15	–
Mostly done by household	471	377	2	7	85	58	14	12	–
Mostly done by others	371	315	–	2	54	33	19	3	–
Workers not reported	34	26	–	–	8	3	5	–	–
Costing $500 or more	220	185	–	–	35	27	5	3	–
Costing less than $500	453	348	2	7	96	64	20	12	–
Cost not reported	202	185	–	2	15	2	13	–	–
Insulation added not reported	161	133	–	–	28	15	8	–	4
Other major work[1]	2 336	1 788	4	20	524	372	130	21	–
Mostly done by household	979	717	2	9	251	155	81	15	–
Mostly done by others	1 280	1 010	2	11	258	210	41	6	–
Workers not reported	77	61	–	–	15	7	9	–	–
Other major work not reported	137	112	–	–	25	17	3	–	4
Government Subsidy for Repairs									
Units with major repairs the last 2 years	6 931	5 591	11	36	1 293	860	390	44	–
Received low-interest loan or grant	147	114	–	–	33	8	19	6	–
No low-interest loan or grant	6 620	5 351	11	35	1 223	831	355	38	–
Not reported	165	126	–	1	37	21	16	–	–

[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—U.S. Total

[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 1993	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	**89 272**	**79 168**	**463**	**808**	**8 833**	**3 305**	**3 643**	**712**	**786**	**387**
Occupancy Status										
Vacant and seasonals	8 369	6 051	30	82	2 206	807	900	147	216	136
Occupied	80 903	73 117	432	726	6 627	2 498	2 744	566	570	250
Tenure										
Owner occupied	53 003	48 968	287	235	3 513	1 059	2 001	205	176	71
Percent of all occupied	65.5	67.0	66.5	32.3	53.0	42.4	72.9	36.3	30.9	28.4
Renter occupied	27 900	24 149	145	492	3 114	1 439	742	360	394	179
Units in Structure										
1, detached	55 586	51 710	223	120	3 533	1 969	705	328	407	124
1, attached	3 702	3 462	31	17	191	95	11	38	34	13
2 to 4	9 696	8 214	176	453	853	461	59	169	134	30
5 to 9	3 808	3 350	16	70	373	207	16	60	56	33
10 to 19	3 980	3 625	4	42	311	159	24	32	46	50
20 to 49	3 070	2 807	10	44	208	104	7	20	34	45
50 or more	4 524	4 235	3	61	226	74	9	35	35	73
Mobile home or trailer (with no permanent room attached)	4 906	1 764	–	3	3 139	237	2 812	30	40	19
Condominiums										
Number of condominiums	2 475	2 431	3	8	34	6	3	4	7	14
Year Structure Built										
1979 to March 1980	3 017	2 678	1	20	317	67	211	10	23	7
1975 to 1978	8 824	7 804	14	23	982	173	738	33	19	20
1970 to 1974	11 385	9 958	20	14	1 393	211	1 065	41	45	31
1960 to 1969	17 635	16 055	42	74	1 463	352	862	79	85	86
1950 to 1959	15 582	14 216	77	115	1 175	535	330	134	110	66
1940 to 1949	9 926	8 764	58	113	991	546	163	90	139	53
1939 or earlier	22 903	19 693	250	448	2 511	1 422	274	326	365	124
Median	**1957**	**1957**	**1940**	**1940**	**1956**	**1944**	**1971**	**1943**	**1941**	**1952**
Duration of Vacancy										
Vacant units	6 230	4 511	24	60	1 635	671	588	132	182	62
Less than 1 month vacant	921	714	2	9	196	62	88	8	16	23
1 month up to 2 months	1 147	918	4	8	217	83	96	25	6	6
2 months up to 6 months	1 938	1 477	5	22	434	145	210	32	30	17
6 months up to 1 year	1 118	801	6	9	302	119	105	34	37	7
1 year up to 2 years	519	314	4	8	194	106	39	13	33	2
2 years or more	588	289	3	4	293	155	51	21	60	6
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	66 861	60 823	370	683	4 985	2 073	1 741	477	449	245
In central cities	29 336	26 678	170	430	2 058	1 108	231	253	313	153
Suburbs	37 525	34 145	200	253	2 927	965	1 510	223	137	92
Outside metropolitan statistical areas	22 411	18 345	92	125	3 848	1 232	1 902	236	337	141
Regions										
Northeast	19 098	17 553	179	287	1 080	421	326	138	109	86
Midwest	23 164	20 790	124	237	2 013	864	686	187	221	55
South	29 560	25 064	72	181	4 242	1 495	1 924	276	384	164
West	17 450	15 760	88	103	1 499	525	708	112	73	81
Urbanized Areas										
Inside urbanized areas	55 112	50 845	306	602	3 359	1 623	791	357	375	214
In central cities of (P)MSA's	28 941	26 308	169	430	2 034	1 101	225	248	307	153
Urban fringe	26 171	24 538	136	172	1 325	522	566	109	68	60
Outside urbanized areas	34 159	28 322	157	206	5 474	1 682	2 853	355	411	173
Other urban	11 219	9 835	70	112	1 201	464	461	148	54	74
Rural	22 941	18 488	86	94	4 273	1 218	2 391	207	357	99
Place Size[1]										
Less than 2,500 persons	5 114	4 378	35	49	652	264	265	54	47	23
2,500 to 9,999 persons	9 351	8 316	72	81	883	285	400	105	35	57
10,000 to 19,999 persons	8 375	7 697	35	73	570	261	181	75	23	29
20,000 to 49,999 persons	12 004	11 146	84	102	671	339	194	57	50	32
50,000 to 99,999 persons	7 930	7 410	36	50	434	222	95	49	41	28
100,000 to 249,999 persons	6 968	6 446	30	73	419	227	75	35	44	38
250,000 to 499,999 persons	5 057	4 589	19	81	368	198	34	51	65	19
500,000 to 999,999 persons	4 402	4 015	38	86	262	130	28	43	47	14
1,000,000 persons or more	7 012	6 271	40	144	557	316	12	70	107	52

[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—U.S. Total**

[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 1993	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	**89 272**	**79 168**	**463**	**808**	**8 833**	**3 305**	**3 643**	**712**	**786**	**387**
Stories in Structure										
1 to 3	84 903	75 141	456	745	8 561	3 218	3 643	658	734	308
4 to 6	2 383	2 172	4	25	182	67	–	39	42	35
7 or more	1 986	1 855	3	37	91	20	–	16	11	44
Rooms										
1 room	1 465	1 009	14	54	387	160	69	38	30	90
2 rooms	3 063	2 461	16	76	510	182	163	59	57	50
3 rooms	8 891	7 320	34	169	1 368	536	485	139	151	56
4 rooms	17 187	14 183	57	212	2 735	854	1 447	158	228	48
5 rooms	20 526	18 321	75	126	2 004	706	959	133	148	59
6 rooms	17 785	16 535	93	91	1 065	507	349	90	92	26
7 rooms	10 414	9 923	64	41	386	185	101	49	31	20
8 rooms	5 532	5 239	40	25	228	99	53	26	29	22
9 rooms or more	4 410	4 176	70	14	150	75	17	19	20	18
Median	**5.2**	**5.3**	**5.9**	**4.0**	**4.3**	**4.4**	**4.3**	**4.3**	**4.2**	**3.5**
Bedrooms										
None	1 885	1 387	15	59	424	168	72	47	38	98
1	13 190	11 027	65	320	1 779	769	512	223	189	86
2	28 932	24 539	108	256	4 029	1 286	2 044	261	336	102
3	33 400	31 040	135	134	2 091	850	917	123	138	63
4 or more	11 864	11 175	140	39	511	231	99	59	84	38
Median	**2.5**	**2.6**	**2.8**	**1.6**	**2.0**	**2.1**	**2.1**	**1.8**	**2.0**	**1.6**
Complete Bathrooms										
None	3 173	2 012	26	67	1 067	524	243	70	196	35
1	51 584	44 730	235	568	6 050	2 322	2 430	501	517	279
1 and one-half	13 007	12 172	52	68	715	205	420	45	23	22
2 or more	21 508	20 253	149	104	1 002	254	551	96	50	51

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—U.S. Total

[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 1993	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	**89 272**	**79 168**	**463**	**808**	**8 833**	**3 305**	**3 643**	**712**	**786**	**387**
Kitchen										
With complete kitchen facilities	86 902	77 697	449	762	7 993	2 959	3 468	655	610	302
Air Conditioning										
With air conditioning	48 880	44 628	188	337	3 727	1 098	1 913	296	213	208
Central	24 364	22 777	38	89	1 460	300	885	109	73	93
1 room unit	16 740	14 671	91	211	1 768	617	838	123	101	89
2 room units or more	7 776	7 180	59	37	500	181	189	64	39	26
None	40 392	34 540	275	471	5 106	2 207	1 731	416	573	179
Main Heating Equipment										
Warm-air furnace	43 557	39 401	168	287	3 701	988	2 182	229	190	112
Steam or hot water system	15 014	13 675	151	291	897	431	52	170	122	122
Electric heat pump	3 265	3 023	8	7	226	42	131	18	3	32
Built-in electric units	7 167	6 546	21	48	552	171	234	61	28	58
Floor, wall or pipeless furnace	5 347	4 765	32	45	504	222	181	39	45	17
Room heaters with flue	6 534	5 306	34	75	1 119	538	338	103	119	20
Room heaters without flue	3 049	2 354	13	30	652	347	163	44	95	4
Portable heaters, fireplaces, stoves	4 457	3 485	26	18	928	407	326	39	143	13
None	882	612	9	7	254	159	36	10	40	9
Plumbing										
Complete plumbing for exclusive use	86 758	77 621	450	753	7 934	2 864	3 445	650	609	367
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	571	436	3	44	88	39	9	20	11	9
Some, but not all plumbing facilities	1 009	637	5	3	364	209	84	17	53	–
No plumbing facilities	934	473	5	8	448	194	105	25	113	12
Source of Water										
Public system or private company	74 671	67 394	412	767	6 097	2 498	2 160	571	536	333
Well serving 1 to 5 units	13 266	10 778	40	38	2 411	698	1 327	129	213	44
Drilled	11 411	9 388	30	35	1 957	528	1 137	104	153	36
Dug	1 856	1 390	9	3	453	170	190	25	60	8
Other	1 335	996	11	3	325	109	156	13	37	11

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 1993	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	**29 336**	**26 678**	**170**	**430**	**2 058**	**1 108**	**231**	**253**	**313**	**153**
Occupancy Status										
Vacant and seasonals	1 926	1 427	17	41	441	279	29	54	53	26
Occupied	27 410	25 252	153	389	1 616	829	202	199	259	128
Tenure										
Owner occupied	13 861	13 201	89	107	463	223	142	47	37	14
Percent of all occupied	50.6	52.3	58.4	27.6	28.6	26.9	70.4	23.8	14.2	10.6
Renter occupied	13 549	12 050	64	282	1 154	605	60	152	222	114
Units in Structure										
1, detached	13 403	12 683	64	53	603	429	34	68	58	15
1, attached	1 944	1 790	21	12	121	65	2	18	28	9
2 to 4	5 078	4 327	71	238	442	252	6	82	85	18
5 to 9	1 903	1 647	4	41	211	106	3	38	44	21
10 to 19	1 940	1 738	4	22	176	103	3	14	36	21
20 to 49	1 736	1 587	5	22	122	73	–	11	29	9
50 or more	2 966	2 753	3	40	170	63	–	22	24	61
Mobile home or trailer (with no permanent room attached)	366	154	–	–	212	19	183	1	10	–
Condominiums										
Number of condominiums	874	869	1	–	4	–	–	–	2	2
Year Structure Built										
1979 to March 1980	722	683	1	6	32	10	17	1	2	2
1975 to 1978	1 769	1 682	7	7	74	12	47	7	2	5
1970 to 1974	2 795	2 637	8	3	146	36	65	9	11	26
1960 to 1969	5 240	4 965	10	38	228	91	49	35	32	20
1950 to 1959	5 267	4 874	16	63	315	188	29	35	49	13
1940 to 1949	4 004	3 569	26	44	365	222	7	47	68	21
1939 or earlier	9 538	8 270	102	268	898	548	17	118	148	67
Median	**1951**	**1952**	**1940**	**1940**	**1943**	**1940**	**1971**	**1942**	**1941**	**1944**
Duration of Vacancy										
Vacant units	1 872	1 387	17	38	429	277	22	54	53	22
Less than 1 month vacant	316	255	2	8	50	28	7	1	7	7
1 month up to 2 months	433	362	3	1	67	44	6	12	3	1
2 months up to 6 months	538	422	4	18	94	56	9	6	17	5
6 months up to 1 year	267	186	1	6	73	49	–	15	5	3
1 year up to 2 years	132	74	4	1	53	34	–	8	9	2
2 years or more	186	88	3	4	91	66	–	10	12	2
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	29 336	26 678	170	430	2 058	1 108	231	253	313	153
In central cities	29 336	26 678	170	430	2 058	1 108	231	253	313	153
Suburbs	...	...	...	...	...	...	...	...	...	...
Outside metropolitan statistical areas	...	...	...	...	...	...	...	...	...	...
Regions										
Northeast	6 601	6 025	67	138	371	182	7	63	76	43
Midwest	7 088	6 335	42	138	573	357	32	55	115	14
South	9 191	8 301	23	111	755	386	132	88	103	47
West	6 455	6 017	38	42	358	183	59	48	20	49
Urbanized Areas										
Inside urbanized areas	28 941	26 308	169	430	2 034	1 101	225	248	307	153
In central cities of (P)MSA's	28 941	26 308	169	430	2 034	1 101	225	248	307	153
Urban fringe	...	...	...	...	...	...	...	...	...	...
Outside urbanized areas	395	371	1	–	23	6	6	5	6	–
Other urban	355	334	1	–	20	6	4	3	6	–
Rural	40	36	–	–	3	–	1	2	–	–
Place Size[1]										
Less than 2,500 persons	–	–	–	–	–	–	–	–	–	–
2,500 to 9,999 persons	–	–	–	–	–	–	–	–	–	–
10,000 to 19,999 persons	123	114	3	–	7	2	3	2	–	–
20,000 to 49,999 persons	2 707	2 486	19	22	181	96	36	20	18	11
50,000 to 99,999 persons	4 132	3 774	24	34	300	161	52	35	31	22
100,000 to 249,999 persons	5 903	5 430	28	63	382	204	66	33	44	36
250,000 to 499,999 persons	5 057	4 589	19	81	368	198	34	51	65	19
500,000 to 999,999 persons	4 402	4 015	38	86	262	130	28	43	47	14
1,000,000 persons or more	7 012	6 271	40	144	557	316	12	70	107	52

[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 1993	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	**29 336**	**26 678**	**170**	**430**	**2 058**	**1 108**	**231**	**253**	**313**	**153**
Stories in Structure										
1 to 3	26 006	23 630	164	385	1 828	1 028	231	210	270	88
4 to 6	1 802	1 632	4	15	151	62	–	27	31	30
7 or more	1 528	1 417	3	30	78	17	–	16	11	35
Rooms										
1 room	793	580	5	26	182	81	4	25	15	58
2 rooms	1 533	1 344	7	40	142	64	7	28	20	22
3 rooms	4 187	3 636	10	105	435	249	37	62	66	21
4 rooms	5 923	5 302	22	104	496	241	92	47	100	15
5 rooms	6 346	5 841	33	58	413	238	56	47	59	13
6 rooms	5 358	5 023	34	56	245	138	33	28	35	11
7 rooms	2 791	2 666	23	24	78	54	2	10	10	3
8 rooms	1 402	1 342	8	9	43	21	–	5	7	10
9 rooms or more	1 003	944	27	8	23	21	–	2	–	–
Median	**4.9**	**4.9**	**5.7**	**3.9**	**4.0**	**4.2**	**4.2**	**3.8**	**4.1**	**2.3**
Bedrooms										
None	1 044	814	5	29	196	83	4	30	17	63
1	6 456	5 624	20	190	622	364	32	99	89	38
2	9 663	8 740	38	122	764	365	145	88	140	25
3	9 184	8 704	61	66	353	226	46	19	44	19
4 or more	2 989	2 796	46	23	124	70	4	17	23	9
Median	**2.2**	**2.3**	**2.9**	**1.5**	**1.8**	**1.8**	**2.1**	**1.5**	**1.9**	**.9**
Complete Bathrooms										
None	759	541	10	27	181	101	2	25	27	26
1	19 227	17 205	92	313	1 617	894	167	193	260	102
1 and one-half	3 671	3 505	18	36	112	63	24	18	5	3
2 or more	5 679	5 427	50	54	147	49	38	18	20	23

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 1993	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	**29 336**	**26 678**	**170**	**430**	**2 058**	**1 108**	**231**	**253**	**313**	**153**
Kitchen										
With complete kitchen facilities	28 680	26 233	168	414	1 865	1 012	225	230	293	106
Air Conditioning										
With air conditioning	16 523	15 486	45	193	799	365	155	119	83	76
Central	7 959	7 605	12	49	293	90	82	38	37	45
1 room unit	5 787	5 284	16	118	369	197	56	54	35	27
2 room units or more	2 777	2 597	17	27	137	78	17	27	11	4
None	12 813	11 192	125	237	1 259	743	75	134	229	77
Main Heating Equipment										
Warm-air furnace	13 484	12 592	63	156	673	330	158	52	97	36
Steam or hot water system	7 071	6 300	51	167	553	282	5	88	99	79
Electric heat pump	869	826	2	–	41	13	12	11	–	5
Built-in electric units	1 877	1 740	3	12	122	51	6	31	16	18
Floor, wall or pipeless furnace	2 006	1 857	12	22	115	73	10	11	13	8
Room heaters with flue	2 213	1 890	18	44	262	156	17	28	57	4
Room heaters without flue	1 003	804	10	22	167	108	17	23	20	–
Portable heaters, fireplaces, stoves	515	435	5	7	68	56	6	5	–	1
None	297	234	6	–	56	39	–	5	10	2
Plumbing										
Complete plumbing for exclusive use	28 803	26 313	163	413	1 915	1 028	231	231	291	134
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	303	230	3	17	53	26	–	11	8	8
Some, but not all plumbing facilities	151	101	3	–	48	31	–	6	11	–
No plumbing facilities	79	35	2	–	42	23	–	5	2	12
Source of Water										
Public system or private company	29 101	26 481	170	426	2 023	1 094	218	250	307	153
Well serving 1 to 5 units	231	194	–	4	33	13	11	3	6	–
Drilled	206	179	–	4	23	9	9	3	2	–
Dug	26	16	–	–	10	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 1993	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	**37 525**	**34 145**	**200**	**253**	**2 927**	**965**	**1 510**	**223**	**137**	**92**
Occupancy Status										
Vacant and seasonals	2 871	2 271	9	32	560	167	314	32	20	27
Occupied	34 654	31 874	191	221	2 367	798	1 196	192	116	64
Tenure										
Owner occupied	25 082	23 401	135	87	1 460	377	914	89	50	30
Percent of all occupied	72.4	73.4	70.4	39.2	61.7	47.2	76.4	46.3	42.9	47.3
Renter occupied	9 572	8 473	57	135	907	422	283	103	66	34
Units in Structure										
1, detached	25 498	24 166	117	59	1 157	657	256	123	80	41
1, attached	1 403	1 346	8	2	47	18	6	13	7	4
2 to 4	3 052	2 684	70	120	178	90	19	41	18	9
5 to 9	1 404	1 315	–	11	78	54	7	6	6	5
10 to 19	1 535	1 450	–	17	68	35	3	11	5	14
20 to 49	1 062	1 001	5	22	34	15	–	6	2	11
50 or more	1 327	1 272	–	20	35	8	5	10	7	4
Mobile home or trailer (with no permanent room attached)	2 244	911	–	2	1 330	89	1 215	12	12	3
Condominiums										
Number of condominiums	1 339	1 321	–	8	11	6	–	–	5	–
Year Structure Built										
1979 to March 1980	1 503	1 375	–	11	117	18	84	5	4	5
1975 to 1978	4 436	4 036	5	10	385	52	309	10	8	5
1970 to 1974	5 629	5 017	10	11	591	86	473	20	12	–
1960 to 1969	8 722	8 115	20	22	564	133	376	18	13	23
1950 to 1959	7 254	6 723	56	35	440	194	146	48	27	25
1940 to 1949	3 558	3 217	26	42	273	157	59	29	18	9
1939 or earlier	6 424	5 663	83	121	558	325	63	92	54	24
Median	**1961**	**1961**	**1947**	**1940**	**1962**	**1949**	**1971**	**1946**	**1946**	**1954**
Duration of Vacancy										
Vacant units	2 185	1 740	5	17	423	115	242	32	20	13
Less than 1 month vacant	345	302	–	1	42	11	23	2	–	5
1 month up to 2 months	476	375	–	7	93	16	66	10	–	2
2 months up to 6 months	679	544	–	3	131	26	88	8	3	6
6 months up to 1 year	391	297	4	1	89	24	48	11	6	–
1 year up to 2 years	174	134	–	5	35	21	7	–	6	–
2 years or more	120	87	–	–	33	18	10	–	5	–
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	37 525	34 145	200	253	2 927	965	1 510	223	137	92
In central cities	...	...	...	...	...	...	...	...	...	...
Suburbs	37 525	34 145	200	253	2 927	965	1 510	223	137	92
Outside metropolitan statistical areas	...	...	...	...	...	...	...	...	...	...
Regions										
Northeast	9 827	9 231	87	124	385	130	170	42	21	22
Midwest	8 657	8 054	45	53	505	183	250	41	25	6
South	11 233	9 665	23	41	1 504	451	807	114	85	48
West	7 809	7 195	44	36	534	201	284	27	6	16
Urbanized Areas										
Inside urbanized areas	25 573	24 026	132	155	1 260	496	540	103	65	57
In central cities of (P)MSA's	...	...	...	...	...	...	...	...	...	...
Urban fringe	25 573	24 026	132	155	1 260	496	540	103	65	57
Outside urbanized areas	11 952	10 119	68	98	1 667	470	970	121	72	35
Other urban	3 064	2 709	21	47	287	97	130	44	6	10
Rural	8 888	7 410	47	51	1 380	373	840	77	66	25
Place Size[1]										
Less than 2,500 persons	1 848	1 612	16	23	197	83	82	18	10	5
2,500 to 9,999 persons	5 842	5 311	43	47	441	143	210	52	18	18
10,000 to 19,999 persons	5 491	5 128	30	53	281	129	101	32	12	7
20,000 to 49,999 persons	7 258	6 893	44	53	268	129	79	29	17	14
50,000 to 99,999 persons	3 799	3 637	12	16	134	61	43	14	10	6
100,000 to 249,999 persons	1 065	1 016	2	10	37	24	9	2	–	2
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 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 1993	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	**37 525**	**34 145**	**200**	**253**	**2 927**	**965**	**1 510**	**223**	**137**	**92**
Stories in Structure										
1 to 3	36 619	33 276	200	239	2 905	962	1 510	212	130	90
4 to 6	518	489	–	7	23	3	–	11	7	2
7 or more	387	380	–	8	–	–	–	–	–	–
Rooms										
1 room	384	277	3	23	80	37	24	8	6	6
2 rooms	958	742	6	31	179	59	74	14	8	22
3 rooms	2 899	2 479	12	33	374	140	167	32	26	9
4 rooms	6 455	5 402	26	62	965	255	621	53	28	9
5 rooms	8 512	7 779	28	44	661	179	407	33	26	16
6 rooms	7 838	7 394	45	21	379	176	144	42	13	5
7 rooms	5 130	4 946	23	16	146	60	46	21	11	8
8 rooms	2 938	2 801	27	16	94	35	24	17	12	5
9 rooms or more	2 410	2 325	29	6	49	25	3	5	5	12
Median	**5.4**	**5.6**	**6.0**	**4.1**	**4.4**	**4.5**	**4.3**	**4.7**	**4.5**	**4.5**
Bedrooms										
None	506	387	4	25	89	40	26	8	6	10
1	4 315	3 676	23	91	526	214	213	57	19	23
2	11 324	9 806	52	72	1 394	384	840	78	64	29
3	15 285	14 440	58	51	736	240	402	58	24	13
4 or more	6 096	5 837	63	13	182	88	31	24	23	17
Median	**2.7**	**2.7**	**2.9**	**1.6**	**2.1**	**2.1**	**2.1**	**2.1**	**2.2**	**1.9**
Complete Bathrooms										
None	777	507	–	29	240	143	55	14	20	8
1	18 506	16 343	100	152	1 911	636	983	141	87	64
1 and one-half	6 425	6 074	20	25	306	71	194	25	12	5
2 or more	11 818	11 221	80	47	470	115	279	44	18	15

