



**American Housing Survey**

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**Components  
of Inventory  
Change:  
1980-1993**

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**United States and Regions**

Issued August 1996



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2. Size .....	1A-2	1B-2	1C-2	1D-2	
3. Selected Equipment and Plumbing .....	1A-3	1B-3	1C-3	1D-3	

	Chapter 2 Total occupied	Chapter 3 Owner occupied	Chapter 4 Renter occupied	Chapter 5 In central cities	Chapter 6 Suburbs	Chapter 7 Outside MSA's
<b>OCCUPIED UNITS</b>		Table number				
1. Introductory Characteristics .....	2-1	3-1	4-1	5-1	6-1	7-1
2. Size .....	2-2	3-2	4-2	5-2	6-2	7-2
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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 non-residential 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."

## VI. Components of Inventory Change: 1980-1993

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	
<b>Number</b>										
United States .....	106 611	79 168	1 000	371	26 072	21 309	4 063	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	2 278	1 228	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	1 589	99	19	14	
Not in central cities .....	10 467	7 195	84	17	3 170	2 795	330	18	28	
Outside MSA's .....	3 806	2 548	14	13	1 232	816	383	34	-	
<b>Percent Distribution</b>										
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	28.6	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	1.8	.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	3.8	.6	.2	
South .....	100.0	66.2	.4	.2	33.2	26.0	6.5	.6	.1	
Inside MSA's .....	100.0	68.3	.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	66.7	.8	.2	30.3	26.7	3.2	.3	.3	
Outside MSA's .....	100.0	66.9	.4	.3	32.4	21.4	10.0	.9	-	

VIII Components of Inventory Change: 1980-1993

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--						
			Conversion	Merger	Total	Demolition or disaster	Other means				
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other	
<b>Number</b>											
United States -----	89 272	79 168	483	808	8 833	3 305	3 843	712	788	387	
Inside MSA's -----	66 861	60 823	370	683	4 985	2 073	1 741	477	449	245	
In central cities -----	29 338	26 678	170	430	2 058	1 108	231	253	137	153	
Not in central cities -----	37 525	34 145	200	253	2 927	965	1 510	223	137	82	
Outside MSA's -----	22 411	18 345	92	125	3 848	1 232	1 902	236	337	141	
Northeast -----	19 088	17 553	179	287	1 060	421	326	138	109	86	
Inside MSA's -----	16 428	15 256	155	282	756	312	177	105	97	65	
In central cities -----	6 601	6 025	67	138	371	182	7	63	78	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	98	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	25 084	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	388	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	198	70	
West -----	17 450	15 760	88	103	1 499	525	708	112	73	81	
Inside MSA's -----	14 284	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	18	
Outside MSA's -----	3 186	2 548	6	25	607	141	368	37	48	16	
<b>Percent Distribution</b>											
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	2.8	4.0	.6	.4	.2	
Outside MSA's -----	100.0	81.9	.4	.8	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	.8	.5	
Inside MSA's -----	100.0	82.9	.9	1.6	4.6	1.9	1.1	.6	.8	.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	.8	1.2	6.8	3.4	1.8	.8	.9	.1	
In central cities -----	100.0	89.4	.8	2.0	8.1	5.0	.5	.8	1.6	.2	
Not in central cities -----	100.0	93.0	.5	.8	5.8	2.1	2.9	.5	.3	.2	
Outside MSA's -----	100.0	86.3	.5	.8	12.8	4.4	5.4	1.2	1.1	.5	
South -----	100.0	84.8	.2	.8	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	.1	
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	

X Components of Inventory Change: 1980-1993

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—					
		1980	1993	Number	Percent	Total added	Conversion	New construction	Other sources		
									House or mobile home moved in	From nonresidential use	Other
1	United States .....	69 272	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	218	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	1 892	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	11.8	3 017	102	2 683	182	28	12
13	In central cities .....	7 068	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	37 685	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	6 167	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	-

Components of Inventory Change: 1980-1993 XI

Units lost through--								
Total lost	Merger	Demolition or disaster	Other means					
			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	
5 382	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	
3 906	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	664	666	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	1 624	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	656	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	

XII Components of Inventory Change: 1980-1993

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--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Number</b>									
<b>HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1993</b>									
United States .....	80 644	59 837	677	259	19 871	16 632	2 744	372	124
Inside MSA's .....	81 112	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
<b>HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1993</b>									
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	-
<b>HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1993<sup>1</sup></b>									
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	854	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	-
<b>Percent Distribution</b>									
<b>HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1993</b>									
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
<b>HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1993</b>									
United States .....	100.0	81.1	1.1	.8	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	.3	.2
Outside MSA's .....	100.0	71.2	.7	.3	27.7	17.6	9.8	3.0	-
<b>HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1993<sup>1</sup></b>									
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	84.8	1.5	.2	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	18.5	16.9	1.1	-

<sup>1</sup>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—					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
<b>Number</b>										
<b>HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1993</b>										
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	18	5	
Outside MSA's .....	2 372	1 747	34	11	581	426	86	50	19	
<b>HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1993</b>										
Northeast .....	1 754	1 563	65	25	101	68	2	7	4	
Inside MSA's .....	1 747	1 558	63	25	101	68	2	7	4	
In central cities .....	1 307	1 179	49	16	63	52	2	7	4	
Not in central cities .....	440	379	14	8	39	36	—	—	—	
Outside MSA's .....	8	5	3	—	—	—	—	—	—	
<b>HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1993<sup>1</sup></b>										
Northeast .....	1 255	1 156	28	11	63	35	6	22	—	
Inside MSA's .....	1 217	1 128	25	11	55	27	4	22	—	
In central cities .....	881	811	21	9	40	15	—	22	—	
Not in central cities .....	336	315	5	2	15	13	2	—	—	
Outside MSA's .....	38	30	—	—	8	8	—	—	—	
<b>Percent Distribution</b>										
<b>HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1993</b>										
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	
<b>HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1993</b>										
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	6.2	.5	—	—	
Outside MSA's .....	100.0	66.7	33.3	—	—	—	—	—	—	
<b>HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1993<sup>1</sup></b>										
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	—	—	—	

<sup>1</sup>Persons of Hispanic origin may be of any race.