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 1993	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	**37 525**	**34 145**	**200**	**253**	**2 927**	**965**	**1 510**	**223**	**137**	**92**
Kitchen										
With complete kitchen facilities	36 911	33 730	197	230	2 754	878	1 467	206	118	85
Air Conditioning										
With air conditioning	22 212	20 555	90	107	1 461	352	909	103	52	46
Central	12 116	11 363	19	32	702	123	475	51	19	33
1 room unit	6 539	5 836	41	68	594	173	356	30	25	10
2 room units or more	3 557	3 355	30	7	165	55	77	22	8	2
None	15 313	13 590	110	146	1 467	614	602	121	85	46
Main Heating Equipment										
Warm-air furnace	20 267	18 646	77	78	1 467	308	1 000	97	29	32
Steam or hot water system	6 152	5 777	76	105	195	89	11	49	18	27
Electric heat pump	1 654	1 550	6	3	95	18	63	6	–	8
Built-in electric units	2 971	2 801	13	17	140	35	81	10	5	8
Floor, wall or pipeless furnace	1 978	1 760	14	17	186	83	84	8	11	–
Room heaters with flue	1 899	1 541	6	22	329	161	118	20	18	12
Room heaters without flue	854	679	–	–	176	94	44	12	22	4
Portable heaters, fireplaces, stoves	1 398	1 118	5	8	267	118	100	20	28	2
None	352	273	2	3	73	59	9	–	5	–
Plumbing										
Complete plumbing for exclusive use	36 939	33 766	200	227	2 746	856	1 466	214	119	92
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	177	145	–	18	14	7	4	3	–	–
Some, but not all plumbing facilities	212	148	–	–	64	35	19	–	10	–
No plumbing facilities	198	86	–	8	104	68	22	6	8	–
Source of Water										
Public system or private company	31 089	28 745	166	231	1 946	669	961	167	79	70
Well serving 1 to 5 units	6 060	5 099	28	22	912	274	512	54	55	18
Drilled	5 353	4 526	25	19	783	234	457	40	39	13
Dug	707	574	2	3	128	39	54	14	16	5
Other	376	300	6	–	70	23	38	2	3	4

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 1993	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	**22 411**	**18 345**	**92**	**125**	**3 848**	**1 232**	**1 902**	**236**	**337**	**141**
Occupancy Status										
Vacant and seasonals	3 572	2 353	5	10	1 205	362	557	61	142	83
Occupied	18 839	15 991	88	116	2 644	871	1 346	175	194	58
Tenure										
Owner occupied	14 060	12 366	63	41	1 590	459	946	69	89	27
Percent of all occupied	74.6	77.3	71.9	35.2	60.2	52.7	70.3	39.6	46.0	46.5
Renter occupied	4 779	3 626	25	75	1 053	411	400	106	105	31
Units in Structure										
1, detached	16 685	14 861	43	8	1 773	884	415	137	270	68
1, attached	355	327	2	3	23	13	3	7	–	–
2 to 4	1 566	1 203	35	95	232	119	34	46	31	3
5 to 9	501	388	11	18	84	47	7	16	6	8
10 to 19	505	436	–	3	66	21	18	7	5	14
20 to 49	272	219	–	–	53	15	7	3	3	24
50 or more	232	211	–	–	21	3	4	3	3	8
Mobile home or trailer (with no permanent room attached)	2 296	699	–	–	1 596	130	1 415	17	19	16
Condominiums										
Number of condominiums	262	241	2	–	18	–	3	4	–	11
Year Structure Built										
1979 to March 1980	792	621	–	3	168	39	110	3	16	–
1975 to 1978	2 619	2 086	2	7	524	108	381	15	9	10
1970 to 1974	2 962	2 304	2	–	656	89	527	11	23	5
1960 to 1969	3 673	2 976	12	14	672	127	437	26	39	42
1950 to 1959	3 061	2 620	5	18	420	153	155	51	34	27
1940 to 1949	2 364	1 979	6	26	353	167	98	13	52	23
1939 or earlier	6 940	5 761	65	58	1 056	548	195	117	163	34
Median	**1955**	**1954**	**1940**	**1941**	**1960**	**1943**	**1970**	**1940**	**1940**	**1955**
Duration of Vacancy										
Vacant units	2 174	1 385	2	5	783	279	324	46	108	26
Less than 1 month vacant	261	157	–	–	104	23	57	4	9	10
1 month up to 2 months	237	180	1	–	56	23	24	3	3	3
2 months up to 6 months	721	510	–	–	210	64	113	17	10	5
6 months up to 1 year	460	318	–	2	139	46	57	8	25	4
1 year up to 2 years	213	106	–	2	105	51	32	4	18	–
2 years or more	282	113	–	–	169	71	40	10	43	4
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	...	...	...	...	...	...	...	...	...	...
In central cities	...	...	...	...	...	...	...	...	...	...
Suburbs	...	...	...	...	...	...	...	...	...	...
Outside metropolitan statistical areas	22 411	18 345	92	125	3 848	1 232	1 902	236	337	141
Regions										
Northeast	2 670	2 297	24	25	324	109	148	33	12	21
Midwest	7 418	6 401	37	46	934	324	403	91	81	34
South	9 136	7 098	25	30	1 983	658	985	74	196	70
West	3 186	2 548	6	25	607	141	366	37	48	16
Urbanized Areas										
Inside urbanized areas	...	...	...	...	...	...	...	...	...	...
In central cities of (P)MSA's	...	...	...	...	...	...	...	...	...	...
Urban fringe	598	512	4	18	64	27	25	6	3	3
Outside urbanized areas	21 812	17 833	88	108	3 784	1 206	1 877	230	334	138
Other urban	7 799	6 791	49	65	894	360	326	102	43	64
Rural	14 013	11 042	39	43	2 889	845	1 551	128	291	74
Place Size[1]										
Less than 2,500 persons	3 266	2 766	19	25	455	181	183	37	37	18
2,500 to 9,999 persons	3 509	3 004	29	34	442	142	190	54	17	39
10,000 to 19,999 persons	2 762	2 456	3	21	282	130	77	42	11	22
20,000 to 49,999 persons	2 038	1 768	22	27	222	114	78	8	14	7
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 1993	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	**22 411**	**18 345**	**92**	**125**	**3 848**	**1 232**	**1 902**	**236**	**337**	**141**
Stories in Structure										
1 to 3	22 277	18 235	92	122	3 828	1 227	1 902	236	334	130
4 to 6	62	51	–	3	8	2	–	–	3	3
7 or more	71	59	–	–	12	3	–	–	–	9
Rooms										
1 room	288	152	6	5	125	43	41	6	9	25
2 rooms	571	375	2	4	190	58	82	17	28	5
3 rooms	1 805	1 204	12	31	558	146	281	46	59	26
4 rooms	4 808	3 480	8	46	1 274	359	734	58	99	24
5 rooms	5 667	4 701	13	23	930	289	497	53	62	29
6 rooms	4 588	4 118	15	14	441	194	172	21	45	10
7 rooms	2 493	2 312	18	1	162	72	53	19	10	9
8 rooms	1 192	1 096	4	–	91	42	28	3	10	8
9 rooms or more	997	906	14	–	77	30	14	12	15	6
Median	**5.2**	**5.3**	**5.8**	**4.0**	**4.3**	**4.5**	**4.2**	**4.3**	**4.2**	**4.1**
Bedrooms										
None	336	186	6	5	138	46	42	9	15	25
1	2 419	1 728	22	39	631	191	267	67	81	25
2	7 945	5 993	18	62	1 871	537	1 059	95	132	48
3	8 931	7 896	16	17	1 002	385	470	46	70	32
4 or more	2 779	2 542	30	3	205	74	64	18	38	11
Median	**2.6**	**2.7**	**2.5**	**1.8**	**2.1**	**2.2**	**2.1**	**1.9**	**2.0**	**1.9**
Complete Bathrooms										
None	1 637	964	16	12	646	279	186	31	149	1
1	13 850	11 182	43	103	2 522	792	1 279	168	170	113
1 and one-half	2 912	2 593	14	8	297	71	202	3	6	14
2 or more	4 012	3 606	19	2	384	91	234	34	12	13

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 1993	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	**22 411**	**18 345**	**92**	**125**	**3 848**	**1 232**	**1 902**	**236**	**337**	**141**
Kitchen										
With complete kitchen facilities	21 312	17 734	84	118	3 375	1 069	1 776	219	199	111
Air Conditioning										
With air conditioning	10 145	8 587	53	37	1 468	381	849	75	78	85
Central	4 289	3 808	7	9	465	86	327	20	16	15
1 room unit	4 414	3 550	34	25	805	247	426	39	41	51
2 room units or more	1 442	1 228	12	4	198	48	95	15	20	19
None	12 266	9 758	39	88	2 380	851	1 053	161	259	56
Main Heating Equipment										
Warm-air furnace	9 806	8 163	29	53	1 561	350	1 024	80	63	44
Steam or hot water system	1 792	1 598	25	19	150	59	37	32	5	16
Electric heat pump	741	648	–	4	89	12	55	–	3	19
Built-in electric units	2 319	2 005	5	19	290	84	147	20	7	32
Floor, wall or pipeless furnace	1 363	1 148	6	6	203	67	87	21	21	9
Room heaters with flue	2 422	1 874	10	10	528	222	203	55	44	4
Room heaters without flue	1 191	871	2	8	309	145	102	9	53	–
Portable heaters, fireplaces, stoves	2 544	1 933	15	3	593	233	220	14	115	10
None	234	105	–	3	125	61	27	4	25	7
Plumbing										
Complete plumbing for exclusive use	21 016	17 542	87	114	3 273	980	1 748	205	200	140
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	91	61	–	9	21	7	6	6	2	1
Some, but not all plumbing facilities	646	389	3	3	252	143	65	12	32	–
No plumbing facilities	658	352	3	–	302	102	84	13	103	–
Source of Water										
Public system or private company	14 481	12 167	75	110	2 128	735	981	154	150	109
Well serving 1 to 5 units	6 975	5 484	12	13	1 466	411	805	71	153	25
Drilled	5 852	4 683	5	13	1 151	285	670	60	112	23
Dug	1 123	800	7	–	315	126	134	11	41	3
Other	955	694	5	3	254	86	117	11	34	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 1993	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	**80 903**	**73 117**	**432**	**726**	**6 627**	**2 498**	**2 744**	**566**	**570**	**250**
Tenure										
Owner occupied	53 003	48 968	287	235	3 513	1 059	2 001	205	176	71
Percent of all occupied	65.5	67.0	66.5	32.3	53.0	42.4	72.9	36.3	30.9	28.4
Renter occupied	27 900	24 149	145	492	3 114	1 439	742	360	394	179
Race and Origin[1]										
White	69 323	63 074	360	614	5 275	1 754	2 548	496	293	184
Non-Hispanic	67 103	61 042	348	602	5 110	1 653	2 513	486	279	180
Hispanic	2 221	2 031	12	12	165	102	35	10	14	4
Black	8 657	7 431	49	98	1 079	608	126	52	245	48
Other	2 922	2 613	23	15	272	135	70	17	32	18
Total Hispanic	3 875	3 482	23	29	340	201	64	21	37	18
Units in Structure										
1, detached	51 062	48 159	212	115	2 576	1 486	502	251	268	68
1, attached	3 404	3 198	25	17	165	75	11	36	31	11
2 to 4	8 831	7 572	167	421	671	343	49	142	109	28
5 to 9	3 430	3 084	15	58	273	160	7	48	43	16
10 to 19	3 503	3 241	3	36	223	121	17	17	36	32
20 to 49	2 685	2 503	8	24	150	77	3	18	31	21
50 or more	4 104	3 858	3	54	190	66	9	29	21	65
Mobile home or trailer (with no permanent room attached)	3 884	1 503	–	3	2 379	170	2 147	24	30	8
Condominiums										
Number of condominiums	1 856	1 827	3	8	18	6	3	–	7	2
Year Structure Built										
1979 to March 1980	2 263	2 000	1	18	243	54	159	8	15	7
1975 to 1978	7 910	7 141	14	22	732	133	560	27	10	3
1970 to 1974	10 150	9 065	20	6	1 060	152	821	26	33	28
1960 to 1969	16 118	14 941	40	64	1 074	266	651	59	49	48
1950 to 1959	14 457	13 412	71	109	864	388	239	116	86	36
1940 to 1949	9 102	8 190	52	94	766	424	117	69	118	39
1939 or earlier	20 903	18 368	234	413	1 888	1 081	197	261	259	90
Median	**1956**	**1957**	**1940**	**1940**	**1956**	**1943**	**1971**	**1943**	**1942**	**1948**
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	62 064	57 126	344	611	3 983	1 627	1 398	391	376	192
In central cities	27 410	25 252	153	389	1 616	829	202	199	259	128
Suburbs	34 654	31 874	191	221	2 367	798	1 196	192	116	64
Outside metropolitan statistical areas	18 839	15 991	88	116	2 644	871	1 346	175	194	58
Regions										
Northeast	17 442	16 256	158	254	775	293	223	113	85	62
Midwest	21 059	19 298	124	219	1 417	630	487	132	140	30
South	26 561	23 064	68	168	3 261	1 139	1 493	219	309	101
West	15 841	14 499	83	86	1 173	436	541	102	36	58
Urbanized Areas										
Inside urbanized areas	51 802	48 235	281	553	2 733	1 295	654	290	318	175
In central cities of (P)MSA's	27 053	24 910	153	389	1 601	822	197	197	257	128
Urban fringe	24 749	23 325	128	163	1 133	473	457	94	61	48
Outside urbanized areas	29 101	24 882	151	174	3 894	1 203	2 089	275	252	75
Other urban	10 223	9 118	68	105	933	370	371	121	33	38
Rural	18 877	15 764	83	69	2 961	832	1 718	154	219	37
Place Size[2]										
Less than 2,500 persons	4 434	3 897	35	29	474	187	204	42	33	8
2,500 to 9,999 persons	8 502	7 675	69	75	683	241	307	89	27	19
10,000 to 19,999 persons	7 850	7 270	32	65	483	216	153	63	21	29
20,000 to 49,999 persons	11 334	10 578	78	99	580	291	177	48	37	27
50,000 to 99,999 persons	7 502	7 087	33	48	334	162	79	39	32	21
100,000 to 249,999 persons	6 567	6 144	28	57	338	189	67	30	26	27
250,000 to 499,999 persons	4 705	4 337	18	70	281	141	29	39	59	13
500,000 to 999,999 persons	4 119	3 796	36	83	204	90	28	34	41	11
1,000,000 persons or more	6 621	6 000	34	137	449	242	9	53	94	52

[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 1993	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	**80 903**	**73 117**	**432**	**726**	**6 627**	**2 498**	**2 744**	**566**	**570**	**250**
Stories in Structure										
1 to 3	76 947	69 435	428	671	6 413	2 431	2 744	521	535	182
4 to 6	2 169	2 011	1	22	136	54	–	29	26	27
7 or more	1 786	1 671	3	34	79	13	–	16	9	41
Rooms										
1 room	1 136	845	11	44	237	98	32	28	16	63
2 rooms	2 538	2 162	13	57	305	111	91	37	37	30
3 rooms	7 579	6 433	31	162	953	401	298	118	109	27
4 rooms	14 782	12 479	53	184	2 066	612	1 126	134	159	35
5 rooms	18 791	17 019	74	116	1 583	559	764	106	116	38
6 rooms	16 650	15 604	82	87	877	418	292	76	72	19
7 rooms	9 968	9 570	58	39	301	153	81	34	22	11
8 rooms	5 237	4 980	39	25	192	90	48	21	18	16
9 rooms or more	4 222	4 026	70	13	113	56	12	13	20	12
Median	**5.3**	**5.4**	**5.9**	**4.0**	**4.4**	**4.5**	**4.3**	**4.3**	**4.3**	**3.6**
Bedrooms										
None	1 503	1 174	12	49	267	106	32	36	22	72
1	11 448	9 900	60	281	1 207	542	318	175	131	41
2	25 337	21 986	98	232	3 021	955	1 553	210	238	65
3	31 363	29 389	125	129	1 720	713	757	95	114	40
4 or more	11 252	10 668	136	35	412	182	83	49	66	33
Median	**2.6**	**2.6**	**2.9**	**1.6**	**2.1**	**2.1**	**2.2**	**1.8**	**2.1**	**1.7**
Complete Bathrooms										
None	2 119	1 449	21	64	585	311	115	33	104	23
1	46 480	41 106	211	505	4 658	1 823	1 837	417	403	178
1 and one-half	12 178	11 520	51	60	546	163	322	34	17	10
2 or more	20 126	19 042	149	98	837	201	470	81	46	39

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 1993	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	**80 903**	**73 117**	**432**	**726**	**6 627**	**2 498**	**2 744**	**566**	**570**	**250**
Kitchen										
With complete kitchen facilities	79 399	72 072	424	686	6 217	2 325	2 670	542	487	193
Air Conditioning										
With air conditioning	45 564	42 084	181	318	2 980	874	1 547	251	172	137
Central	22 406	21 109	38	84	1 174	251	712	86	58	68
1 room unit	15 716	14 035	84	201	1 396	488	669	106	83	50
2 room units or more	7 442	6 940	59	32	410	134	167	58	32	20
None	35 339	31 033	251	409	3 647	1 624	1 197	315	398	113
Main Heating Equipment										
Warm-air furnace	40 281	36 919	163	263	2 936	771	1 775	181	135	74
Steam or hot water system	14 128	13 025	136	266	701	329	31	143	94	104
Electric heat pump	2 846	2 683	8	7	147	30	80	18	3	16
Built-in electric units	6 278	5 849	20	40	369	122	147	52	23	25
Floor, wall or pipeless furnace	4 915	4 473	32	37	373	176	124	28	32	13
Room heaters with flue	5 756	4 770	32	66	887	444	262	71	98	13
Room heaters without flue	2 678	2 133	10	30	505	265	119	38	80	3
Portable heaters, fireplaces, stoves	3 540	2 859	21	18	643	313	204	31	93	2
None	481	407	9	–	66	49	2	2	11	2
Plumbing										
Complete plumbing for exclusive use	79 303	72 059	424	675	6 144	2 240	2 656	535	478	235
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	532	417	3	40	72	35	9	16	8	4
Some, but not all plumbing facilities	609	402	5	3	200	122	35	8	34	–
No plumbing facilities	458	239	–	8	211	100	43	6	50	12
Source of Water										
Public system or private company	68 873	63 090	384	690	4 709	1 919	1 673	466	422	229
Well serving 1 to 5 units	11 160	9 349	37	34	1 740	528	964	95	136	18
Drilled	9 634	8 179	27	33	1 396	400	810	78	95	12
Dug	1 526	1 170	9	2	345	127	154	17	42	5
Other	870	678	11	3	178	51	106	5	11	4
Telephone										
Telephone (in housing unit)	75 596	69 377	404	620	5 195	1 925	2 225	478	373	195
No telephone (in housing unit)	5 307	3 740	28	107	1 432	572	519	88	197	55
Cars and Trucks Available[1]										
No cars, trucks or vans	10 522	8 875	69	219	1 360	665	247	106	236	105
Other households without cars	1 447	1 144	20	11	273	77	145	27	16	8
1 car with or without trucks or vans	37 431	33 648	194	353	3 236	1 134	1 533	299	188	82
2 cars	24 692	23 018	100	133	1 441	500	676	102	117	47
3 or more cars	6 810	6 433	49	11	317	122	142	32	13	9
With cars, no trucks or vans	50 159	46 148	257	412	3 342	1 217	1 460	340	227	96
1 truck or van with or without cars	18 001	16 110	89	83	1 719	561	909	107	99	43
2 or more trucks or vans	2 221	1 985	17	13	206	54	127	12	7	6

[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 1993	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	**80 903**	**73 117**	**432**	**726**	**6 627**	**2 498**	**2 744**	**566**	**570**	**250**
Main House Heating Fuel										
Housing units with heating fuel	80 421	72 710	424	726	6 561	2 449	2 741	564	559	248
Electricity	14 348	13 178	37	60	1 074	296	555	113	51	59
Piped gas	44 319	40 794	257	440	2 828	1 253	924	262	290	99
Bottled, tank, or LP gas	3 955	2 899	3	11	1 043	275	664	34	55	15
Fuel oil, kerosene, or other liquid fuel	14 922	13 482	116	196	1 128	418	451	121	81	57
Coal or coke	466	377	2	2	85	31	23	9	19	2
Wood	2 235	1 849	9	5	372	169	124	20	58	2
Other fuel	175	130	–	14	31	7	–	4	4	15
Cooking Fuel										
With cooking fuel	80 750	73 034	432	709	6 575	2 482	2 744	566	560	223
Electricity	41 916	39 239	174	203	2 301	849	927	274	151	100
Piped gas	33 372	29 992	228	472	2 680	1 180	860	244	305	91
Bottled, tank, or LP gas	5 077	3 500	29	31	1 516	408	944	48	93	23
Fuel oil, kerosene, or other liquid fuel	151	130	1	3	17	6	2	–	–	9
Coal or coke	39	36	–	–	2	–	–	–	2	–
Wood	170	120	–	–	50	34	10	–	6	–
Other fuel	26	17	–	–	8	5	–	–	3	–
Water Heating Fuel										
With hot piped water	80 903	73 117	432	726	6 627	2 498	2 744	566	570	250
Electricity	25 919	22 970	92	122	2 737	781	1 547	200	120	89
Piped gas	43 900	40 624	259	460	2 556	1 204	696	264	297	95
Bottled, tank, or LP gas	3 546	2 757	14	17	759	225	427	38	54	15
Fuel oil, kerosene, or other liquid fuel	6 606	6 172	65	113	256	116	19	58	33	30
Coal or coke	117	103	–	2	13	8	–	–	2	2
Wood	124	91	3	2	27	22	3	–	3	–
Other fuel	127	105	–	–	22	10	–	–	5	8
No fuel used	563	296	–	11	257	132	52	6	56	12

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 1993	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	**80 903**	**73 117**	**432**	**726**	**6 627**	**2 498**	**2 744**	**566**	**570**	**250**
Persons										
1 person	18 219	15 850	102	286	1 981	724	745	233	178	101
2 persons	25 496	23 300	100	249	1 846	682	777	161	158	68
3 persons	14 074	12 803	85	75	1 111	364	578	64	69	35
4 persons	12 199	11 320	54	69	756	288	341	43	62	21
5 persons	6 425	5 854	40	23	507	218	189	36	56	8
6 persons	2 638	2 409	17	11	201	92	70	12	17	9
7 persons or more	1 852	1 580	34	13	225	130	42	15	30	7
Median	**2.4**	**2.4**	**2.7**	**1.8**	**2.2**	**2.3**	**2.3**	**1.8**	**2.2**	**1.9**
Age of Householder										
Under 25 years	6 239	5 123	24	115	977	330	478	67	66	36
25 to 29	9 166	8 110	39	124	892	322	394	69	84	23
30 to 34	9 266	8 449	31	63	723	258	312	74	61	18
35 to 44	13 892	12 785	75	79	954	369	398	72	73	42
45 to 54	12 546	11 579	71	71	825	320	338	69	67	31
55 to 64	13 020	12 000	88	77	855	294	363	80	88	30
65 to 74	10 328	9 354	50	90	834	362	299	68	67	37
75 years and over	6 446	5 718	54	108	566	241	161	66	64	34
Median	**47**	**47**	**52**	**43**	**43**	**44**	**40**	**45**	**45**	**47**
Household Composition by Age of Householder										
2-or-more person households	62 683	57 267	330	441	4 646	1 774	1 998	333	392	149
Married-couple families, no nonrelatives	48 785	45 116	213	274	3 182	1 092	1 582	218	204	87
Under 25 years	2 684	2 115	5	34	529	137	323	25	26	18
25 to 30 years	5 404	4 821	13	62	508	173	271	22	33	9
30 to 34 years	6 023	5 615	15	28	365	123	191	19	23	9
35 to 44 years	9 785	9 201	48	26	509	197	239	33	28	12
45 to 64 years	17 363	16 405	95	74	789	266	373	78	53	18
65 years and over	7 526	6 958	37	49	482	195	185	41	40	21
Other male householder	4 295	3 711	38	64	482	242	131	34	48	28
Under 45 years	2 821	2 434	25	46	316	165	100	23	17	12
45 to 64 years	1 032	899	5	8	120	52	26	12	19	11
65 years and over	442	378	8	10	46	25	4	–	12	4
Other female householder	9 603	8 440	79	103	981	440	286	81	140	34
Under 45 years	5 570	4 837	40	72	620	251	191	67	86	24
45 to 64 years	2 598	2 312	29	18	239	117	76	9	31	5
65 years and over	1 435	1 290	10	13	122	72	18	5	23	5
1-person households	18 219	15 850	102	286	1 981	724	745	233	178	101
Male householder	6 947	5 754	36	125	1 032	377	377	114	112	51
Under 45 years	3 785	3 214	11	62	498	163	188	70	47	29
45 to 64 years	1 659	1 354	13	27	265	107	89	20	33	15
65 years and over	1 503	1 186	12	36	269	107	99	24	32	7
Female householder	11 272	10 096	66	160	950	346	368	119	66	50
Under 45 years	2 491	2 228	12	51	201	71	79	24	22	5
45 to 64 years	2 914	2 608	18	21	268	72	137	30	19	11
65 years and over	5 867	5 260	37	89	481	204	153	65	25	34
Years of School Completed by Householder										
No school years completed	623	522	11	12	78	43	17	2	15	–
Elementary:										
less than 8 years	7 501	6 315	50	66	1 071	500	340	60	149	22
8 years	6 763	5 898	43	69	753	290	315	64	60	24
High school:										
1 to 3 years	12 214	10 779	71	123	1 241	493	517	85	95	50
4 years	25 791	23 335	151	204	2 101	671	1 037	156	163	75
College:										
1 to 3 years	13 366	12 324	47	113	882	332	358	104	61	27
4 years or more	14 644	13 944	60	139	501	168	159	94	27	53
Median	**12.5**	**12.6**	**12.3**	**12.5**	**12.1**	**11.4**	**12.2**	**12.5**	**10.9**	**12.4**

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 1993	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	**80 903**	**73 117**	**432**	**726**	**6 627**	**2 498**	**2 744**	**566**	**570**	**250**
Household Income										
Less than $5,000	10 790	8 934	51	158	1 646	685	533	133	226	69
$5,000 to $9,999	12 954	11 158	79	191	1 526	622	581	151	108	64
$10,000 to $14,999	12 043	10 632	71	130	1 211	398	568	102	92	51
$15,000 to $19,999	11 529	10 491	60	79	900	319	441	45	74	21
$20,000 to $24,999	10 222	9 527	51	50	594	212	294	51	24	13
$25,000 to $29,999	7 334	7 007	31	27	269	90	152	14	11	3
$30,000 to $34,999	5 300	5 057	22	32	188	57	83	23	13	12
$35,000 to $39,999	3 451	3 308	25	18	101	34	39	14	8	6
$40,000 to $49,999	3 685	3 554	19	22	90	50	20	8	7	5
$50,000 to $59,999	1 534	1 470	14	12	38	16	7	12	3	–
$60,000 to $74,999	959	927	4	–	27	8	11	3	3	2
$75,000 or more	1 102	1 053	5	8	36	5	15	9	2	5
Median	**17 022**	**17 781**	**16 206**	**10 528**	**10 584**	**9 528**	**12 271**	**9 939**	**7 753**	**9 402**
Monthly Housing Costs[1]										
Less than $100	1 639	1 299	12	36	291	150	34	30	67	10
$100 to $199	7 883	6 711	31	210	931	556	58	127	134	56
$200 to $249	7 323	6 724	37	108	454	253	46	55	62	39
$250 to $299	7 468	7 025	32	46	365	229	38	40	46	13
$300 to $349	5 900	5 642	25	27	206	117	22	24	18	26
$350 to $399	4 685	4 494	23	20	148	79	24	25	17	4
$400 to $449	3 384	3 310	10	10	55	31	14	10	–	–
$450 to $499	2 885	2 790	25	20	50	19	–	17	3	11
$500 to $599	3 891	3 787	12	18	75	24	18	14	8	11
$600 to $699	2 370	2 323	14	9	23	9	6	8	–	–
$700 to $799	1 261	1 228	7	4	22	11	6	–	5	–
$800 or more	1 948	1 919	9	12	7	7	–	–	–	–
No cash rent	1 500	1 237	10	8	246	104	53	28	50	12
Median	**309**	**317**	**312**	**206**	**210**	**207**	**244**	**216**	**184**	**224**

[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 1993	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	**53 003**	**48 968**	**287**	**235**	**3 513**	**1 059**	**2 001**	**205**	**176**	**71**
Tenure										
Owner occupied	53 003	48 968	287	235	3 513	1 059	2 001	205	176	71
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	47 955	44 383	249	211	3 113	861	1 870	198	121	61
Non-Hispanic	46 868	43 338	244	211	3 075	841	1 861	196	119	59
Hispanic	1 087	1 045	5	–	37	20	10	2	3	2
Black	3 825	3 457	24	24	320	174	88	5	44	10
Other	1 223	1 128	14	–	80	24	43	2	11	–
Total Hispanic	1 672	1 589	10	3	70	34	26	2	6	2
Units in Structure										
1, detached	44 043	42 355	173	83	1 432	814	312	141	128	38
1, attached	1 931	1 856	11	3	61	27	9	17	7	3
2 to 4	2 337	2 004	91	125	117	69	3	25	7	14
5 to 9	460	416	5	9	30	13	7	2	4	3
10 to 19	338	299	–	7	32	12	9	–	6	5
20 to 49	310	302	8	–	–	–	–	–	–	–
50 or more	433	418	–	8	8	–	3	2	–	2
Mobile home or trailer (with no permanent room attached)	3 151	1 318	–	–	1 832	125	1 659	19	24	6
Condominiums										
Number of condominiums	1 336	1 319	–	8	9	3	3	–	3	–
Year Structure Built										
1979 to March 1980	1 596	1 393	–	9	193	39	141	2	8	3
1975 to 1978	5 732	5 137	12	7	576	102	453	17	4	–
1970 to 1974	6 494	5 686	12	5	791	91	665	14	18	2
1960 to 1969	10 461	9 795	35	17	614	123	451	15	12	14
1950 to 1959	10 370	9 895	49	36	391	161	143	47	25	15
1940 to 1949	5 621	5 282	34	18	287	169	55	32	28	3
1939 or earlier	12 730	11 778	147	143	661	374	93	78	82	34
Median	**1957**	**1957**	**1940**	**1940**	**1965**	**1948**	**1973**	**1947**	**1941**	**1941**
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	38 943	36 602	224	194	1 922	600	1 056	136	87	44
In central cities	13 861	13 201	89	107	463	223	142	47	37	14
Suburbs	25 082	23 401	135	87	1 460	377	914	89	50	30
Outside metropolitan statistical areas	14 060	12 366	63	41	1 590	459	946	69	89	27
Regions										
Northeast	10 518	9 939	98	105	376	125	183	42	12	15
Midwest	14 788	13 873	82	55	778	294	390	39	40	15
South	18 123	16 270	49	46	1 758	495	1 036	87	107	33
West	9 574	8 886	58	29	601	146	393	38	16	8
Urbanized Areas										
Inside urbanized areas	30 808	29 386	180	182	1 060	415	476	82	56	32
In central cities of (P)MSA's	13 648	12 996	89	107	456	223	137	47	35	14
Urban fringe	17 160	16 390	91	75	604	192	339	34	21	18
Outside urbanized areas	22 195	19 582	107	53	2 453	644	1 525	124	121	39
Other urban	6 917	6 373	40	23	482	146	250	55	12	20
Rural	15 277	13 209	67	30	1 971	498	1 276	69	109	20
Place Size[2]										
Less than 2,500 persons	3 306	2 994	27	14	270	99	138	10	18	6
2,500 to 9,999 persons	6 094	5 644	45	19	387	117	210	48	5	7
10,000 to 19,999 persons	5 306	5 050	24	13	218	77	108	19	3	12
20,000 to 49,999 persons	7 351	7 003	51	38	259	97	121	18	11	11
50,000 to 99,999 persons	4 499	4 334	19	21	125	50	51	8	9	7
100,000 to 249,999 persons	3 760	3 607	17	19	117	50	51	9	5	2
250,000 to 499,999 persons	2 466	2 380	12	11	64	35	19	7	2	–
500,000 to 999,999 persons	2 068	1 959	23	21	65	35	16	2	8	2
1,000,000 persons or more	2 494	2 331	15	55	93	54	7	16	13	2

[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 1993	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	**53 003**	**48 968**	**287**	**235**	**3 513**	**1 059**	**2 001**	**205**	**176**	**71**
Stories in Structure										
1 to 3	52 583	48 564	287	224	3 508	1 059	2 001	203	173	71
4 to 6	182	176	–	3	3	–	–	–	3	–
7 or more	238	228	–	8	2	–	–	2	–	–
Rooms										
1 room	82	46	–	–	36	10	20	3	2	2
2 rooms	321	231	3	2	85	19	51	3	8	5
3 rooms	1 439	1 090	5	21	323	90	198	14	20	2
4 rooms	6 344	5 140	16	55	1 134	222	830	43	33	5
5 rooms	13 192	12 141	42	39	970	263	585	52	52	19
6 rooms	13 956	13 298	66	53	539	255	211	42	23	7
7 rooms	8 860	8 580	53	32	195	84	68	24	10	8
8 rooms	4 843	4 646	37	23	136	67	30	13	10	16
9 rooms or more	3 966	3 796	66	10	94	49	9	11	18	7
Median	**5.9**	**5.9**	**6.7**	**5.5**	**4.7**	**5.2**	**4.4**	**5.3**	**5.0**	**5.9**
Bedrooms										
None	105	69	–	–	36	10	20	3	2	2
1	2 176	1 778	13	41	345	103	197	19	21	5
2	14 250	12 364	46	85	1 755	426	1 143	93	71	22
3	26 418	25 110	102	80	1 126	398	596	61	51	21
4 or more	10 053	9 647	127	29	250	122	45	29	32	21
Median	**2.9**	**2.9**	**3.3**	**2.4**	**2.3**	**2.5**	**2.2**	**2.4**	**2.4**	**2.8**
Complete Bathrooms										
None	860	627	9	12	212	106	60	3	43	–
1	24 528	22 056	95	112	2 265	697	1 289	131	103	45
1 and one-half	9 947	9 460	46	40	401	114	254	24	7	2
2 or more	17 668	16 824	138	72	635	143	399	47	23	24

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 1993	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	**53 003**	**48 968**	**287**	**235**	**3 513**	**1 059**	**2 001**	**205**	**176**	**71**
Kitchen										
With complete kitchen facilities	52 395	48 504	282	232	3 376	997	1 968	204	139	68
Air Conditioning										
With air conditioning	31 983	29 819	139	130	1 896	478	1 195	106	68	50
Central	16 384	15 504	29	43	808	139	604	32	14	19
1 room unit	9 823	8 878	61	69	815	257	470	35	35	17
2 room units or more	5 776	5 436	49	18	273	82	120	39	19	13
None	21 020	19 149	148	105	1 617	581	807	100	108	21
Main Heating Equipment										
Warm-air furnace	30 222	28 044	124	88	1 966	409	1 384	84	56	33
Steam or hot water system	7 250	6 916	86	100	148	85	5	33	9	17
Electric heat pump	1 972	1 878	7	3	84	21	54	6	3	–
Built-in electric units	3 377	3 178	11	7	181	50	114	12	5	–
Floor, wall or pipeless furnace	2 907	2 692	20	15	181	74	77	11	11	9
Room heaters with flue	3 141	2 683	21	14	423	159	190	35	30	8
Room heaters without flue	1 418	1 208	5	5	199	115	49	13	20	3
Portable heaters, fireplaces, stoves	2 514	2 176	10	4	324	142	128	12	41	2
None	202	192	4	–	7	5	–	–	2	–
Plumbing										
Complete plumbing for exclusive use	52 358	48 508	283	230	3 338	974	1 958	202	133	71
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	108	94	–	5	9	2	4	3	–	–
Some, but not all plumbing facilities	332	234	4	–	94	50	24	–	20	–
No plumbing facilities	204	132	–	–	72	33	16	–	23	–
Source of Water										
Public system or private company	42 945	40 263	253	219	2 211	689	1 206	152	102	62
Well serving 1 to 5 units	9 368	8 150	30	14	1 175	343	711	51	66	5
Drilled	8 194	7 186	20	14	974	272	604	47	47	5
Dug	1 174	963	9	–	202	71	107	4	19	–
Other	689	555	4	3	127	27	84	3	8	4
Telephone										
Telephone (in housing unit)	51 531	47 966	285	226	3 054	927	1 729	191	140	67
No telephone (in housing unit)	1 472	1 002	2	9	459	132	272	15	36	4
Cars and Trucks Available[1]										
No cars, trucks or vans	3 326	2 855	32	46	393	163	155	18	44	13
Other households without cars	872	729	15	4	124	36	81	3	5	–
1 car with or without trucks or vans	23 216	21 172	122	104	1 817	470	1 143	116	65	23
2 cars	19 653	18 538	76	76	964	315	522	46	52	29
3 or more cars	5 936	5 674	42	5	215	75	100	22	10	6
With cars, no trucks or vans	33 207	31 075	167	154	1 812	528	1 044	127	83	31
1 truck or van with or without cars	14 600	13 334	74	25	1 167	338	712	51	44	22
2 or more trucks or vans	1 869	1 704	15	10	141	31	90	10	5	6

[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 1993	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	**53 003**	**48 968**	**287**	**235**	**3 513**	**1 059**	**2 001**	**205**	**176**	**71**
Main House Heating Fuel										
Housing units with heating fuel	52 800	48 776	284	235	3 506	1 055	2 001	205	174	71
Electricity	8 296	7 662	26	13	595	123	424	30	11	7
Piped gas	29 685	28 026	182	143	1 335	449	668	102	85	31
Bottled, tank, or LP gas	2 958	2 234	–	3	721	174	491	19	27	10
Fuel oil, kerosene, or other liquid fuel	9 768	9 005	71	76	615	211	321	43	19	21
Coal or coke	287	255	2	–	29	11	8	2	8	–
Wood	1 783	1 570	2	–	211	87	89	9	24	2
Other fuel	24	24	–	–	–	–	–	–	–	–
Cooking Fuel										
With cooking fuel	52 993	48 961	287	235	3 510	1 059	2 001	205	173	71
Electricity	30 133	28 672	125	82	1 254	397	675	93	55	34
Piped gas	18 962	17 474	143	146	1 199	403	614	89	67	26
Bottled, tank, or LP gas	3 693	2 651	19	4	1 019	238	705	24	43	9
Fuel oil, kerosene, or other liquid fuel	58	48	–	3	7	3	2	–	–	2
Coal or coke	19	19	–	–	–	–	–	–	–	–
Wood	111	86	–	–	25	15	5	–	6	–
Other fuel	16	10	–	–	6	3	–	–	3	–
Water Heating Fuel										
With hot piped water	53 003	48 968	287	235	3 513	1 059	2 001	205	176	71
Electricity	17 991	16 159	63	26	1 743	421	1 181	78	40	23
Piped gas	28 742	27 315	178	157	1 092	414	481	90	79	28
Bottled, tank, or LP gas	2 430	1 938	7	5	481	119	308	19	25	10
Fuel oil, kerosene, or other liquid fuel	3 381	3 227	37	44	73	38	7	18	–	10
Coal or coke	73	68	–	–	6	3	–	–	2	–
Wood	91	67	3	2	19	13	3	–	3	–
Other fuel	27	27	–	–	–	–	–	–	–	–
No fuel used	267	168	–	–	99	51	21	–	27	–

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 1993	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	**53 003**	**48 968**	**287**	**235**	**3 513**	**1 059**	**2 001**	**205**	**176**	**71**
Persons										
1 person	8 263	7 198	55	68	941	272	529	72	50	19
2 persons	17 513	16 305	55	91	1 062	327	590	64	56	25
3 persons	9 720	8 992	64	27	638	164	409	28	26	10
4 persons	9 302	8 829	41	30	402	117	245	14	15	10
5 persons	4 983	4 664	28	8	283	96	153	18	13	3
6 persons	1 955	1 837	9	7	101	35	54	3	6	4
7 persons or more	1 267	1 143	34	4	86	47	21	7	10	–
Median	**2.6**	**2.6**	**3.0**	**2.0**	**2.3**	**2.3**	**2.3**	**2.0**	**2.2**	**2.2**
Age of Householder										
Under 25 years	1 440	1 102	7	–	331	48	268	–	10	4
25 to 29	4 046	3 630	7	21	388	85	273	13	17	–
30 to 34	5 669	5 282	17	22	348	103	216	8	17	3
35 to 44	9 965	9 384	50	22	508	162	290	25	19	12
45 to 54	9 763	9 199	61	27	476	156	261	24	23	12
55 to 64	10 272	9 622	71	39	539	143	305	51	27	13
65 to 74	7 473	6 871	32	32	538	197	248	53	24	16
75 years and over	4 375	3 877	42	71	385	165	140	31	38	11
Median	**51**	**51**	**55**	**61**	**49**	**53**	**43**	**61**	**55**	**58**
Household Composition by Age of Householder										
2-or-more person households	44 740	41 770	232	167	2 572	787	1 472	133	127	52
Married-couple families, no nonrelatives	38 399	36 059	172	136	2 032	577	1 225	114	82	34
Under 25 years	1 029	787	2	–	240	36	195	–	7	3
25 to 30 years	3 248	2 928	7	18	295	67	211	8	9	–
30 to 34 years	4 535	4 291	12	16	217	52	145	8	9	3
35 to 44 years	8 135	7 737	41	18	339	114	191	14	15	4
45 to 64 years	15 230	14 515	83	51	580	176	314	55	25	10
65 years and over	6 221	5 801	27	33	360	131	171	29	17	13
Other male householder	1 973	1 753	17	15	188	75	75	7	16	14
Under 45 years	961	830	10	3	118	47	60	2	3	5
45 to 64 years	683	630	2	2	49	15	12	5	8	9
65 years and over	329	294	5	10	20	12	3	–	5	–
Other female householder	4 369	3 958	44	15	352	135	172	12	29	5
Under 45 years	1 679	1 503	7	4	165	48	100	5	10	2
45 to 64 years	1 649	1 507	29	6	108	44	57	5	2	–
65 years and over	1 041	948	7	6	79	43	15	2	16	2
1-person households	8 263	7 198	55	68	941	272	529	72	50	19
Male householder	2 692	2 243	15	29	405	110	233	24	32	4
Under 45 years	1 034	879	–	7	149	25	105	8	8	2
45 to 64 years	778	651	5	5	118	35	68	–	12	3
65 years and over	880	714	10	17	138	50	61	16	12	–
Female householder	5 571	4 955	41	39	537	162	295	48	17	14
Under 45 years	499	445	2	–	52	8	41	–	3	–
45 to 64 years	1 695	1 519	14	2	160	29	115	10	3	2
65 years and over	3 377	2 991	25	37	325	125	139	37	11	12
Years of School Completed by Householder										
No school years completed	312	265	8	8	31	10	12	2	6	–
Elementary:										
less than 8 years	4 758	4 146	26	27	558	216	248	45	42	8
8 years	4 737	4 254	28	34	421	140	231	21	21	8
High school:										
1 to 3 years	7 599	6 881	47	38	633	182	381	21	37	12
4 years	17 040	15 705	106	45	1 184	308	775	47	31	24
College:										
1 to 3 years	8 292	7 785	29	28	450	138	254	35	19	4
4 years or more	10 266	9 933	43	55	235	65	100	33	21	16
Median	**12.5**	**12.6**	**12.3**	**12.2**	**12.1**	**11.5**	**12.2**	**12.3**	**10.3**	**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 1993	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	**53 003**	**48 968**	**287**	**235**	**3 513**	**1 059**	**2 001**	**205**	**176**	**71**
Household Income										
Less than $5,000	4 778	4 023	25	43	687	235	348	44	42	19
$5,000 to $9,999	6 674	5 856	44	48	725	229	395	56	37	7
$10,000 to $14,999	6 645	5 944	44	22	635	158	417	19	31	11
$15,000 to $19,999	7 508	6 896	31	26	555	156	339	19	32	10
$20,000 to $24,999	7 630	7 167	36	23	405	121	234	27	13	10
$25,000 to $29,999	5 878	5 649	28	11	190	45	131	7	5	3
$30,000 to $34,999	4 477	4 304	17	21	136	42	71	11	6	6
$35,000 to $39,999	2 999	2 897	23	14	65	26	29	8	2	–
$40,000 to $49,999	3 236	3 149	19	11	57	33	13	2	5	3
$50,000 to $59,999	1 321	1 279	12	10	20	6	3	9	3	–
$60,000 to $74,999	870	850	4	–	16	6	6	3	–	–
$75,000 or more	988	953	5	8	22	3	15	–	2	2
Median	**20 588**	**21 231**	**19 866**	**15 977**	**12 712**	**12 083**	**13 090**	**10 801**	**11 494**	**14 183**
Value[1]										
Less than $10,000	1 327	1 157	4	2	163	100	23	8	24	8
$10,000 to $19,999	3 366	3 103	2	2	258	149	49	20	34	6
$20,000 to $29,999	5 166	4 921	27	11	208	142	33	16	13	3
$30,000 to $39,999	6 229	6 082	24	5	117	68	32	9	8	–
$40,000 to $49,999	6 211	6 043	21	18	129	66	32	26	6	–
$50,000 to $59,999	5 097	4 979	22	12	84	33	31	12	3	5
$60,000 to $69,999	4 143	4 087	9	11	36	16	12	6	3	–
$70,000 to $79,999	3 096	3 038	10	4	45	25	9	5	–	6
$80,000 to $99,999	3 275	3 217	14	4	40	23	3	4	7	2
$100,000 to $124,999	1 627	1 589	9	9	20	14	3	–	–	3
$125,000 to $149,999	941	924	4	–	13	7	–	3	3	–
$150,000 to $199,999	844	831	7	4	3	3	–	–	–	–
$200,000 or more	556	538	9	–	8	5	4	–	–	–
Median	**47 811**	**48 260**	**51 304**	**52 006**	**26 748**	**25 355**	**33 271**	**40 270**	**17 801**	**...**
Mortgages Currently on Property[2]										
None, owned free and clear	14 435	13 724	59	35	617	359	130	63	40	25
With mortgage or land contract	26 110	25 470	103	42	496	288	97	46	57	8
One mortgage or land contract	23 387	22 822	94	35	435	260	79	34	55	8
Two mortgages or more	2 723	2 647	9	6	61	28	18	12	2	–
Monthly Payment to Lender[2]										
Less than $100	2 703	2 576	12	–	114	72	12	15	13	2
$100 to $199	7 925	7 714	23	2	185	109	35	13	25	3
$200 to $249	3 305	3 216	31	6	52	31	13	2	6	–
$250 to $299	2 857	2 806	5	–	47	29	9	9	–	–
$300 to $349	2 282	2 263	2	–	17	9	3	3	–	2
$350 to $399	1 784	1 745	7	7	25	11	9	5	–	–
$400 to $449	1 423	1 384	4	14	21	6	6	–	9	–
$450 to $499	973	944	5	–	25	14	6	–	5	–
$500 to $599	1 219	1 201	7	3	8	5	3	–	–	–
$600 to $699	706	696	7	3	–	–	–	–	–	–
$700 to $799	353	344	–	6	2	2	–	–	–	–
$800 to $999	341	341	–	–	–	–	–	–	–	–
$1,000 to $1,249	146	146	–	–	–	–	–	–	–	–
$1,250 to $1,499	39	39	–	–	–	–	–	–	–	–
$1,500 or more	54	54	–	–	–	–	–	–	–	–
Median	**237**	**238**	**225**	**...**	**172**	**166**	**205**	**...**	**162**	**...**
Monthly Housing Costs[3]										
Less than $100	17	15	–	–	2	–	–	–	–	2
$100 to $199	1 468	1 395	5	–	68	47	9	3	5	3
$200 to $249	2 238	2 166	8	–	65	47	9	6	3	–
$250 to $299	3 018	2 938	12	–	68	38	15	5	11	–
$300 to $349	2 915	2 843	14	–	58	36	12	2	8	–
$350 to $399	2 903	2 825	10	4	65	35	15	9	6	–
$400 to $449	2 549	2 515	5	2	27	13	10	5	–	–
$450 to $499	2 164	2 114	14	9	27	17	–	5	3	2
$500 to $599	3 191	3 131	9	9	42	18	15	–	8	–
$600 to $699	2 083	2 060	12	3	9	–	6	2	–	–
$700 to $799	1 219	1 190	7	3	19	11	3	–	5	–
$800 or more	1 948	1 919	9	12	7	7	–	–	–	–
No cash rent	...	...	...	...	...	...	...	...	...	...
Median	**406**	**407**	**439**	**...**	**322**	**304**	**359**	**...**	**...**	**...**

[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 1993	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	**27 900**	**24 149**	**145**	**492**	**3 114**	**1 439**	**742**	**360**	**394**	**179**
Tenure										
Owner occupied	...	...	...	...	...	...	...	...	...	...
Percent of all occupied	...	...	...	...	...	...	...	...	...	...
Renter occupied	27 900	24 149	145	492	3 114	1 439	742	360	394	179
Race and Origin[1]										
White	21 368	18 690	112	403	2 163	893	677	298	171	123
Non-Hispanic	20 234	17 704	104	391	2 035	812	652	290	160	121
Hispanic	1 134	986	7	12	128	81	26	8	11	2
Black	4 832	3 974	25	74	759	434	38	47	202	39
Other	1 700	1 484	8	15	192	111	27	15	21	18
Total Hispanic	2 203	1 893	13	27	270	167	38	18	31	16
Units in Structure										
1, detached	7 018	5 804	39	32	1 143	673	190	110	140	30
1, attached	1 473	1 343	13	14	103	49	2	20	24	9
2 to 4	6 494	5 568	77	296	553	274	46	118	102	14
5 to 9	2 970	2 668	9	49	243	147	–	45	38	13
10 to 19	3 165	2 941	3	29	191	109	8	17	30	27
20 to 49	2 375	2 201	–	24	150	77	3	18	31	21
50 or more	3 671	3 440	3	46	182	66	6	27	21	63
Mobile home or trailer (with no permanent room attached)	733	184	–	2	547	45	487	5	6	2
Condominiums										
Number of condominiums	521	508	3	–	9	3	–	–	4	2
Year Structure Built										
1979 to March 1980	668	607	1	9	51	15	18	6	7	4
1975 to 1978	2 178	2 004	2	16	156	31	107	10	5	3
1970 to 1974	3 656	3 378	8	1	269	61	156	11	15	26
1960 to 1969	5 657	5 146	5	47	459	144	200	44	38	34
1950 to 1959	4 086	3 517	23	73	474	227	96	69	61	21
1940 to 1949	3 482	2 908	18	76	479	254	62	37	90	36
1939 or earlier	8 173	6 590	87	270	1 226	707	104	183	177	56
Median	**1955**	**1956**	**1940**	**1940**	**1946**	**1940**	**1965**	**1940**	**1942**	**1949**
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	23 121	20 523	120	417	2 061	1 027	342	254	289	148
In central cities	13 549	12 050	64	282	1 154	605	60	152	222	114
Suburbs	9 572	8 473	57	135	907	422	283	103	66	34
Outside metropolitan statistical areas	4 779	3 626	25	75	1 053	411	400	106	105	31
Regions										
Northeast	6 924	6 317	60	149	399	169	40	71	73	47
Midwest	6 271	5 426	42	164	639	336	97	92	99	15
South	8 438	6 794	19	122	1 503	645	457	133	202	68
West	6 267	5 613	25	57	573	289	149	64	20	50
Urbanized Areas										
Inside urbanized areas	20 994	18 849	101	371	1 674	880	178	209	263	144
In central cities of (P)MSA's	13 405	11 914	64	282	1 145	599	60	149	222	114
Urban fringe	7 589	6 935	37	89	529	281	119	59	40	30
Outside urbanized areas	6 906	5 300	44	121	1 441	559	564	151	131	35
Other urban	3 306	2 745	28	82	450	225	121	66	21	18
Rural	3 600	2 555	16	39	990	334	443	86	110	18
Place Size[2]										
Less than 2,500 persons	1 129	903	7	15	204	88	66	32	15	2
2,500 to 9,999 persons	2 407	2 032	24	56	296	124	97	41	22	12
10,000 to 19,999 persons	2 544	2 220	8	52	264	140	45	44	18	17
20,000 to 49,999 persons	3 984	3 575	27	61	321	194	56	30	26	15
50,000 to 99,999 persons	3 002	2 753	14	27	208	112	28	31	23	14
100,000 to 249,999 persons	2 807	2 537	11	38	221	139	16	20	21	25
250,000 to 499,999 persons	2 239	1 957	5	59	217	106	9	31	57	13
500,000 to 999,999 persons	2 052	1 837	13	61	140	55	12	32	32	9
1,000,000 persons or more	4 126	3 669	19	82	357	188	2	37	81	50

[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 1993	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	**27 900**	**24 149**	**145**	**492**	**3 114**	**1 439**	**742**	**360**	**394**	**179**
Stories in Structure										
1 to 3	24 364	20 871	141	447	2 905	1 372	742	318	362	111
4 to 6	1 988	1 835	1	19	133	54	–	29	23	27
7 or more	1 549	1 443	3	26	76	13	–	13	9	41
Rooms										
1 room	1 054	799	11	44	200	88	12	25	14	61
2 rooms	2 217	1 931	10	55	220	92	40	34	29	25
3 rooms	6 141	5 343	26	142	630	311	101	104	89	26
4 rooms	8 437	7 339	37	129	932	390	296	91	125	30
5 rooms	5 600	4 878	32	77	613	297	179	54	65	19
6 rooms	2 694	2 305	16	34	338	163	81	33	49	12
7 rooms	1 108	990	5	7	106	69	13	9	12	3
8 rooms	394	334	2	2	56	23	18	7	8	–
9 rooms or more	256	230	5	2	19	7	3	2	2	5
Median	**4.0**	**4.0**	**4.2**	**3.5**	**4.0**	**4.1**	**4.2**	**3.7**	**4.0**	**2.6**
Bedrooms										
None	1 397	1 105	12	49	231	96	12	34	20	70
1	9 271	8 122	47	241	861	439	121	156	110	36
2	11 087	9 622	52	146	1 266	529	410	117	167	42
3	4 945	4 279	24	49	594	315	161	34	63	19
4 or more	1 199	1 021	10	6	162	60	38	19	34	12
Median	**1.8**	**1.8**	**1.8**	**1.3**	**1.9**	**1.8**	**2.1**	**1.4**	**1.9**	**1.0**
Complete Bathrooms										
None	1 259	822	12	52	373	205	55	29	61	23
1	21 952	19 049	116	393	2 394	1 126	548	286	301	133
1 and one-half	2 231	2 060	5	20	146	49	68	10	10	8
2 or more	2 459	2 218	12	27	202	58	71	34	23	16

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 1993	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	**27 900**	**24 149**	**145**	**492**	**3 114**	**1 439**	**742**	**360**	**394**	**179**
Kitchen										
With complete kitchen facilities	27 003	23 568	142	454	2 840	1 328	702	338	348	124
Air Conditioning										
With air conditioning	13 581	12 266	43	188	1 084	396	352	145	104	87
Central	6 022	5 605	9	41	367	112	107	54	45	48
1 room unit	5 893	5 157	24	132	580	231	198	71	47	32
2 room units or more	1 666	1 504	10	14	137	52	47	19	13	7
None	14 319	11 883	102	304	2 030	1 043	390	216	289	92
Main Heating Equipment										
Warm-air furnace	10 059	8 875	40	174	970	362	391	97	79	41
Steam or hot water system	6 878	6 109	50	166	553	244	27	110	85	87
Electric heat pump	874	805	1	4	64	9	26	12	–	16
Built-in electric units	2 901	2 671	9	33	188	72	32	41	17	25
Floor, wall or pipeless furnace	2 008	1 781	12	23	192	102	47	18	22	4
Room heaters with flue	2 615	2 087	12	52	465	285	72	35	68	5
Room heaters without flue	1 260	924	5	25	306	150	70	26	61	–
Portable heaters, fireplaces, stoves	1 025	682	11	14	318	170	76	20	53	–
None	279	215	5	–	59	44	2	2	9	2
Plumbing										
Complete plumbing for exclusive use	26 945	23 551	141	446	2 806	1 266	698	333	345	164
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	424	323	3	35	63	33	6	12	8	4
Some, but not all plumbing facilities	277	167	1	3	106	72	11	8	14	–
No plumbing facilities	254	107	–	8	139	67	27	6	26	12
Source of Water										
Public system or private company	25 927	22 827	131	471	2 498	1 230	467	314	320	167
Well serving 1 to 5 units	1 792	1 199	7	21	565	184	253	44	71	13
Drilled	1 441	993	7	19	422	128	206	32	48	8
Dug	351	206	–	2	143	56	47	12	22	5
Other	180	123	7	–	51	24	22	2	3	–
Telephone										
Telephone (in housing unit)	24 065	21 411	119	394	2 141	998	495	287	233	128
No telephone (in housing unit)	3 835	2 738	25	98	973	440	247	73	161	51
Cars and Trucks Available[1]										
No cars, trucks or vans	7 196	6 019	37	173	967	503	92	88	192	93
Other households without cars	575	414	5	7	149	42	64	24	11	8
1 car with or without trucks or vans	14 215	12 477	72	248	1 419	663	391	183	124	58
2 cars	5 038	4 480	24	57	478	185	154	56	65	18
3 or more cars	874	759	8	6	102	46	41	10	2	2
With cars, no trucks or vans	16 952	15 073	91	259	1 529	690	416	214	144	66
1 truck or van with or without cars	3 401	2 776	15	58	552	223	197	56	55	21
2 or more trucks or vans	351	281	2	2	65	23	37	3	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 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 1993	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	**27 900**	**24 149**	**145**	**492**	**3 114**	**1 439**	**742**	**360**	**394**	**179**
Main House Heating Fuel										
Housing units with heating fuel	27 621	23 934	140	492	3 055	1 395	740	358	385	177
Electricity	6 052	5 516	11	46	479	174	131	83	40	51
Piped gas	14 634	12 768	75	298	1 493	804	257	160	205	67
Bottled, tank, or LP gas	997	665	3	8	322	101	173	15	28	5
Fuel oil, kerosene, or other liquid fuel	5 155	4 477	45	120	513	207	131	78	62	36
Coal or coke	180	122	–	2	55	20	15	7	11	2
Wood	453	279	7	5	162	82	34	10	35	–
Other fuel	151	107	–	14	31	7	–	4	4	15
Cooking Fuel										
With cooking fuel	27 757	24 073	145	474	3 065	1 423	742	360	387	152
Electricity	11 783	10 566	49	121	1 047	451	252	181	96	66
Piped gas	14 411	12 518	85	326	1 482	777	246	155	238	65
Bottled, tank, or LP gas	1 383	849	11	27	497	170	239	24	50	14
Fuel oil, kerosene, or other liquid fuel	92	81	1	–	10	3	–	–	–	8
Coal or coke	20	17	–	–	2	–	–	–	2	–
Wood	59	34	–	–	25	20	5	–	–	–
Other fuel	10	8	–	–	2	2	–	–	–	–
Water Heating Fuel										
With hot piped water	27 900	24 149	145	492	3 114	1 439	742	360	394	179
Electricity	7 928	6 811	29	96	993	360	367	121	79	66
Piped gas	15 157	13 309	81	303	1 464	791	215	174	218	66
Bottled, tank, or LP gas	1 115	819	7	12	278	106	119	18	29	5
Fuel oil, kerosene, or other liquid fuel	3 225	2 944	28	69	183	78	11	40	33	21
Coal or coke	44	35	–	2	7	5	–	–	–	2
Wood	32	24	–	–	8	8	–	–	–	–
Other fuel	101	79	–	–	22	10	–	–	5	8
No fuel used	296	128	–	11	158	81	30	6	29	12

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 1993	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	**27 900**	**24 149**	**145**	**492**	**3 114**	**1 439**	**742**	**360**	**394**	**179**
Persons										
1 person	9 957	8 652	47	217	1 040	452	216	161	128	83
2 persons	7 983	6 995	45	158	785	355	188	97	102	43
3 persons	4 354	3 812	21	48	473	200	169	36	42	25
4 persons	2 897	2 491	13	39	354	170	96	29	47	11
5 persons	1 442	1 190	13	15	225	122	36	18	43	5
6 persons	683	572	7	4	99	57	16	10	12	5
7 persons or more	585	438	–	9	139	82	21	9	19	7
Median	**2.0**	**2.0**	**2.1**	**1.7**	**2.2**	**2.3**	**2.3**	**1.7**	**2.2**	**1.7**
Age of Householder										
Under 25 years	4 799	4 021	17	115	646	282	210	67	55	31
25 to 29	5 120	4 479	32	103	505	237	122	56	67	23
30 to 34	3 597	3 166	14	42	375	155	96	66	44	15
35 to 44	3 927	3 400	24	56	446	207	108	47	53	30
45 to 54	2 783	2 379	10	44	349	164	77	45	44	19
55 to 64	2 748	2 378	16	38	316	151	59	29	60	17
65 to 74	2 855	2 483	18	58	296	166	51	15	44	21
75 years and over	2 071	1 842	12	36	181	76	20	35	26	23
Median	**36**	**36**	**39**	**33**	**36**	**37**	**32**	**34**	**41**	**42**
Household Composition by Age of Householder										
2-or-more person households	17 943	15 497	98	274	2 074	987	526	199	265	97
Married-couple families, no nonrelatives	10 386	9 057	41	138	1 151	515	357	104	122	54
Under 25 years	1 654	1 328	3	34	289	101	129	25	19	15
25 to 30 years	2 156	1 894	6	44	213	106	60	13	24	9
30 to 34 years	1 488	1 324	3	12	148	71	46	11	14	6
35 to 44 years	1 650	1 464	8	8	171	83	48	19	13	8
45 to 64 years	2 134	1 890	12	23	209	90	60	23	28	8
65 years and over	1 304	1 157	10	16	121	64	14	12	23	8
Other male householder	2 323	1 958	21	49	295	167	55	27	32	14
Under 45 years	1 861	1 604	15	43	199	117	40	20	14	7
45 to 64 years	349	269	3	6	70	37	14	7	12	2
65 years and over	114	84	3	–	26	13	2	–	6	4
Other female householder	5 234	4 482	36	88	629	305	114	69	112	29
Under 45 years	3 891	3 335	33	68	455	203	91	62	76	22
45 to 64 years	949	805	–	12	131	73	20	4	29	5
65 years and over	394	342	3	7	43	29	3	2	6	2
1-person households	9 957	8 652	47	217	1 040	452	216	161	128	83
Male householder	4 255	3 511	21	96	627	267	143	89	80	47
Under 45 years	2 751	2 335	11	56	349	137	83	62	39	27
45 to 64 years	881	704	8	22	147	72	22	20	20	13
65 years and over	624	472	2	19	131	58	38	8	21	7
Female householder	5 701	5 141	26	121	413	185	73	72	48	35
Under 45 years	1 991	1 782	10	51	149	63	38	24	19	5
45 to 64 years	1 220	1 089	4	18	108	43	21	20	16	9
65 years and over	2 490	2 270	12	52	156	78	14	28	13	22
Years of School Completed by Householder										
No school years completed	312	258	3	4	47	33	5	–	10	–
Elementary:										
less than 8 years	2 744	2 169	23	39	513	284	92	16	107	14
8 years	2 026	1 644	14	35	333	151	84	42	39	16
High school:										
1 to 3 years	4 615	3 899	24	85	607	311	137	63	58	38
4 years	8 751	7 630	45	160	917	363	262	109	132	51
College:										
1 to 3 years	5 073	4 539	18	85	432	193	104	70	42	23
4 years or more	4 378	4 010	17	84	266	104	59	60	6	37
Median	**12.5**	**12.5**	**12.2**	**12.5**	**12.1**	**11.4**	**12.2**	**12.5**	**11.2**	**12.4**

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 1993	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	**27 900**	**24 149**	**145**	**492**	**3 114**	**1 439**	**742**	**360**	**394**	**179**
Household Income										
Less than $5,000	6 012	4 911	26	116	959	451	185	89	184	50
$5,000 to $9,999	6 281	5 302	35	143	801	393	185	95	71	56
$10,000 to $14,999	5 399	4 688	28	108	576	240	152	83	61	40
$15,000 to $19,999	4 021	3 595	29	53	345	164	102	25	43	11
$20,000 to $24,999	2 591	2 360	15	27	189	91	61	24	11	3
$25,000 to $29,999	1 456	1 358	2	17	79	46	20	7	6	–
$30,000 to $34,999	823	753	6	12	53	15	11	12	7	7
$35,000 to $39,999	452	410	2	4	36	8	10	5	6	6
$40,000 to $49,999	449	404	1	11	33	17	7	5	2	2
$50,000 to $59,999	213	191	3	2	18	10	4	3	–	–
$60,000 to $74,999	89	77	–	–	12	2	5	–	3	2
$75,000 or more	114	100	–	–	14	2	–	9	–	3
Median	**11 535**	**11 986**	**12 168**	**9 534**	**8 733**	**8 415**	**10 023**	**9 745**	**5 937**	**8 542**
Monthly Housing Costs[1]										
Less than $100	1 621	1 284	12	36	288	150	34	30	67	7
$100 to $199	6 415	5 316	26	210	863	509	49	123	129	53
$200 to $249	5 085	4 558	30	108	390	205	38	49	59	39
$250 to $299	4 451	4 088	20	46	297	191	23	35	34	13
$300 to $349	2 985	2 798	11	27	148	80	10	22	10	26
$350 to $399	1 782	1 669	13	16	84	44	9	16	11	4
$400 to $449	835	795	5	7	28	18	5	5	–	–
$450 to $499	721	676	11	11	23	2	–	12	–	9
$500 to $599	700	655	3	9	33	6	3	14	–	11
$600 to $699	287	263	3	7	14	9	–	5	–	–
$700 to $799	42	38	–	1	3	–	3	–	–	–
$800 or more	–	–	–	–	–	–	–	–	–	–
No cash rent	1 500	1 237	10	8	246	104	53	28	50	12
Median	**244**	**249**	**247**	**197**	**192**	**190**	**204**	**203**	**169**	**226**

[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 1993	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	**27 410**	**25 252**	**153**	**389**	**1 616**	**829**	**202**	**199**	**259**	**128**
Tenure										
Owner occupied	13 861	13 201	89	107	463	223	142	47	37	14
Percent of all occupied	50.6	52.3	58.4	27.6	28.6	26.9	70.4	23.8	14.2	10.6
Renter occupied	13 549	12 050	64	282	1 154	605	60	152	222	114
Race and Origin[1]										
White	20 372	19 036	89	301	946	445	183	150	89	79
Non-Hispanic	19 230	17 974	84	292	881	406	177	143	80	75
Hispanic	1 142	1 062	5	9	65	38	7	8	9	4
Black	5 442	4 752	41	74	574	322	18	40	156	38
Other	1 596	1 463	23	15	96	62	–	9	14	11
Total Hispanic	2 141	1 958	16	26	141	90	7	12	19	13
Units in Structure										
1, detached	12 752	12 198	58	52	444	315	26	49	45	10
1, attached	1 813	1 686	16	12	99	48	2	16	24	9
2 to 4	4 681	4 052	66	223	340	183	6	63	73	15
5 to 9	1 736	1 541	4	33	159	80	–	30	37	13
10 to 19	1 771	1 616	3	19	133	77	3	11	26	15
20 to 49	1 571	1 454	3	16	98	54	–	9	26	9
50 or more	2 760	2 569	3	33	154	58	–	21	19	57
Mobile home or trailer (with no permanent room attached)	326	137	–	–	189	15	164	–	10	–
Condominiums										
Number of condominiums	744	739	1	–	4	–	–	–	2	2
Year Structure Built										
1979 to March 1980	541	510	1	4	26	9	13	–	2	2
1975 to 1978	1 661	1 584	7	7	64	11	44	4	2	3
1970 to 1974	2 608	2 471	8	1	129	31	57	5	11	26
1960 to 1969	4 976	4 750	10	29	188	71	45	29	24	19
1950 to 1959	5 002	4 694	12	57	239	136	22	30	43	8
1940 to 1949	3 765	3 404	23	42	296	177	4	34	63	18
1939 or earlier	8 856	7 839	91	251	675	394	16	97	115	53
Median	**1952**	**1952**	**1940**	**1940**	**1944**	**1941**	**1971**	**1941**	**1942**	**1946**
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	27 410	25 252	153	389	1 616	829	202	199	259	128
In central cities	27 410	25 252	153	389	1 616	829	202	199	259	128
Suburbs	...	...	...	...	...	...	...	...	...	...
Outside metropolitan statistical areas	...	...	...	...	...	...	...	...	...	...
Regions										
Northeast	6 240	5 780	55	130	275	121	7	49	59	38
Midwest	6 636	6 025	42	124	445	265	31	41	94	14
South	8 481	7 776	20	102	584	279	111	63	91	39
West	6 053	5 670	36	34	312	164	53	46	14	36
Urbanized Areas										
Inside urbanized areas	27 053	24 910	153	389	1 601	822	197	197	257	128
In central cities of (P)MSA's	27 053	24 910	153	389	1 601	822	197	197	257	128
Urban fringe	...	...	...	...	...	...	...	...	...	...
Outside urbanized areas	357	342	–	–	15	6	4	2	2	–
Other urban	321	308	–	–	13	6	4	–	2	–
Rural	36	34	–	–	2	–	–	2	–	–
Place Size[2]										
Less than 2,500 persons	–	–	–	–	–	–	–	–	–	–
2,500 to 9,999 persons	–	–	–	–	–	–	–	–	–	–
10,000 to 19,999 persons	111	104	–	–	7	2	3	2	–	–
20,000 to 49,999 persons	2 469	2 284	18	20	147	76	29	17	15	11
50,000 to 99,999 persons	3 856	3 583	21	32	219	108	44	25	25	17
100,000 to 249,999 persons	5 529	5 147	26	47	310	169	60	30	26	25
250,000 to 499,999 persons	4 705	4 337	18	70	281	141	29	39	59	13
500,000 to 999,999 persons	4 119	3 796	36	83	204	90	28	34	41	11
1,000,000 persons or more	6 621	6 000	34	137	449	242	9	53	94	52

[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 1993	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	**27 410**	**25 252**	**153**	**389**	**1 616**	**829**	**202**	**199**	**259**	**128**
Stories in Structure										
1 to 3	24 308	22 378	149	351	1 429	764	202	163	231	68
4 to 6	1 672	1 542	1	12	117	51	–	20	19	27
7 or more	1 431	1 332	3	26	70	13	–	16	9	32
Rooms										
1 room	712	539	5	21	147	61	4	19	10	53
2 rooms	1 393	1 256	5	29	103	48	4	18	18	16
3 rooms	3 815	3 354	7	99	355	194	32	56	57	15
4 rooms	5 449	4 954	19	92	383	158	89	37	84	15
5 rooms	5 999	5 574	33	55	338	193	44	39	50	13
6 rooms	5 066	4 805	28	55	178	93	28	21	28	9
7 rooms	2 701	2 587	22	24	68	48	2	7	9	3
8 rooms	1 302	1 258	8	9	28	21	–	–	2	4
9 rooms or more	973	923	27	8	16	13	–	2	–	–
Median	**4.9**	**5.0**	**5.8**	**4.0**	**4.0**	**4.2**	**4.2**	**3.7**	**4.0**	**2.2**
Bedrooms										
None	939	749	5	24	161	63	4	24	13	57
1	5 894	5 224	16	166	490	276	26	83	78	26
2	8 952	8 222	33	113	584	250	126	68	117	22
3	8 793	8 379	56	65	293	186	41	16	36	13
4 or more	2 832	2 677	44	22	89	53	4	7	15	9
Median	**2.3**	**2.3**	**2.9**	**1.5**	**1.8**	**1.8**	**2.1**	**1.4**	**1.8**	**.8**
Complete Bathrooms										
None	645	485	8	26	126	67	2	12	24	23
1	17 877	16 246	78	274	1 279	671	147	163	214	85
1 and one-half	3 487	3 353	17	36	81	48	17	11	2	3
2 or more	5 402	5 168	50	54	130	44	35	14	20	17

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 1993	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	**27 410**	**25 252**	**153**	**389**	**1 616**	**829**	**202**	**199**	**259**	**128**
Kitchen										
With complete kitchen facilities	26 881	24 851	153	373	1 503	780	202	190	246	86
Air Conditioning										
With air conditioning	15 622	14 744	40	179	659	277	141	101	74	66
Central	7 415	7 105	12	44	255	80	71	32	32	39
1 room unit	5 533	5 111	11	112	299	144	55	47	30	23
2 room units or more	2 674	2 528	17	24	105	53	16	21	11	4
None	11 788	10 507	113	210	958	552	61	98	185	61
Main Heating Equipment										
Warm-air furnace	12 674	11 942	58	139	534	248	140	36	79	30
Steam or hot water system	6 652	6 018	44	154	436	211	5	77	76	67
Electric heat pump	768	734	2	–	32	6	10	11	–	5
Built-in electric units	1 759	1 648	3	11	97	37	4	26	15	15
Floor, wall or pipeless furnace	1 909	1 787	12	20	91	56	8	8	13	6
Room heaters with flue	2 031	1 772	16	37	206	126	15	14	48	3
Room heaters without flue	903	743	8	22	130	77	14	20	20	–
Portable heaters, fireplaces, stoves	472	407	3	7	54	43	6	5	–	–
None	243	200	6	–	36	23	–	2	9	2
Plumbing										
Complete plumbing for exclusive use	26 966	24 927	148	374	1 518	777	202	187	240	112
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	280	217	3	16	45	26	–	6	8	4
Some, but not all plumbing facilities	111	81	2	–	28	16	–	2	9	–
No plumbing facilities	53	27	–	–	26	9	–	3	2	12
Source of Water										
Public system or private company	27 189	25 062	153	386	1 589	815	192	197	257	128
Well serving 1 to 5 units	217	188	–	4	25	13	8	2	2	–
Drilled	195	172	–	4	19	9	6	2	2	–
Dug	22	16	–	–	6	5	2	–	–	–
Other	4	2	–	–	2	–	2	–	–	–
Telephone										
Telephone (in housing unit)	25 324	23 652	145	324	1 203	615	167	162	165	94
No telephone (in housing unit)	2 086	1 600	8	65	413	214	35	37	94	34
Cars and Trucks Available[1]										
No cars, trucks or vans	6 227	5 385	36	157	649	344	18	62	154	72
Other households without cars	347	301	8	2	36	17	7	10	2	–
1 car with or without trucks or vans	12 530	11 620	69	169	672	341	125	89	78	38
2 cars	6 683	6 375	29	61	217	104	42	33	25	13
3 or more cars	1 624	1 570	12	–	42	23	10	5	–	5
With cars, no trucks or vans	17 188	16 137	86	208	758	386	131	104	88	49
1 truck or van with or without cars	3 672	3 425	30	21	196	94	49	28	17	7
2 or more trucks or vans	323	304	2	4	13	5	3	5	–	–

[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 1993	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	**27 410**	**25 252**	**153**	**389**	**1 616**	**829**	**202**	**199**	**259**	**128**
Main House Heating Fuel										
Housing units with heating fuel	27 167	25 051	147	389	1 580	805	202	197	251	126
Electricity	4 332	4 086	5	17	224	80	29	51	32	32
Piped gas	17 710	16 293	110	269	1 038	579	126	104	174	53
Bottled, tank, or LP gas	345	278	–	2	65	26	21	5	8	5
Fuel oil, kerosene, or other liquid fuel	4 497	4 155	32	91	219	105	25	32	32	25
Coal or coke	75	62	–	2	11	9	–	–	–	2
Wood	93	88	–	2	2	2	–	–	–	–
Other fuel	116	88	–	7	22	4	–	4	4	9
Cooking Fuel										
With cooking fuel	27 321	25 207	153	382	1 579	815	202	199	253	110
Electricity	10 991	10 549	36	49	357	162	47	71	32	45
Piped gas	15 855	14 290	110	321	1 132	625	120	126	208	54
Bottled, tank, or LP gas	386	286	6	12	82	26	35	2	13	6
Fuel oil, kerosene, or other liquid fuel	74	69	1	–	5	–	–	–	–	5
Coal or coke	2	2	–	–	–	–	–	–	–	–
Wood	3	3	–	–	–	–	–	–	–	–
Other fuel	9	7	–	–	2	2	–	–	–	–
Water Heating Fuel										
With hot piped water	27 410	25 252	153	389	1 616	829	202	199	259	128
Electricity	5 584	5 250	10	31	293	107	71	57	24	34
Piped gas	18 347	16 850	112	297	1 089	612	115	116	191	55
Bottled, tank, or LP gas	475	402	6	8	59	26	11	7	11	5
Fuel oil, kerosene, or other liquid fuel	2 807	2 607	23	53	125	63	4	17	25	16
Coal or coke	33	27	–	2	4	–	–	–	2	2
Wood	10	5	3	–	2	2	–	–	–	–
Other fuel	88	74	–	–	14	7	–	–	2	5
No fuel used	66	36	–	–	30	12	–	3	4	12

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 1993	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	**27 410**	**25 252**	**153**	**389**	**1 616**	**829**	**202**	**199**	**259**	**128**
Persons										
1 person	7 858	7 044	25	164	626	300	73	91	89	72
2 persons	8 415	7 832	48	114	421	196	67	71	62	24
3 persons	4 555	4 263	29	48	216	128	28	12	41	6
4 persons	3 279	3 088	8	34	149	85	20	12	23	9
5 persons	1 816	1 683	19	17	97	54	9	5	26	2
6 persons	796	737	9	7	42	24	2	2	7	7
7 persons or more	691	605	15	5	66	41	2	5	10	7
Median	**2.2**	**2.2**	**2.6**	**1.8**	**1.9**	**2.1**	**1.9**	**1.6**	**2.1**	**1.5-**
Age of Householder										
Under 25 years	2 619	2 319	10	52	238	127	38	19	36	18
25 to 29	3 440	3 131	20	71	217	111	23	39	31	13
30 to 34	3 106	2 902	8	34	162	86	19	27	24	7
35 to 44	4 276	3 962	24	42	248	117	23	22	57	29
45 to 54	3 960	3 713	24	41	183	94	22	24	27	16
55 to 64	4 181	3 890	29	44	218	92	37	31	43	15
65 to 74	3 575	3 264	23	53	236	148	28	21	25	13
75 years and over	2 253	2 071	15	52	114	53	11	16	18	17
Median	**46**	**46**	**51**	**44**	**43**	**43**	**44**	**42**	**42**	**44**
Household Composition by Age of Householder										
2-or-more person households	19 552	18 208	128	226	990	529	128	108	170	56
Married-couple families, no nonrelatives	13 342	12 675	76	121	469	241	91	49	59	29
Under 25 years	820	736	3	14	68	32	20	2	7	9
25 to 30 years	1 548	1 441	6	32	69	45	9	7	2	5
30 to 34 years	1 556	1 502	3	10	41	21	15	–	4	–
35 to 44 years	2 429	2 321	15	14	78	36	11	5	17	9
45 to 64 years	4 735	4 548	30	30	128	59	24	21	21	3
65 years and over	2 253	2 126	20	21	86	48	12	14	7	5
Other male householder	1 753	1 529	20	34	171	104	13	19	26	8
Under 45 years	1 194	1 048	12	25	108	73	6	16	11	2
45 to 64 years	387	331	5	6	46	22	6	3	11	4
65 years and over	172	149	3	3	17	9	2	–	4	2
Other female householder	4 457	4 004	32	71	351	184	24	40	85	18
Under 45 years	2 775	2 462	18	52	242	117	15	31	64	15
45 to 64 years	1 115	1 024	14	13	64	40	5	6	10	3
65 years and over	567	517	–	5	44	27	4	2	11	–
1-person households	7 858	7 044	25	164	626	300	73	91	89	72
Male householder	3 157	2 708	8	70	371	178	37	61	50	45
Under 45 years	1 808	1 595	2	28	183	77	21	35	25	25
45 to 64 years	730	610	3	20	97	48	8	14	14	13
65 years and over	619	503	3	22	91	53	9	12	11	7
Female householder	4 702	4 336	17	94	255	123	36	31	39	27
Under 45 years	1 311	1 207	2	24	77	40	7	11	17	2
45 to 64 years	1 174	1 090	2	16	66	17	17	10	13	9
65 years and over	2 217	2 039	12	54	112	65	12	9	9	16
Years of School Completed by Householder										
No school years completed	286	238	11	9	28	20	4	–	4	–
Elementary:										
less than 8 years	2 625	2 282	30	40	273	161	27	21	56	7
8 years	1 976	1 786	12	46	132	73	7	14	24	14
High school:										
1 to 3 years	4 421	4 034	18	54	315	176	29	23	56	31
4 years	8 062	7 434	41	101	486	224	93	48	88	33
College:										
1 to 3 years	4 868	4 574	19	67	207	95	28	41	24	20
4 years or more	5 174	4 904	22	73	175	80	13	51	7	23
Median	**12.5**	**12.6**	**12.1**	**12.5**	**12.1**	**11.8**	**12.4**	**12.9**	**11.2**	**12.4**

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 1993	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	**27 410**	**25 252**	**153**	**389**	**1 616**	**829**	**202**	**199**	**259**	**128**
Household Income										
Less than $5,000	4 454	3 840	19	94	501	261	47	57	99	37
$5,000 to $9,999	4 754	4 229	31	110	384	200	34	51	59	40
$10,000 to $14,999	4 350	4 032	15	64	240	112	39	30	37	23
$15,000 to $19,999	3 908	3 648	31	37	192	114	28	16	28	7
$20,000 to $24,999	3 185	3 027	14	29	114	65	18	14	13	4
$25,000 to $29,999	2 098	2 010	9	14	64	28	21	6	9	–
$30,000 to $34,999	1 524	1 445	13	17	50	20	7	12	4	7
$35,000 to $39,999	1 016	978	2	8	28	4	4	7	8	4
$40,000 to $49,999	1 106	1 061	10	9	26	20	–	2	2	2
$50,000 to $59,999	413	394	5	7	7	–	2	5	–	–
$60,000 to $74,999	258	250	4	–	4	2	–	–	–	2
$75,000 or more	343	337	–	–	6	2	2	–	–	3
Median	**15 187**	**15 719**	**16 894**	**9 542**	**9 001**	**8 829**	**12 653**	**9 160**	**7 560**	**8 382**
Monthly Housing Costs[1]										
Less than $100	900	769	3	18	109	54	–	9	40	7
$100 to $199	4 052	3 470	10	123	449	250	11	63	91	34
$200 to $249	3 496	3 208	15	61	211	118	5	22	45	21
$250 to $299	3 254	3 048	16	28	163	103	4	24	22	11
$300 to $349	2 368	2 256	3	14	95	59	–	12	8	16
$350 to $399	1 702	1 627	13	14	48	23	–	7	13	4
$400 to $449	1 067	1 036	8	5	19	17	2	–	–	–
$450 to $499	916	866	6	17	27	7	–	12	–	9
$500 to $599	1 110	1 079	2	7	22	4	–	6	–	11
$600 to $699	603	581	5	9	9	6	–	2	–	–
$700 to $799	294	288	5	1	–	–	–	–	–	–
$800 or more	423	418	3	–	2	2	–	–	–	–
No cash rent	305	273	5	1	26	13	–	5	5	4
Median	**275**	**281**	**298**	**206**	**204**	**208**	**...**	**215**	**177**	**235**
OWNER OCCUPIED UNITS										
Total	**13 861**	**13 201**	**89**	**107**	**463**	**223**	**142**	**47**	**37**	**14**
Value[2]										
Less than $10,000	365	324	4	–	37	22	5	–	9	–
$10,000 to $19,999	1 092	1 039	–	2	51	34	3	7	7	–
$20,000 to $29,999	1 726	1 670	2	5	48	36	–	7	5	–
$30,000 to $39,999	1 770	1 746	5	3	16	11	–	2	2	–
$40,000 to $49,999	1 732	1 695	7	10	20	9	5	7	–	–
$50,000 to $59,999	1 237	1 216	8	4	9	5	–	3	–	2
$60,000 to $69,999	987	972	2	4	9	7	–	2	–	–
$70,000 to $79,999	745	739	2	–	5	5	–	–	–	–
$80,000 to $99,999	811	793	7	–	11	9	–	–	–	2
$100,000 to $124,999	411	404	5	–	2	2	–	–	–	–
$125,000 to $149,999	270	266	–	–	5	5	–	–	–	–
$150,000 to $199,999	219	217	2	–	–	–	–	–	–	–
$200,000 or more	184	175	7	–	2	2	–	–	–	–
Median	**44 747**	**45 004**	**59 069**	**...**	**24 172**	**24 688**	**...**	**...**	**...**	**...**
Mortgages Currently on Property[3]										
None, owned free and clear	3 721	3 581	22	10	108	74	8	14	11	–
With mortgage or land contract	7 322	7 169	29	18	107	72	5	14	11	5
One mortgage or land contract	6 508	6 364	29	14	102	70	5	12	11	5
Two mortgages or more	814	805	–	4	5	2	–	2	–	–
Monthly Payment to Lender[3]										
Less than $100	803	773	3	–	28	14	3	5	5	2
$100 to $199	2 548	2 498	5	–	46	32	2	5	7	–
$200 to $249	868	844	7	6	11	11	–	–	–	–
$250 to $299	780	770	–	–	11	8	–	2	–	–
$300 to $349	571	566	2	–	2	–	–	–	–	2
$350 to $399	424	408	2	7	7	5	–	2	–	–
$400 to $449	361	355	2	4	–	–	–	–	–	–
$450 to $499	235	233	2	–	–	–	–	–	–	–
$500 to $599	313	311	3	–	–	–	–	–	–	–
$600 to $699	144	142	2	–	–	–	–	–	–	–
$700 to $799	115	113	–	–	2	2	–	–	–	–
$800 to $999	85	85	–	–	–	–	–	–	–	–
$1,000 to $1,249	41	41	–	–	–	–	–	–	–	–
$1,250 to $1,499	12	12	–	–	–	–	–	–	–	–
$1,500 or more	19	19	–	–	–	–	–	–	–	–
Median	**218**	**219**	**...**	**...**	**156**	**170**	**...**	**...**	**...**	**...**
Monthly Housing Costs[4]										
Less than $100	5	2	–	–	2	–	–	–	–	2
$100 to $199	439	425	–	–	14	9	3	–	2	–
$200 to $249	702	690	3	–	9	7	–	2	–	–
$250 to $299	944	921	2	–	21	14	2	2	2	–
$300 to $349	943	925	–	–	18	16	–	–	2	–
$350 to $399	879	857	5	4	14	7	–	5	2	–
$400 to $449	706	700	2	–	4	4	–	–	–	–
$450 to $499	560	543	2	6	9	5	–	2	–	2
$500 to $599	807	796	2	5	4	4	–	–	–	–
$600 to $699	484	477	5	3	–	–	–	–	–	–
$700 to $799	286	282	5	–	–	–	–	–	–	–
$800 or more	423	418	3	–	2	2	–	–	–	–
No cash rent	...	...	...	...	...	...	...	...	...	...
Median	**382**	**382**	**...**	**...**	**307**	**312**	**...**	**...**	**...**	**...**

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 1993	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	**13 549**	**12 050**	**64**	**282**	**1 154**	**605**	**60**	**152**	**222**	**114**
Monthly Housing Costs[5]										
Less than $100	895	767	3	18	107	54	–	9	40	4
$100 to $199	3 613	3 045	10	123	435	241	9	63	88	34
$200 to $249	2 794	2 518	12	61	202	111	5	20	45	21
$250 to $299	2 310	2 127	14	28	142	89	2	21	20	11
$300 to $349	1 425	1 331	3	14	77	43	–	12	6	16
$350 to $399	823	771	8	10	34	17	–	2	11	4
$400 to $449	361	336	5	5	15	13	2	–	–	–
$450 to $499	356	323	4	11	18	2	–	9	–	7
$500 to $599	303	284	–	2	17	–	–	6	–	11
$600 to $699	119	104	–	7	9	6	–	2	–	–
$700 to $799	8	7	–	1	–	–	–	–	–	–
$800 or more	–	–	–	–	–	–	–	–	–	–
No cash rent	305	273	5	1	26	13	–	5	5	4
Median	**236**	**240**	**264**	**199**	**197**	**197**	**...**	**202**	**174**	**236**

[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 1993	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	**34 654**	**31 874**	**191**	**221**	**2 367**	**798**	**1 196**	**192**	**116**	**64**
Tenure										
Owner occupied	25 082	23 401	135	87	1 460	377	914	89	50	30
Percent of all occupied	72.4	73.4	70.4	39.2	61.7	47.2	76.4	46.3	42.9	47.3
Renter occupied	9 572	8 473	57	135	907	422	283	103	66	34
Race and Origin[1]										
White	31 776	29 306	184	203	2 084	637	1 138	177	81	50
Non-Hispanic	30 917	28 518	177	203	2 020	592	1 124	177	76	50
Hispanic	859	787	7	–	64	45	14	–	5	–
Black	1 884	1 645	8	19	212	120	38	12	35	8
Other	994	923	–	–	71	42	21	2	–	7
Total Hispanic	1 355	1 237	7	–	111	77	21	3	5	5
Units in Structure										
1, detached	23 938	22 850	114	55	918	544	169	110	71	24
1, attached	1 288	1 237	6	2	44	16	6	13	7	3
2 to 4	2 795	2 472	66	108	149	77	10	38	14	9
5 to 9	1 290	1 225	–	9	56	39	7	4	6	–
10 to 19	1 360	1 288	–	17	55	30	3	3	5	14
20 to 49	912	869	5	7	30	14	–	6	2	9
50 or more	1 178	1 135	–	20	23	8	5	5	2	2
Mobile home or trailer (with no permanent room attached)	1 893	798	–	2	1 092	71	997	12	9	3
Condominiums										
Number of condominiums	1 027	1 009	–	8	11	6	–	–	5	–
Year Structure Built										
1979 to March 1980	1 109	1 000	–	11	98	18	65	5	4	5
1975 to 1978	4 060	3 733	5	9	313	47	248	10	8	–
1970 to 1974	5 133	4 665	10	5	453	73	358	12	10	–
1960 to 1969	8 166	7 659	18	21	467	112	318	14	7	16
1950 to 1959	6 849	6 404	54	35	355	151	120	43	23	19
1940 to 1949	3 307	3 038	26	30	212	121	42	27	14	9
1939 or earlier	6 032	5 375	79	110	468	276	46	80	50	16
Median	**1961**	**1961**	**1946**	**1940**	**1962**	**1949**	**1971**	**1945**	**1944**	**1953**
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	34 654	31 874	191	221	2 367	798	1 196	192	116	64
In central cities	...	...	...	...	...	...	...	...	...	...
Suburbs	34 654	31 874	191	221	2 367	798	1 196	192	116	64
Outside metropolitan statistical areas	...	...	...	...	...	...	...	...	...	...
Regions										
Northeast	9 124	8 651	79	101	294	87	135	37	18	18
Midwest	8 192	7 678	45	52	417	149	213	34	17	5
South	10 124	8 832	23	41	1 228	385	638	98	80	27
West	7 214	6 713	44	28	429	178	211	23	2	15
Urbanized Areas										
Inside urbanized areas	24 191	22 849	124	147	1 070	446	434	88	58	44
In central cities of (P)MSA's	...	...	...	...	...	...	...	...	...	...
Urban fringe	24 191	22 849	124	147	1 070	446	434	88	58	44
Outside urbanized areas	10 464	9 025	68	74	1 297	352	762	104	58	20
Other urban	2 718	2 438	21	44	215	79	90	37	2	7
Rural	7 746	6 587	47	30	1 082	273	672	67	56	13
Place Size[2]										
Less than 2,500 persons	1 586	1 420	16	6	144	62	60	12	10	–
2,500 to 9,999 persons	5 355	4 912	41	45	357	124	159	45	16	13
10,000 to 19,999 persons	5 130	4 821	30	45	234	117	75	25	10	7
20,000 to 49,999 persons	6 959	6 623	38	53	246	117	78	25	16	9
50,000 to 99,999 persons	3 646	3 504	12	16	114	54	35	14	7	5
100,000 to 249,999 persons	1 038	997	2	10	29	20	7	–	–	2
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 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 1993	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	**34 654**	**31 874**	**191**	**221**	**2 367**	**798**	**1 196**	**192**	**116**	**64**
Stories in Structure										
1 to 3	33 874	31 127	191	207	2 349	796	1 196	183	109	64
4 to 6	456	430	–	7	18	3	–	9	7	–
7 or more	324	317	–	8	–	–	–	–	–	–
Rooms										
1 room	302	237	3	21	41	19	9	2	6	4
2 rooms	807	664	6	25	113	34	50	10	5	14
3 rooms	2 587	2 249	12	33	293	112	125	30	20	6
4 rooms	5 589	4 741	26	47	774	202	498	46	22	7
5 rooms	7 884	7 264	28	39	552	152	339	29	26	7
6 rooms	7 426	7 030	40	19	337	170	114	37	11	5
7 rooms	4 921	4 764	19	15	123	54	37	16	11	5
8 rooms	2 814	2 679	27	16	92	35	24	17	10	5
9 rooms or more	2 324	2 247	29	5	43	21	–	5	5	12
Median	**5.5**	**5.6**	**6.0**	**4.2**	**4.5**	**4.7**	**4.3**	**4.8**	**4.7**	**4.7**
Bedrooms										
None	409	333	4	23	48	22	9	2	6	9
1	3 847	3 376	23	78	371	147	149	49	14	12
2	10 080	8 836	48	59	1 136	328	674	66	51	18
3	14 473	13 725	54	49	645	222	340	51	22	9
4 or more	5 845	5 604	63	11	167	79	24	24	23	17
Median	**2.7**	**2.7**	**2.9**	**1.7**	**2.2**	**2.2**	**2.2**	**2.2**	**2.2**	**2.2**
Complete Bathrooms										
None	562	407	–	29	126	76	24	9	17	–
1	17 004	15 188	92	133	1 593	559	796	118	71	48
1 and one-half	6 068	5 772	20	17	258	69	152	20	12	5
2 or more	11 020	10 508	80	43	390	94	224	44	16	12

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 1993	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	**34 654**	**31 874**	**191**	**221**	**2 367**	**798**	**1 196**	**192**	**116**	**64**
Kitchen										
With complete kitchen facilities	34 208	31 546	189	201	2 272	752	1 180	180	101	60
Air Conditioning										
With air conditioning	20 744	19 322	88	105	1 230	312	755	87	46	31
Central	11 085	10 461	19	32	573	117	380	39	17	20
1 room unit	6 219	5 605	39	68	507	148	304	26	21	9
2 room units or more	3 440	3 255	30	5	150	47	71	22	8	2
None	13 910	12 552	104	117	1 137	487	441	104	71	34
Main Heating Equipment										
Warm-air furnace	18 914	17 547	77	73	1 217	276	812	84	24	21
Steam or hot water system	5 880	5 547	67	95	170	77	7	43	18	25
Electric heat pump	1 454	1 372	6	3	72	18	45	6	–	2
Built-in electric units	2 680	2 550	13	11	106	22	64	10	5	5
Floor, wall or pipeless furnace	1 833	1 660	14	12	147	70	62	8	8	–
Room heaters with flue	1 723	1 416	6	20	281	141	101	15	16	7
Room heaters without flue	776	620	–	–	156	84	40	9	20	3
Portable heaters, fireplaces, stoves	1 169	965	5	8	190	86	63	15	25	2
None	226	196	2	–	27	25	2	–	–	–
Plumbing										
Complete plumbing for exclusive use	34 242	31 585	191	195	2 271	741	1 179	185	101	64
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	167	139	–	18	9	2	4	3	–	–
Some, but not all plumbing facilities	125	99	–	–	26	14	5	–	7	–
No plumbing facilities	120	50	–	8	61	41	8	4	8	–
Source of Water										
Public system or private company	28 912	26 945	158	202	1 608	572	774	139	69	54
Well serving 1 to 5 units	5 470	4 700	28	20	722	224	397	50	45	7
Drilled	4 827	4 176	25	18	609	184	349	39	31	5
Dug	642	524	2	2	114	39	47	11	13	2
Other	272	229	6	–	37	2	26	2	3	4
Telephone										
Telephone (in housing unit)	33 151	30 768	184	199	2 000	662	1 027	172	87	51
No telephone (in housing unit)	1 503	1 106	7	22	367	136	169	20	29	13
Cars and Trucks Available[1]										
No cars, trucks or vans	2 461	2 107	13	43	298	136	95	19	31	16
Other households without cars	504	398	7	6	92	29	52	9	2	–
1 car with or without trucks or vans	15 185	13 803	82	112	1 188	366	661	97	39	25
2 cars	12 707	11 977	54	53	623	209	313	47	35	19
3 or more cars	3 797	3 589	35	7	165	59	75	19	9	4
With cars, no trucks or vans	23 393	21 812	128	128	1 324	425	675	130	61	32
1 truck or van with or without cars	7 876	7 129	40	41	665	217	371	40	23	14
2 or more trucks or vans	924	825	10	9	80	21	55	2	–	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 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 1993	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	**34 654**	**31 874**	**191**	**221**	**2 367**	**798**	**1 196**	**192**	**116**	**64**
Main House Heating Fuel										
Housing units with heating fuel	34 428	31 678	189	221	2 340	773	1 194	192	116	64
Electricity	6 615	6 152	25	17	421	109	252	40	8	12
Piped gas	18 660	17 559	98	111	892	351	399	66	48	28
Bottled, tank, or LP gas	1 451	1 034	3	4	410	108	283	8	7	4
Fuel oil, kerosene, or other liquid fuel	6 810	6 185	61	82	481	154	215	61	33	19
Coal or coke	160	132	2	–	26	3	5	6	11	–
Wood	697	590	–	–	107	47	38	11	8	2
Other fuel	35	25	–	7	3	3	–	–	–	–
Cooking Fuel										
With cooking fuel	34 615	31 849	191	213	2 362	796	1 196	192	113	64
Electricity	19 627	18 520	95	97	914	332	403	109	45	26
Piped gas	12 806	11 830	84	105	787	295	359	66	42	25
Bottled, tank, or LP gas	2 080	1 417	13	11	640	155	430	17	26	12
Fuel oil, kerosene, or other liquid fuel	45	36	–	–	9	6	2	–	–	2
Coal or coke	10	10	–	–	–	–	–	–	–	–
Wood	44	34	–	–	11	8	3	–	–	–
Other fuel	2	2	–	–	–	–	–	–	–	–
Water Heating Fuel										
With hot piped water	34 654	31 874	191	221	2 367	798	1 196	192	116	64
Electricity	11 442	10 183	51	52	1 156	300	727	70	37	21
Piped gas	18 535	17 562	101	106	765	341	275	74	48	28
Bottled, tank, or LP gas	1 412	1 109	5	6	291	76	179	12	17	7
Fuel oil, kerosene, or other liquid fuel	3 046	2 883	34	46	82	29	7	32	6	9
Coal or coke	31	29	–	–	3	3	–	–	–	–
Wood	41	33	–	2	5	5	–	–	–	–
Other fuel	23	20	–	–	3	3	–	–	–	–
No fuel used	124	55	–	8	61	41	8	4	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 1993	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	**34 654**	**31 874**	**191**	**221**	**2 367**	**798**	**1 196**	**192**	**116**	**64**
Persons										
1 person	6 521	5 753	45	82	641	192	334	63	38	14
2 persons	11 020	10 236	35	88	661	230	324	50	36	21
3 persons	6 226	5 708	41	16	461	127	279	32	5	18
4 persons	5 911	5 583	34	24	270	97	133	17	17	7
5 persons	3 053	2 842	19	–	192	89	75	17	8	3
6 persons	1 242	1 162	–	4	76	27	37	5	4	2
7 persons or more	681	590	17	8	66	35	16	8	8	–
Median	**2.5**	**2.5**	**2.9**	**1.8**	**2.3**	**2.4**	**2.3**	**2.2**	**2.1**	**2.4**
Age of Householder										
Under 25 years	2 251	1 864	12	35	339	84	206	20	13	15
25 to 29	3 699	3 352	10	24	314	97	172	17	21	7
30 to 34	4 242	3 942	11	25	264	84	137	24	17	2
35 to 44	6 600	6 180	44	28	349	134	177	28	5	6
45 to 54	5 787	5 421	40	28	299	117	129	29	14	10
55 to 64	5 855	5 451	38	21	345	113	175	30	17	10
65 to 74	3 943	3 618	20	30	275	83	135	32	13	12
75 years and over	2 277	2 045	17	32	182	87	66	11	16	2
Median	**46**	**46**	**50**	**45**	**43**	**45**	**40**	**47**	**46**	**47**
Household Composition by Age of Householder										
2-or-more person households	28 134	26 121	146	140	1 726	606	863	129	78	51
Married-couple families, no nonrelatives	22 975	21 541	86	109	1 239	390	691	82	50	26
Under 25 years	1 109	877	–	13	220	47	151	6	7	9
25 to 30 years	2 377	2 181	2	13	180	43	117	6	10	4
30 to 34 years	3 047	2 882	–	18	146	49	83	4	10	–
35 to 44 years	4 991	4 754	27	9	202	82	102	15	2	–
45 to 64 years	8 381	7 986	45	34	316	115	150	34	13	5
65 years and over	3 069	2 861	12	23	173	54	88	16	8	7
Other male householder	1 755	1 557	18	14	165	78	56	13	8	11
Under 45 years	1 144	1 006	13	9	116	60	46	6	–	4
45 to 64 years	450	414	–	2	34	11	10	6	–	7
65 years and over	161	138	5	2	16	8	–	–	8	–
Other female householder	3 404	3 023	42	17	323	138	116	34	21	14
Under 45 years	1 883	1 658	22	5	198	65	88	30	9	7
45 to 64 years	1 017	913	13	4	87	45	25	2	12	2
65 years and over	504	451	7	8	37	28	3	2	–	5
1-person households	6 521	5 753	45	82	641	192	334	63	38	14
Male householder	2 548	2 150	25	41	332	100	174	28	23	6
Under 45 years	1 406	1 218	9	28	151	38	80	16	14	4
45 to 64 years	638	519	10	5	105	37	53	6	6	3
65 years and over	504	414	7	8	75	26	40	6	3	–
Female householder	3 972	3 603	20	41	309	92	160	35	15	7
Under 45 years	834	760	5	17	52	15	25	5	5	2
45 to 64 years	1 156	1 042	10	3	101	22	65	11	–	2
65 years and over	1 982	1 800	5	21	156	55	70	19	10	3
Years of School Completed by Householder										
No school years completed	183	158	–	–	24	15	5	2	3	–
Elementary:										
less than 8 years	2 577	2 207	8	16	346	157	135	21	23	10
8 years	2 453	2 135	21	15	282	96	135	22	21	7
High school:										
1 to 3 years	4 807	4 292	37	55	423	139	236	24	12	12
4 years	11 471	10 528	83	64	796	224	469	53	33	18
College:										
1 to 3 years	6 053	5 672	12	30	339	123	149	48	15	4
4 years or more	7 110	6 880	31	41	158	45	67	22	9	14
Median	**12.6**	**12.7**	**12.4**	**12.4**	**12.1**	**11.8**	**12.2**	**12.5**	**11.6**	**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 1993	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	**34 654**	**31 874**	**191**	**221**	**2 367**	**798**	**1 196**	**192**	**116**	**64**
Household Income										
Less than $5,000	3 175	2 632	15	46	482	163	223	34	44	18
$5,000 to $9,999	4 529	3 978	34	42	476	163	230	52	21	10
$10,000 to $14,999	4 577	4 054	28	31	463	160	228	41	18	16
$15,000 to $19,999	4 866	4 411	17	28	410	122	245	12	19	11
$20,000 to $24,999	4 698	4 422	26	15	234	75	136	16	5	3
$25,000 to $29,999	3 765	3 628	16	11	109	39	62	4	2	3
$30,000 to $34,999	2 890	2 796	10	15	69	28	32	7	3	–
$35,000 to $39,999	1 930	1 859	22	7	43	17	17	6	–	2
$40,000 to $49,999	2 133	2 073	10	12	38	25	5	5	2	–
$50,000 to $59,999	907	876	9	5	17	8	3	3	3	–
$60,000 to $74,999	570	560	–	–	9	–	6	3	–	–
$75,000 or more	615	586	5	8	17	–	8	6	–	2
Median	**20 192**	**20 975**	**20 371**	**13 589**	**12 440**	**12 308**	**13 167**	**11 167**	**8 436**	**11 419**
Monthly Housing Costs[1]										
Less than $100	325	263	2	9	51	25	3	14	10	–
$100 to $199	1 866	1 615	8	53	190	123	22	22	16	7
$200 to $249	2 408	2 235	15	30	127	74	21	10	11	11
$250 to $299	2 966	2 819	13	10	124	87	15	11	9	2
$300 to $349	2 574	2 483	15	13	62	40	9	7	2	4
$350 to $399	2 244	2 164	7	6	67	44	12	11	–	–
$400 to $449	1 815	1 790	3	2	21	8	3	10	–	–
$450 to $499	1 603	1 570	17	3	13	6	–	3	3	2
$500 to $599	2 389	2 330	7	11	41	17	11	7	5	–
$600 to $699	1 567	1 546	10	–	11	3	3	5	–	–
$700 to $799	871	849	–	3	19	8	6	–	5	–
$800 or more	1 411	1 388	7	12	5	5	–	–	–	–
No cash rent	513	439	2	2	69	36	14	5	9	5
Median	**370**	**376**	**343**	**223**	**249**	**248**	**272**	**271**	**222**	**...**
OWNER OCCUPIED UNITS										
Total	**25 082**	**23 401**	**135**	**87**	**1 460**	**377**	**914**	**89**	**50**	**30**
Value[2]										
Less than $10,000	305	260	–	2	42	23	12	2	3	2
$10,000 to $19,999	821	758	2	–	62	44	8	7	3	–
$20,000 to $29,999	1 649	1 590	10	6	43	35	7	–	–	–
$30,000 to $39,999	2 623	2 567	10	3	43	27	10	–	6	–
$40,000 to $49,999	3 061	2 990	7	3	61	38	9	12	3	–
$50,000 to $59,999	2 815	2 749	14	6	46	23	12	9	–	3
$60,000 to $69,999	2 509	2 482	5	8	15	3	8	3	–	–
$70,000 to $79,999	1 975	1 929	7	4	34	17	9	5	–	2
$80,000 to $99,999	2 154	2 122	4	4	23	8	3	4	7	–
$100,000 to $124,999	1 081	1 053	5	9	14	8	3	–	–	3
$125,000 to $149,999	621	608	4	–	8	3	–	3	3	–
$150,000 to $199,999	595	584	4	4	3	3	–	–	–	–
$200,000 or more	357	349	2	–	6	3	4	–	–	–
Median	**56 477**	**56 751**	**55 971**	**...**	**41 622**	**35 337**	**46 485**	**...**	**...**	**...**
Mortgages Currently on Property[3]										
None, owned free and clear	6 084	5 840	25	18	201	117	39	28	8	10
With mortgage or land contract	13 694	13 427	52	24	192	116	46	17	13	–
One mortgage or land contract	12 205	11 978	47	21	158	93	40	15	11	–
Two mortgages or more	1 489	1 449	4	2	33	23	6	2	2	–
Monthly Payment to Lender[3]										
Less than $100	967	927	5	–	35	25	6	3	–	–
$100 to $199	3 525	3 452	14	2	57	32	21	5	–	–
$200 to $249	1 727	1 687	15	–	25	17	4	2	3	–
$250 to $299	1 567	1 540	5	–	23	17	3	2	–	–
$300 to $349	1 343	1 341	–	–	3	–	–	3	–	–
$350 to $399	1 116	1 106	2	–	8	3	3	2	–	–
$400 to $449	898	875	2	9	11	6	–	–	5	–
$450 to $499	637	613	2	–	21	11	6	–	5	–
$500 to $599	797	784	2	3	8	5	3	–	–	–
$600 to $699	503	496	4	3	–	–	–	–	–	–
$700 to $799	212	206	–	6	–	–	–	–	–	–
$800 to $999	246	246	–	–	–	–	–	–	–	–
$1,000 to $1,249	96	96	–	–	–	–	–	–	–	–
$1,250 to $1,499	24	24	–	–	–	–	–	–	–	–
$1,500 or more	32	32	–	–	–	–	–	–	–	–
Median	**270**	**271**	**224**	**...**	**208**	**203**	**...**	**...**	**...**	**...**
Monthly Housing Costs[4]										
Less than $100	8	8	–	–	–	–	–	–	–	–
$100 to $199	481	457	2	–	21	17	–	3	–	–
$200 to $249	858	827	3	–	28	22	6	–	–	–
$250 to $299	1 273	1 243	7	–	23	8	12	2	–	–
$300 to $349	1 263	1 242	7	–	14	9	3	2	–	–
$350 to $399	1 394	1 365	2	–	26	20	7	–	–	–
$400 to $449	1 400	1 384	3	2	10	6	–	5	–	–
$450 to $499	1 258	1 234	10	3	11	6	–	3	3	–
$500 to $599	2 018	1 985	5	4	25	12	9	–	5	–
$600 to $699	1 402	1 390	7	–	5	–	3	2	–	–
$700 to $799	839	819	–	3	16	8	3	–	5	–
$800 or more	1 411	1 388	7	12	5	5	–	–	–	–
No cash rent	...	...	...	...	...	...	...	...	...	...
Median	**455**	**456**	**460**	**...**	**364**	**348**	**...**	**...**	**...**	**...**

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 1993	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	**9 572**	**8 473**	**57**	**135**	**907**	**422**	**283**	**103**	**66**	**34**
Monthly Housing Costs[5]										
Less than $100	318	255	2	9	51	25	3	14	10	–
$100 to $199	1 386	1 158	6	53	169	105	22	18	16	7
$200 to $249	1 550	1 408	13	30	99	52	15	10	11	11
$250 to $299	1 692	1 575	6	10	101	78	3	9	9	2
$300 to $349	1 311	1 241	8	13	49	31	6	5	2	4
$350 to $399	851	798	5	6	41	24	6	11	–	–
$400 to $449	416	406	–	–	10	2	3	5	–	–
$450 to $499	345	335	7	–	2	–	–	–	–	2
$500 to $599	371	345	3	7	16	6	3	7	–	–
$600 to $699	165	156	3	–	6	3	–	3	–	–
$700 to $799	32	30	–	–	3	–	3	–	–	–
$800 or more	–	–	–	–	–	–	–	–	–	–
No cash rent	513	439	2	2	69	36	14	5	9	5
Median	**278**	**283**	**296**	**204**	**227**	**232**	**221**	**247**	**...**	**...**

[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 1993	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	**18 839**	**15 991**	**88**	**116**	**2 644**	**871**	**1 346**	**175**	**194**	**58**
Tenure										
Owner occupied	14 060	12 366	63	41	1 590	459	946	69	89	27
Percent of all occupied	74.6	77.3	71.9	35.2	60.2	52.7	70.3	39.6	46.0	46.5
Renter occupied	4 779	3 626	25	75	1 053	411	400	106	105	31
Race and Origin[1]										
White	17 176	14 732	88	110	2 246	673	1 227	169	123	55
Non-Hispanic	16 955	14 550	88	107	2 210	654	1 212	166	123	55
Hispanic	221	182	–	3	36	18	15	3	–	–
Black	1 331	1 033	–	5	293	166	70	–	54	3
Other	332	227	–	–	105	32	49	6	18	–
Total Hispanic	379	287	–	3	89	34	36	6	13	–
Units in Structure										
1, detached	14 372	13 111	39	8	1 214	627	307	92	153	35
1, attached	302	276	2	3	22	12	3	7	–	–
2 to 4	1 355	1 049	35	89	182	83	33	41	22	3
5 to 9	404	318	11	16	59	41	–	14	–	3
10 to 19	372	337	–	–	35	13	11	3	5	3
20 to 49	201	179	–	–	22	9	3	3	3	3
50 or more	167	154	–	–	13	–	4	3	–	6
Mobile home or trailer (with no permanent room attached)	1 665	567	–	–	1 098	85	985	12	11	5
Condominiums										
Number of condominiums	85	79	2	–	3	–	3	–	–	–
Year Structure Built										
1979 to March 1980	613	491	–	3	119	27	81	3	8	–
1975 to 1978	2 189	1 825	2	7	355	75	268	12	–	–
1970 to 1974	2 409	1 928	2	–	478	49	406	9	12	3
1960 to 1969	2 976	2 532	12	14	418	83	288	15	18	13
1950 to 1959	2 606	2 314	5	18	270	101	97	43	20	9
1940 to 1949	2 031	1 748	2	23	258	125	71	8	42	12
1939 or earlier	6 015	5 154	64	52	745	410	135	85	94	21
Median	**1954**	**1954**	**1940**	**1942**	**1960**	**1941**	**1971**	**1941**	**1940**	**1947**
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	...	...	...	...	...	...	...	...	...	...
In central cities	...	...	...	...	...	...	...	...	...	...
Suburbs	...	...	...	...	...	...	...	...	...	...
Outside metropolitan statistical areas	18 839	15 991	88	116	2 644	871	1 346	175	194	58
Regions										
Northeast	2 078	1 825	24	23	206	86	81	27	8	5
Midwest	6 230	5 595	37	43	555	216	243	56	29	11
South	7 956	6 456	24	25	1 450	476	744	58	138	35
West	2 575	2 116	2	25	432	93	278	33	20	8
Urbanized Areas										
Inside urbanized areas	...	...	...	...	...	...	...	...	...	...
In central cities of (P)MSA's	...	...	...	...	...	...	...	...	...	...
Urban fringe	559	476	4	16	62	27	23	6	3	3
Outside urbanized areas	18 280	15 515	83	100	2 581	844	1 322	169	191	55
Other urban	7 184	6 372	47	61	704	285	276	84	28	31
Rural	11 096	9 143	36	39	1 877	559	1 046	85	163	24
Place Size[2]										
Less than 2,500 persons	2 848	2 476	19	23	329	125	144	30	23	8
2,500 to 9,999 persons	3 147	2 763	27	30	325	117	148	44	11	6
10,000 to 19,999 persons	2 608	2 344	2	20	241	97	75	37	11	22
20,000 to 49,999 persons	1 906	1 670	22	27	187	98	71	6	6	7
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 1993	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	**18 839**	**15 991**	**88**	**116**	**2 644**	**871**	**1 346**	**175**	**194**	**58**
Stories in Structure										
1 to 3	18 766	15 931	88	113	2 635	871	1 346	175	194	49
4 to 6	42	39	–	3	–	–	–	–	–	–
7 or more	31	22	–	–	9	–	–	–	–	9
Rooms										
1 room	123	69	3	2	49	18	19	6	–	6
2 rooms	337	242	2	4	89	29	37	9	14	–
3 rooms	1 178	829	12	31	306	95	142	32	31	6
4 rooms	3 744	2 783	7	45	908	253	538	52	53	13
5 rooms	4 908	4 181	13	22	693	215	382	38	40	17
6 rooms	4 157	3 768	15	13	362	156	150	18	33	5
7 rooms	2 346	2 219	17	–	110	51	42	11	3	3
8 rooms	1 121	1 043	4	–	73	33	24	3	6	7
9 rooms or more	925	857	14	–	54	21	12	6	15	–
Median	**5.3**	**5.5**	**5.9**	**4.0**	**4.5**	**4.7**	**4.4**	**4.3**	**4.5**	**4.7**
Bedrooms										
None	155	92	3	2	58	21	19	9	3	6
1	1 706	1 301	22	38	346	118	143	43	39	3
2	6 305	4 928	18	59	1 301	376	753	77	70	25
3	8 097	7 285	16	14	782	305	376	28	56	18
4 or more	2 575	2 387	29	3	156	50	55	18	27	7
Median	**2.7**	**2.7**	**2.6**	**1.8**	**2.2**	**2.3**	**2.2**	**2.0**	**2.3**	**2.3**
Complete Bathrooms										
None	912	558	13	9	332	168	89	12	63	–
1	11 599	9 672	41	99	1 787	593	894	136	119	45
1 and one-half	2 623	2 395	14	7	207	46	152	3	3	3
2 or more	3 705	3 366	19	1	318	63	210	24	10	10

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 1993	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	**18 839**	**15 991**	**88**	**116**	**2 644**	**871**	**1 346**	**175**	**194**	**58**
Kitchen										
With complete kitchen facilities	18 310	15 675	82	111	2 442	793	1 289	172	140	47
Air Conditioning										
With air conditioning	9 197	8 018	53	34	1 092	285	651	62	53	40
Central	3 906	3 543	7	9	347	55	261	14	9	9
1 room unit	3 963	3 319	34	22	589	196	310	33	32	18
2 room units or more	1 328	1 157	12	4	155	35	80	15	12	13
None	9 641	7 973	34	82	1 552	585	695	113	142	18
Main Heating Equipment										
Warm-air furnace	8 693	7 430	28	50	1 185	247	823	61	32	22
Steam or hot water system	1 597	1 460	25	17	95	40	19	24	–	11
Electric heat pump	624	577	–	4	43	6	25	–	3	9
Built-in electric units	1 839	1 650	5	19	166	63	79	16	3	6
Floor, wall or pipeless furnace	1 173	1 026	6	6	135	50	54	12	11	7
Room heaters with flue	2 002	1 582	10	9	401	177	145	41	34	3
Room heaters without flue	999	770	2	8	219	104	66	9	40	–
Portable heaters, fireplaces, stoves	1 899	1 487	12	3	398	183	135	12	68	–
None	13	10	–	–	3	–	–	–	3	–
Plumbing										
Complete plumbing for exclusive use	18 094	15 547	85	107	2 355	722	1 275	163	137	58
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	85	61	–	6	18	7	6	6	–	–
Some, but not all plumbing facilities	373	221	3	3	147	92	30	6	18	–
No plumbing facilities	286	162	–	–	124	50	35	–	40	–
Source of Water										
Public system or private company	12 771	11 083	74	102	1 512	531	707	130	96	47
Well serving 1 to 5 units	5 474	4 461	9	11	992	290	559	42	90	11
Drilled	4 612	3 831	2	11	768	207	454	37	61	8
Dug	861	630	7	–	225	83	105	5	28	3
Other	594	447	5	3	139	49	79	3	8	–
Telephone										
Telephone (in housing unit)	17 121	14 957	75	97	1 993	648	1 030	144	121	50
No telephone (in housing unit)	1 717	1 034	13	19	651	222	315	31	74	8
Cars and Trucks Available[1]										
No cars, trucks or vans	1 834	1 382	20	19	413	186	134	25	51	17
Other households without cars	597	445	4	3	145	31	87	7	12	8
1 car with or without trucks or vans	9 717	8 226	44	71	1 376	427	747	113	71	18
2 cars	5 302	4 665	17	19	601	187	321	22	56	14
3 or more cars	1 389	1 273	2	4	109	40	57	8	4	–
With cars, no trucks or vans	9 578	8 199	44	76	1 259	406	654	106	78	15
1 truck or van with or without cars	6 454	5 555	19	21	858	250	489	38	59	22
2 or more trucks or vans	973	855	5	–	113	29	68	6	7	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 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 1993	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	**18 839**	**15 991**	**88**	**116**	**2 644**	**871**	**1 346**	**175**	**194**	**58**
Main House Heating Fuel										
Housing units with heating fuel	18 826	15 981	88	116	2 641	871	1 346	175	192	58
Electricity	3 401	2 939	7	25	430	108	274	21	11	15
Piped gas	7 949	6 942	48	60	898	323	399	92	67	18
Bottled, tank, or LP gas	2 160	1 587	–	5	567	141	359	22	39	6
Fuel oil, kerosene, or other liquid fuel	3 615	3 142	23	22	428	160	210	28	16	13
Coal or coke	231	183	–	–	48	20	18	3	8	–
Wood	1 446	1 171	9	3	263	119	85	9	50	–
Other fuel	23	17	–	–	6	–	–	–	–	6
Cooking Fuel										
With cooking fuel	18 814	15 978	88	114	2 635	871	1 346	175	194	49
Electricity	11 298	10 169	43	56	1 030	355	477	94	75	28
Piped gas	4 712	3 871	34	46	761	260	382	52	55	12
Bottled, tank, or LP gas	2 610	1 797	10	9	793	226	479	29	53	5
Fuel oil, kerosene, or other liquid fuel	31	25	–	3	3	–	–	–	–	3
Coal or coke	27	24	–	–	2	–	–	–	2	–
Wood	123	84	–	–	39	26	7	–	6	–
Other fuel	14	8	–	–	6	3	–	–	3	–
Water Heating Fuel										
With hot piped water	18 839	15 991	88	116	2 644	871	1 346	175	194	58
Electricity	8 893	7 536	31	39	1 288	373	749	73	59	34
Piped gas	7 018	6 213	46	57	702	251	305	75	58	12
Bottled, tank, or LP gas	1 659	1 245	3	3	409	123	237	19	27	3
Fuel oil, kerosene, or other liquid fuel	753	681	8	15	49	24	8	9	2	5
Coal or coke	53	47	–	–	6	6	–	–	–	–
Wood	73	53	–	–	20	14	3	–	3	–
Other fuel	17	11	–	–	6	–	–	–	3	3
No fuel used	373	204	–	3	165	79	43	–	43	–

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 1993	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	**18 839**	**15 991**	**88**	**116**	**2 644**	**871**	**1 346**	**175**	**194**	**58**
Persons										
1 person	3 840	3 053	32	40	715	232	338	79	51	15
2 persons	6 061	5 232	17	47	765	256	387	40	59	23
3 persons	3 293	2 833	15	11	434	109	272	20	22	11
4 persons	3 008	2 648	11	11	337	106	188	15	22	6
5 persons	1 556	1 329	2	6	218	74	105	14	22	3
6 persons	600	510	7	–	83	41	30	5	6	–
7 persons or more	480	385	2	–	92	53	25	3	11	–
Median	**2.4**	**2.4**	**2.2**	**1.9**	**2.3**	**2.3**	**2.4**	**1.7**	**2.3**	**2.1**
Age of Householder										
Under 25 years	1 370	940	2	28	399	119	234	28	17	2
25 to 29	2 027	1 627	9	29	361	114	199	14	32	3
30 to 34	1 918	1 605	12	5	297	89	157	23	20	9
35 to 44	3 016	2 643	7	9	357	119	198	22	11	6
45 to 54	2 798	2 445	7	3	344	110	187	16	26	6
55 to 64	2 984	2 658	21	12	293	89	151	19	28	6
65 to 74	2 810	2 472	7	7	323	131	136	15	30	12
75 years and over	1 916	1 602	22	23	270	100	84	39	31	15
Median	**49**	**50**	**58**	**31**	**42**	**45**	**39**	**46**	**52**	**61**
Household Composition by Age of Householder										
2-or-more person households	14 998	12 938	56	75	1 929	639	1 007	96	144	43
Married-couple families, no nonrelatives	12 469	10 899	50	44	1 475	461	799	87	95	32
Under 25 years	754	502	2	8	241	59	153	16	13	–
25 to 30 years	1 479	1 198	4	17	259	86	144	8	21	–
30 to 34 years	1 420	1 230	12	–	178	53	93	15	9	9
35 to 44 years	2 365	2 126	7	3	229	78	126	13	9	3
45 to 64 years	4 248	3 872	20	11	345	93	199	23	19	11
65 years and over	2 203	1 971	5	5	223	93	85	11	25	9
Other male householder	788	625	–	16	146	60	61	3	14	8
Under 45 years	484	380	–	11	93	32	49	–	6	6
45 to 64 years	194	155	–	–	40	19	10	3	8	–
65 years and over	110	91	–	5	14	9	3	–	–	2
Other female householder	1 742	1 414	5	15	308	118	147	7	34	2
Under 45 years	912	717	–	15	180	69	88	7	13	2
45 to 64 years	465	375	3	–	88	32	47	–	9	–
65 years and over	365	322	2	–	40	17	11	–	12	–
1-person households	3 840	3 053	32	40	715	232	338	79	51	15
Male householder	1 242	896	2	15	329	99	166	25	39	–
Under 45 years	571	402	–	6	163	48	88	19	9	–
45 to 64 years	291	226	–	3	63	23	28	–	12	–
65 years and over	380	269	2	6	103	29	50	5	18	–
Female householder	2 598	2 157	30	26	385	132	172	54	12	15
Under 45 years	346	260	5	10	71	16	47	8	–	–
45 to 64 years	584	476	6	1	101	33	54	9	6	–
65 years and over	1 668	1 421	19	14	213	83	71	37	6	15
Years of School Completed by Householder										
No school years completed	155	126	–	3	26	9	8	–	8	–
Elementary:										
less than 8 years	2 300	1 826	12	9	453	181	178	18	70	5
8 years	2 334	1 976	10	8	340	122	173	28	14	3
High school:										
1 to 3 years	2 986	2 453	16	15	502	178	252	37	26	8
4 years	6 258	5 372	27	39	820	224	475	55	43	24
College:										
1 to 3 years	2 445	2 078	16	16	335	114	181	15	22	3
4 years or more	2 361	2 160	7	26	169	43	79	21	11	15
Median	**12.3**	**12.3**	**12.2**	**12.6**	**12.0**	**10.7**	**12.1**	**12.1**	**9.4**	**12.5**

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 1993	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	**18 839**	**15 991**	**88**	**116**	**2 644**	**871**	**1 346**	**175**	**194**	**58**
Household Income										
Less than $5,000	3 161	2 462	17	18	664	262	263	42	82	14
$5,000 to $9,999	3 671	2 951	15	39	666	259	316	48	28	14
$10,000 to $14,999	3 116	2 545	29	34	508	126	301	31	37	12
$15,000 to $19,999	2 755	2 432	12	13	298	83	168	17	27	3
$20,000 to $24,999	2 339	2 077	11	6	246	72	140	21	6	6
$25,000 to $29,999	1 471	1 368	5	3	95	24	68	3	–	–
$30,000 to $34,999	885	816	–	–	69	9	43	5	6	6
$35,000 to $39,999	505	471	–	3	31	13	18	–	–	–
$40,000 to $49,999	445	419	–	–	26	6	15	–	3	3
$50,000 to $59,999	214	200	–	–	14	8	2	4	–	–
$60,000 to $74,999	131	117	–	–	14	6	5	–	3	–
$75,000 or more	144	131	–	–	13	3	5	3	2	–
Median	**14 151**	**15 075**	**12 122**	**10 172**	**9 941**	**8 347**	**11 544**	**9 704**	**7 653**	**10 304**
Monthly Housing Costs[1]										
Less than $100	414	267	7	8	131	71	32	8	17	3
$100 to $199	1 965	1 625	13	35	293	184	24	43	28	15
$200 to $249	1 419	1 281	7	16	116	60	21	22	6	6
$250 to $299	1 248	1 159	3	9	78	40	19	5	14	–
$300 to $349	958	902	7	–	49	18	13	5	8	6
$350 to $399	739	703	2	–	34	12	12	7	3	–
$400 to $449	502	484	–	3	15	6	10	–	–	–
$450 to $499	366	354	2	–	10	7	–	3	–	–
$500 to $599	392	378	2	–	12	3	6	–	3	–
$600 to $699	200	196	–	–	3	–	3	–	–	–
$700 to $799	96	91	2	–	3	3	–	–	–	–
$800 or more	114	114	–	–	–	–	–	–	–	–
No cash rent	682	524	2	4	152	55	39	18	36	3
Median	**266**	**276**	**...**	**178**	**182**	**171**	**233**	**190**	**181**	**...**
OWNER OCCUPIED UNITS										
Total	**14 060**	**12 366**	**63**	**41**	**1 590**	**459**	**946**	**69**	**89**	**27**
Value[2]										
Less than $10,000	657	573	–	–	84	55	6	6	12	6
$10,000 to $19,999	1 452	1 306	–	–	145	70	38	6	24	6
$20,000 to $29,999	1 792	1 660	15	–	117	71	26	9	9	3
$30,000 to $39,999	1 836	1 769	9	–	58	29	21	7	–	–
$40,000 to $49,999	1 418	1 358	7	5	48	19	19	7	3	–
$50,000 to $59,999	1 045	1 014	–	3	28	6	19	–	3	–
$60,000 to $69,999	647	633	2	–	12	6	3	–	3	–
$70,000 to $79,999	376	370	–	–	6	3	–	–	–	3
$80,000 to $99,999	310	301	3	–	6	6	–	–	–	–
$100,000 to $124,999	136	133	–	–	3	3	–	–	–	–
$125,000 to $149,999	50	50	–	–	–	–	–	–	–	–
$150,000 to $199,999	30	30	–	–	–	–	–	–	–	–
$200,000 or more	14	14	–	–	–	–	–	–	–	–
Median	**35 342**	**36 031**	**...**	**...**	**22 100**	**21 296**	**28 593**	**...**	**16 132**	**...**
Mortgages Currently on Property[3]										
None, owned free and clear	4 630	4 303	12	8	308	168	83	21	21	15
With mortgage or land contract	5 094	4 874	23	–	197	100	46	14	33	3
One mortgage or land contract	4 674	4 481	18	–	175	97	34	7	33	3
Two mortgages or more	420	393	4	–	22	3	12	7	–	–
Monthly Payment to Lender[3]										
Less than $100	933	876	4	–	52	33	3	7	9	–
$100 to $199	1 851	1 765	5	–	82	46	12	3	18	3
$200 to $249	710	685	9	–	16	3	9	–	3	–
$250 to $299	509	496	–	–	13	3	6	4	–	–
$300 to $349	368	356	–	–	12	9	3	–	–	–
$350 to $399	244	231	2	–	10	4	6	–	–	–
$400 to $449	163	153	–	–	10	–	6	–	3	–
$450 to $499	101	98	–	–	3	3	–	–	–	–
$500 to $599	108	106	2	–	–	–	–	–	–	–
$600 to $699	58	58	–	–	–	–	–	–	–	–
$700 to $799	25	25	–	–	–	–	–	–	–	–
$800 to $999	9	9	–	–	–	–	–	–	–	–
$1,000 to $1,249	9	9	–	–	–	–	–	–	–	–
$1,250 to $1,499	3	3	–	–	–	–	–	–	–	–
$1,500 or more	3	3	–	–	–	–	–	–	–	–
Median	**187**	**188**	**...**	**...**	**157**	**138**	**...**	**...**	**...**	**...**

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 1993	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	548	513	2	–	34	21	6	–	3	3
$200 to $249	678	648	2	–	27	18	3	3	3	–
$250 to $299	800	773	3	–	24	15	–	–	9	–
$300 to $349	710	676	7	–	26	12	9	–	6	–
$350 to $399	630	603	2	–	25	9	9	4	3	–
$400 to $449	443	431	–	–	13	3	10	–	–	–
$450 to $499	346	337	2	–	7	7	–	–	–	–
$500 to $599	365	351	2	–	12	3	6	–	3	–
$600 to $699	196	193	–	–	3	–	3	–	–	–
$700 to $799	94	89	2	–	3	3	–	–	–	–
$800 or more	114	114	–	–	–	–	–	–	–	–
No cash rent	...	...	...	...	...	...	...	...	...	...
Median	**331**	**332**	**...**	**...**	**304**	**270**	**...**	**...**	**...**	**...**
RENTER OCCUPIED UNITS										
Total	**4 779**	**3 626**	**25**	**75**	**1 053**	**411**	**400**	**106**	**105**	**31**
Monthly Housing Costs[5]										
Less than $100	409	262	7	8	131	71	32	8	17	3
$100 to $199	1 417	1 113	10	35	259	163	18	43	25	11
$200 to $249	742	632	5	16	88	42	18	19	3	6
$250 to $299	448	386	–	9	53	24	19	5	5	–
$300 to $349	248	226	–	–	22	6	4	5	2	6
$350 to $399	109	100	–	–	9	3	3	3	–	–
$400 to $449	58	53	–	3	2	2	–	–	–	–
$450 to $499	20	17	–	–	3	–	–	3	–	–
$500 to $599	27	27	–	–	–	–	–	–	–	–
$600 to $699	3	3	–	–	–	–	–	–	–	–
$700 to $799	2	2	–	–	–	–	–	–	–	–
$800 or more	–	–	–	–	–	–	–	–	–	–
No cash rent	682	524	2	4	152	55	39	18	36	3
Median	**194**	**203**	**...**	**178**	**159**	**152**	**183**	**182**	**136**	**...**

[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: 1993

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 1993 Components of Inventory Change Survey (CINCH) was conducted as part of the 1993 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.

1993 CINCH procedures. The 1993 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 (1993) 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 1985 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 from non-residential use in the 1980 report to the numbers in the 1993 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, H150/93, *American Housing Survey for the United States in 1993.*

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 1993, a period of 13 1/2 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 1993 American Housing Survey. Most of the concepts used in the CINCH survey are essentially the same as those used in the 1993 AHS National sample. The data were derived from the AHS interviews for the current year (1993), 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 1993 inventory and (2) the disposition of the 1980 inventory. In terms of the 1993 (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 1993, 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 1993.

Same units. Same units are living quarters that existed in 1980 and remained unchanged in number in 1993. Thus, Same units are common to both the 1980 and 1993

inventories. Units that were changed after 1980, but reverted to one unit by 1993 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 1993.

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 1993 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 1993 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 1993, but had returned to the 1980 status before the 1993 enumeration.

Units changed by Merger. A Merger is the result of combining two or more 1980 housing units into fewer 1993 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 1993 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 1993 statistics. As with Conversions, units that had merged after 1980, but had changed back to their original status before the 1993 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 1993 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 1993 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 1993 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 1993 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 1993 CINCH report. Because the base year for the 1993 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 1993 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 1993, 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 1993 interviewing period. For example, losses do not include 1980 housing units that were changed to nonresidential use and back to housing units by 1993, or 1980 housing units that became vacant and condemned and were rehabilitated by 1993.

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 1993 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 1993 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 1993 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 1993 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 1993 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. 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 1993 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 1993 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 1993, 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993. 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 1993 definition applies, but unfinished basements used for storage were not included.

Bedrooms. For 1993 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 1993 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 1993 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 1993 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 1993 data. Housing units built or mobile homes made since April 1980 are classified as New construction.

Year structure built. For 1993 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 1993, 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 data. The statistics presented are restricted to multiunits. 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 1993 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 1993 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 1993 data. Water leakage is 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 1993 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. While this term appeared only in the 1993 data, the data on plumbing facilities are suppressed in 1993. Changes in the redesigned questionnaire resulted in serious deficiencies in these data, which have been subsequently modified.

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 1993 AHS, respondents were first asked how many bathrooms they had. 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 1993 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 1993 AHS counted a significant number of units as having complete plumbing for exclusive use that did not, 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 that ″completeness″ was more of a problem than ″exclusive use.″ Therefore, the data for 1993 were suppressed.

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 1993 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 1993 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 1993 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 1993, 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 1993, 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 1993 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 1993 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 1993 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 1993, 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 are collapsed and have no ''other'' category.

Heating equipment breakdowns. This item appears only in the 1993 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 1993, 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 1993 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 1993 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.

In 1993, 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 1993 procedures overestimate 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.

Kitchen sink. This item appears only in the 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993, 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 1993 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 1993 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 1993 data. It includes family rooms, dens, recreation rooms, and/or libraries.

Garage or carport. This item appears only in the 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993, 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 1993 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 1993, 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 data. Having unvented gas, oil, or kerosene heaters as the primary heating equipment.

Upkeep. This item appears only in the 1993 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 1993 data. Having any three of the four hallway problems mentioned above under the severe physical problems.

Kitchen. This item appears only in the 1993 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 1993 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 1993 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 1993 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 1993 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 1993 data. The statistics presented are based on the interviewer's personal observation.

Mobile homes in group. This item appears only in the 1993 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 1993 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 1993 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 1993 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 1993 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 1993, 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 1993, 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 1993, 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 1993 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 1993, 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 1993 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 1993 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 1993 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 1993 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: 1993.*

Year unit acquired. This item appears only in the 1993 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 1993 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 1993 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 1993 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 1993, 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993, 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 1993 definition, but do not include homeowner's association fee, land rent, or garbage and trash collection.

For 1993, 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 1993 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 1993 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.

Nonrelatives' shared housing costs. This item appears only in the 1993 data. This item is restricted to nonrelative household members age 14 and older. The data present the monthly dollar amount paid by nonrelatives of the householder for housing costs. Housing costs include the rent or mortgage payment, utilities, maintenance, or other housing costs. Nonrelatives of the householder refers to: partners, roommates, any co-owners or co-renters, sons/daughters of a co-owner, or co-renter not related to the householder, and nonrelated employees. Data for ″Nonrelatives' shared housing costs″ in 1993 are not comparable with any other data published in previous years.

Property insurance. This item appears only in the 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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.

Bathrooms. This item appears only in the 1993 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 1993 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 1993 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 1993 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 1993 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 1993 data. This category includes other major repairs, alterations, or improvements totaling over $500 each.

Government subsidy for repairs. This item appears only in the 1993 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 1993 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 1993, 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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 1993 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.

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 42,300 sample units. We either did not have or could not use the base-year data from about 5,700 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 300 records).
   2. The unit filled out the 1980 census short form (about 2,700 records).
   3. The base-year unit did not match the 1980 census unit (about 1,200 records).

   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 4,200 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 5,700 records are known as type-A noninterviews.

Current year. The current year consists of about 48,300 sample units. We either did not have or could not use the data from about 4,700 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 4,200 records).

These 4,700 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 sub-sampled 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.''

Current Interest Rate

1993. In 1993, a programming error was discovered and corrected involving the computation of the median for the item ″Current interest rate.″ Caution should be used when making comparisons with the 1991 and earlier CINCH surveys. The medians presented in the 1991 and earlier reports are calculated incorrectly. However, the data distributions are correct and can be used to compute corrected medians.

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.

1993. Beginning in 1993, the questions on income sources of families and primary individuals were revised with the purpose of improved income reporting. The 1991 question, which reported interest or dividend income of $400 or more was divided into two separate questions in 1993. One new questions reports interest income from different sources and one reports dividends from stocks. Neither of these two questions have an amount limitation. Also, starting in 1993 in the ″Other″ income category, we now include income from education loans, grants, and scholarships. Prior to 1993, these sources of income were not collected. Caution should be used when making comparisons with the 1991 and earlier surveys for ″Household income,″ ″Income of Families and Primary Individuals,″ and ″Income Sources of Families and Primary Individuals.″

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.

1993. In 1993, there were 1,145,000 housing units that reported a complete lack of plumbing facilities. The total number of units that reported such a lack decreased by about half between 1991 and 1993. In 1993, questionnaire item 29c on bathrooms for exclusive use was modified to provide more accurate estimates. The wording of the ″answer options″ to this question was changed to specify whether or not there was exclusive use of the facilities. Although the decrease between 1991 and 1993 seems unrealistic, we feel that the change in the 1993 questionnaire resulted in a better estimate. Caution should be used when making comparisons with the 1991 survey and the 1993 and later surveys. The drop in the number of units with no plumbing facilities also caused a drop in the number of units with severe physical problems.

Severe and Moderate Problems

1985, 1991, and 1993. The data concerning units with severe and moderate problems in 1985, 1991, and 1993 are not entirely comparable. 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 2.5 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 17 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	4
10	6
100	20
500	44
1,000	62
2,500	97
5,000	135
10,000	187
25,000	271
50,000	320
75,000	293
95,000	200
106,000	49

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:

$$1.64 \times \sqrt{3.85 \times A - .000036 \times A^2}$$

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:

$$1.64 \times \sqrt{3.85 \times 200 - .000036 \times 200 \times 200} = 45$$

The 90-percent confidence interval can then be formed by adding and subtracting this error to the survey estimate of 200 (i.e., 200 ± 45). Statements such as ''the actual value is in the range 200 ± 45 (155 to 245),'' 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 45 means 45,000.

[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:

$$1.64 \times \sqrt{3.85\ P\ (100 - P)\ /A}$$

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:

$$1.64 \times \sqrt{3.85 \times 40 \times 60/200} = 11.1$$

Statements such as ''the actual percent is in the range 28.9 percent to 51.1 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, 3.85, 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]	$\frac{1.7 \times W \times \sqrt{A}}{B}$	$\frac{1.7 \times 25 \times \sqrt{200}}{30}$ = 20	___
The 90-percent confidence interval for the median is:	median $\pm \frac{1.7 \times W \times \sqrt{A}}{B}$	median ± $20	___

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 19 and the second number is 40 with an error of 20, then the 90-percent confidence interval error for this difference of 6 is:

$$\sqrt{19^2 + 20^2} = 28$$

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 3.85/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 1.7 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 3.85. Take the square root of this answer and multiply by 1.7 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, 1993	Same units, 1980 and 1993	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)	94 314	70 668	843	331	22 472	18 920	3 014	404	135
Completeness of sampling lists (percent)[1]	98	100	100	100	88	91	73	71	75
All interviews[2]	87	89	97	91	83	86	71	66	75
Current total loan as percent of value	37	35	16	39	40	41	19	22	...
Total outstanding principal amount	38	37	30	44	42	44	21	27	...
Income sources of families and primary individuals	48	46	68	48	52	52	50	41	39
Land rent fee	52	52	...	...	...	...	...	...	...
Mobile home site placement	61	84	...	...	56	61	52	...	...
Mobile home park fee	61	95	...	...	45	41	50	...	...
Lot size	62	63	...	64	58	61	45	41	...
Annual taxes paid per $5000 value	63	64	40	71	59	62	42	52	...
Ratio of value to current income	63	63	40	66	61	63	47	45	...
Monthly housing costs as percent of income	68	69	76	69	65	68	56	51	31
Square feet per person	69	68	...	57	74	78	63	47	...
Square footage of unit	69	68	...	57	74	78	63	47	...
Average monthly cost for real estate taxes	70	72	73	82	65	67	53	58	...
Income of families and primary individuals	71	72	79	73	68	70	59	53	38
Household income	72	73	81	73	69	70	60	54	47
Household income as percent of poverty level	72	73	81	73	69	70	60	54	47
Units using each fuel	72	72	76	77	70	72	60	52	48
Value	73	73	45	77	71	74	54	56	...
Monthly cost paid for water	74	75	90	74	73	74	66	60	75
Light fixtures in public halls	74	75	83	76	...	69	...	62	55
Property insurance paid	74	75	89	74	70	71	64	60	69
Monthly payment for principal and interest	74	75	77	82	73	74	63	54	...
Previous occupancy	75	47	...	...	76	76	70	...	...
Purchase price	75	76	76	85	74	76	62	53	...
Mobile homes in group	75	100	...	...	68	67	69	...	...
Monthly cost paid for bottled gas	75	76	79	76	73	76	63	56	60
Monthly cost paid for piped gas	75	76	79	76	73	76	63	56	60
Household moves and formation in last year	77	79	86	77	72	74	61	62	67
Payment plan of secondary mortgage	77	76	...	...	80	81	...	...	...
Remaining years mortgaged	77	77	82	84	79	80	59	59	...
Repairs, improvements, alterations in last 2 years	78	79	80	86	78	80	67	63	...
Amount of savings and investments	78	80	91	80	70	72	66	59	64
Severe physical problems	79	80	78	81	75	77	66	59	56
Adult and single children < 18 years old	79	80	90	80	75	77	65	63	69
Current Interest rate	80	81	82	89	77	78	59	68	...
Monthly cost paid for trash	80	81	93	81	77	79	69	63	75
Monthly housing costs	80	81	90	83	78	80	65	61	57
Term of primary mortgage at origination or assumption	80	81	85	86	79	81	60	63	...
Payment plan of primary mortgage	80	81	85	87	79	81	60	63	...
Selected amenities	80	81	84	84	76	78	66	59	57
Type of primary mortgage	81	82	89	90	80	81	67	68	...
Monthly cost paid for electricity	81	82	91	84	78	80	67	61	75
Items included in primary mortgage payment	82	83	87	91	81	81	68	68	...
Lenders of primary and secondary mortgages	82	83	87	92	81	82	68	68	...
Routine maintenance in last year	82	83	82	91	80	82	69	64	...
Food stamps	82	84	94	80	74	76	68	63	65
Monthly cost paid for other fuels	82	84	94	88	78	80	67	63	71
Persons other than spouse or children	82	83	94	84	78	80	65	62	70
Lower cost state and local mortgage	83	84	89	93	81	82	68	68	...
Year primary mortgage originated	83	83	87	94	82	83	67	68	...
Major source of down payment	83	84	90	93	81	82	69	68	...
Reasons for leaving previous unit	83	86	94	...	76	78	69	62	...
Homeowners association fee	84	85	...	...	83	83	...	...	...
Condominium and cooperative fee	84	85	...	...	83	83	...	...	...
Other activities on property	84	85	86	94	81	83	70	66	...
Average monthly cost paid for fuel oil	84	85	93	88	81	83	70	64	71
Own never married children < 18 years old	84	85	94	86	80	82	69	64	75
Respondent moved during past year	84	86	93	88	79	81	67	64	69
Government subsidy for repairs	84	85	93	94	81	84	69	74	...
Main house heating fuel	84	84	93	89	81	83	69	63	69
First time owners	84	85	87	94	81	83	70	66	...
Mortgage origination	84	85	89	94	82	83	68	68	...
Owners with one or more mortgages	84	85	88	94	81	83	70	66	...
Mortgages currently on property	84	85	90	95	81	83	70	66	...
Year unit acquired	84	85	86	95	81	84	70	62	...
Number of single children < 18 years old	84	85	94	86	80	82	69	64	75
Choice of present home	85	88	96	...	79	81	70	64	...
Home search	85	88	96	...	78	80	70	64	...
Recent mover comparison to previous home	85	89	96	...	79	81	70	63	...
Central air conditioning fuel	85	86	92	84	83	84	67	63	...
Water heating fuel	85	86	94	89	82	84	70	65	65
Choice of present neighborhood	85	88	96	...	79	81	70	64	...
Recent mover comparison to previous neighborhood	85	88	96	...	79	81	70	64	...
Foundation	85	85	...	92	...	86	53	63	...
Cost and ownership sharing	85	86	93	96	82	84	71	68	...
Clothes dryer fuel	85	86	93	92	83	85	71	66	...
Units where householder moved during past year	85	86	93	88	79	82	67	64	69
Structure type of previous residence	86	89	98	...	80	81	70	64	...
Tenure of previous residence	86	89	97	...	79	81	71	65	...

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United States and Regions	Occupied housing units, 1993	Same units, 1980 and 1993	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
Cooking fuel	86	88	96	91	82	84	70	65	76
Neighborhood search	86	89	96	...	79	81	70	63	...
Years of school completed by householder	86	87	96	89	82	84	70	65	72
Means of sewage disposal	86	87	96	90	82	84	69	65	75
Persons 65 years old and over	86	87	96	90	82	84	71	66	75
Sewage disposal breakdowns	86	87	96	91	82	85	70	65	75
Electric fuses and circuit breakers	86	87	95	90	82	84	70	64	72
Cars and trucks available	86	87	94	90	82	84	70	66	73
Selected deficiencies	86	87	95	90	82	84	70	64	73
Source of water	86	87	96	91	82	85	70	64	75
Plumbing facilities	86	88	95	90	82	85	70	64	72
Other heating equipment	86	87	95	90	81	84	70	65	74
Main heating equipment	86	88	96	91	82	84	71	66	72
Other buildings vandalized or with interior exposed	86	89	87	82	78	79	...	69	56
Year structure built	86	88	93	90	82	85	66	51	69
Nonrelatives' shared housing costs	86	88	99	...	81	83	72	...	...
Units in structure	86	87	94	88	82	84	70	66	72
Moderate physical problems	86	87	94	91	81	83	70	66	73
Heating problems	87	88	96	92	83	85	71	66	77
Year householder moved into unit	87	88	97	91	82	84	71	66	74
Household composition by age of the householder	87	88	97	91	83	85	71	66	75
Age of householder	87	88	96	91	83	85	71	66	75
Persons	87	89	97	91	83	86	71	66	75
Common stairways	87	90	87	83	...	81	...	72	61
Rooms	87	88	95	91	83	85	71	66	60
Bedrooms	87	88	95	91	83	85	71	66	63
Age of other residential buildings within 300 feet	87	90	88	83	79	80	...	70	61
Persons per room	87	88	95	91	83	85	71	66	60
Tenure	87	88	96	91	83	85	71	65	75
Overall opinion of neighborhood	87	88	96	90	82	85	70	65	75
Overall opinion of structure	87	88	97	90	83	85	70	65	75
Water leakage during last 12 months	87	88	96	91	83	85	71	66	75
Owner or manager on property	87	89	92	81	...	80	...	65	78
Neighborhood conditions	87	88	97	90	83	85	71	66	74
Flush toilet breakdowns	87	88	95	91	83	85	71	66	76
Water supply stoppage	87	88	96	90	83	85	71	66	74
Other house heating fuels	87	88	96	92	83	85	71	66	76
Air conditioning	87	88	95	90	83	85	70	66	73
Clothes dryer	87	88	97	91	83	85	71	66	75
Washing machine	87	88	97	91	83	85	71	66	73
Dishwasher	87	88	97	91	83	85	71	66	73
Burners and oven	87	88	96	91	83	85	71	66	73
Refrigerator	87	88	96	91	83	85	71	66	75
Kitchen sink	87	88	97	91	83	85	71	66	75
Kitchen facilities	87	88	96	91	83	85	71	66	73
Race and origin of householder	87	88	96	91	82	85	71	65	71
Complete bathrooms	87	88	97	91	83	85	71	66	75
Cooperatives & condominiums	87	88	97	91	83	85	71	66	75
Stories in structure	87	90	88	80	...	80	...	67	63
Stories between main and apartment entrances	87	90	88	83	...	81	...	71	57
Description of area within 300 feet	88	90	88	83	80	81	...	70	60
Conditions of streets	88	90	88	83	80	80	...	70	61
External building conditions	88	90	87	83	...	80	...	70	61
Trash, litter or junk on streets or any properties	88	90	88	83	80	81	...	70	61
Rent reductions	90	92	98	81	84	87	71	65	75
Bars on windows of buildings	93	95	97	85	86	87	...	71	75
Elevator on floor	94	95	97	89	...	87	...	73	81

[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]	The error is—
1993 total housing units	US, CC, BAL	$Z \times \sqrt{2.82 \times A - 0.000\,026 \times A^2}$
	NMSA	$Z \times \sqrt{3.85 \times A - 0.000\,036 \times A^2}$
Same units, 1993	US, CC, BAL	$Z \times \sqrt{2.82 \times A - 0.000\,032 \times A^2}$
	NMSA	$Z \times \sqrt{3.85 \times A - 0.000\,036 \times A^2}$
Mergers	US, CC, BAL, NMSA	$Z \times \sqrt{1.41 \times A + 0.000\,698 \times A^2}$
Conversions	US, CC, BAL, NMSA	$Z \times \sqrt{2.80 \times A + 0.003\,500 \times A^2}$
Total adds	US	$Z \times \sqrt{3.19 \times A + 0.000\,135 \times A^2}$
	CC	$Z \times \sqrt{2.93 \times A + 0.016\,525 \times A^2}$
	BAL, NMSA	$Z \times \sqrt{3.09 \times A + 0.001\,027 \times A^2}$
From nonresidential use/other	US	$Z \times \sqrt{2.93 \times A + 0.016\,525 \times A^2}$
	CC, NMSA	$Z \times \sqrt{2.15 \times A + 0.059\,136 \times A^2}$
	BAL	$Z \times \sqrt{3.09 \times A + 0.001\,027 \times A^2}$
New construction	US, CC, BAL, NMSA	$Z \times \sqrt{2.82 \times A - 0.000\,026 \times A^2}$
House or mobile home moved in	US	$Z \times \sqrt{2.82 \times A - 0.000\,026 \times A^2}$
	CC, BAL, NMSA	$Z \times \sqrt{2.80 \times A + 0.003\,500 \times A^2}$

[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]	The error is—
Same units, 1980, and 1980 total housing units	US, CC, BAL	$Z \times \sqrt{2.82 \times A - 0.000\,032 \times A^2}$
	NMSA	$Z \times \sqrt{3.85 \times A - 0.000\,036 \times A^2}$
Mergers	US, CC, BAL, NMSA	$Z \times \sqrt{3.85 \times A + 0.001\,292 \times A^2}$
Conversions	US, CC, BAL, NMSA	$Z \times \sqrt{2.82 \times A - 0.000\,032 \times A^2}$
Total losses	US	$Z \times \sqrt{3.19 \times A + 0.000\,135 \times A^2}$
	CC	$Z \times \sqrt{2.15 \times A - 0.000\,087 \times A^2}$
	BAL	$Z \times \sqrt{3.09 \times A + 0.001\,027 \times A^2}$
	NMSA	$Z \times \sqrt{3.85 \times A + 0.001\,292 \times A^2}$
Demolition or disaster	US, BAL	$Z \times \sqrt{2.82 \times A - 0.000\,032 \times A^2}$
	CC	$Z \times \sqrt{1.97 \times A - 0.000\,670 \times A^2}$
	NMSA	$Z \times \sqrt{3.85 \times A + 0.001\,292 \times A^2}$
House or mobile home moved out	US, BAL	$Z \times \sqrt{3.09 \times A + 0.001\,027 \times A^2}$
	CC	$Z \times \sqrt{2.82 \times A - 0.000\,032 \times A^2}$
	NMSA	$Z \times \sqrt{3.85 \times A + 0.001\,292 \times A^2}$
To nonresidential use/exposed, damaged, or condemned/other	US, CC, BAL	$Z \times \sqrt{2.82 \times A - 0.000\,032 \times A^2}$
	NMSA	$Z \times \sqrt{3.85 \times A + 0.001\,292 \times A^2}$

[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]	$161/\sqrt{A}$	11.4			
Multiply this percentage error by .01 to turn it into a fraction and by total units to give the error in housing units	$1.61\sqrt{A}$	23			
Bottom of error range (2nd line minus 4th line, in thousands)	B_{bottom}	*77			
Top of error range (2nd line plus 4th line, in thousands)	B_{top}			*123	
* 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	$\frac{B-C}{D}(F-E)+E$	$\frac{77-50}{45}(25)+25$		$\frac{123-95}{30}(25)+50$	
Limits of confidence interval (in dollars, rooms, etc)		$40		$73	

[1]Statistical note: This formula is based on the error from sampling for 50 percent (using the formula above, $1.64 \times \sqrt{(3.85 \times 50 \times (100-50)/A)} = 161/\sqrt{A}$). 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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