XIV Components of Inventory Change: 1980-1993

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--					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
<b>HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1993</b>										
Midwest .....	20 719	18 771	212	75	3 681	3 245	335	60	22	
Inside MSA's .....	14 105	11 357	145	56	2 548	2 359	184	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	
<b>HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1993</b>										
Midwest .....	1 921	1 786	9	12	134	128	6	2	1	
Inside MSA's .....	1 842	1 700	9	12	121	118	2	2	1	
In central cities .....	1 434	1 345	9	12	69	67	2	2	1	
Not in central cities .....	408	355	0	0	53	51	2	0	0	
Outside MSA's .....	79	86	0	0	13	8	5	0	0	
<b>HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1993<sup>1</sup></b>										
Midwest .....	500	427	8	2	62	52	10	0	0	
Inside MSA's .....	441	381	8	2	49	46	4	0	0	
In central cities .....	281	256	8	2	15	15	0	0	0	
Not in central cities .....	160	128	0	0	34	30	4	0	0	
Outside MSA's .....	59	46	0	0	13	7	7	0	0	
<b>Percent Distribution</b>										
<b>HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1993</b>										
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	0	
In central cities .....	100.0	86.1	1.2	.7	12.0	11.6	.4	.1	0	
Not in central cities .....	100.0	77.6	.9	.2	21.2	19.4	1.8	.2	0	
Outside MSA's .....	100.0	81.9	1.0	.3	16.8	13.4	2.8	.6	.3	
<b>HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1993</b>										
Midwest .....	100.0	91.9	.5	.6	7.0	6.6	.3	.1	0	
Inside MSA's .....	100.0	92.3	.5	.6	6.6	6.4	.1	.1	0	
In central cities .....	100.0	93.8	.8	.8	4.8	4.7	0	.1	0	
Not in central cities .....	100.0	87.1	0	0	12.9	12.4	.5	0	0	
Outside MSA's .....	100.0	83.7	0	0	16.3	10.6	5.7	0	0	
<b>HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1993<sup>1</sup></b>										
Midwest .....	100.0	85.5	1.7	.4	12.5	10.5	2.0	0	0	
Inside MSA's .....	100.0	86.5	1.9	.4	11.2	10.3	.8	0	0	
In central cities .....	100.0	91.0	3.0	.8	5.4	5.4	0	0	0	
Not in central cities .....	100.0	78.7	0	0	21.3	19.0	2.3	0	0	
Outside MSA's .....	100.0	77.8	0	0	22.4	11.4	11.0	0	0	

<sup>1</sup>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-					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
<b>Number</b>										
<b>HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1993</b>										
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	
<b>HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1993</b>										
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	-	
<b>HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1993<sup>1</sup></b>										
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	1	312	263	41	8	-	
Outside MSA's .....	227	132	-	-	95	30	65	1	-	
<b>Percent Distribution</b>										
<b>HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1993</b>										
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	
<b>HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1993</b>										
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	-	
<b>HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1993<sup>1</sup></b>										
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	-	-	

<sup>1</sup>Persons of Hispanic origin may be of any race.

XVI Components of Inventory Change: 1980-1993

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-					
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other	
<b>HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1993</b>										
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	-	
<b>HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1993</b>										
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	-	-	-	
Not in central cities.....	415	280	-	-	135	134	-	-	1	
Outside MSA's.....	28	15	-	-	11	11	-	-	-	
<b>HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1993<sup>1</sup></b>										
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	-	
<b>Percent Distribution</b>										
<b>HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1993</b>										
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	-	
<b>HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1993</b>										
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	-	-	-	
<b>HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1993<sup>1</sup></b>										
West.....	100.0	78.0	.5	.2	21.2	17.3	2.8	.7	.3	
Inside MSA's.....	100.0	79.3	.8	.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	-	

<sup>1</sup>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-					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Number</b>										
<b>HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980</b>										
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	1 062	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
<b>HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980</b>										
United States .....	8 657	7 431	49	98	1 079	606	128	52	245	48
Inside MSA's .....	7 328	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	168	70	-	54	3
<b>HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980<sup>1</sup></b>										
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	-
<b>Percent Distribution</b>										
<b>HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980</b>										
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	5.9	2.1	2.5	.6	.3	.2
In central cities .....	100.0	93.4	.4	1.5	4.8	2.2	.9	.7	.4	.4
Not in central cities .....	100.0	92.2	.6	.8	6.6	2.0	3.6	.6	.3	.2
Outside MSA's .....	100.0	85.8	.5	.8	13.1	3.9	7.1	1.0	.7	.3
<b>HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980</b>										
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	.7
In central cities .....	100.0	87.3	.8	1.4	10.6	5.9	.3	.7	2.9	.4
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
<b>HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980<sup>1</sup></b>										
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	-

<sup>1</sup>Persons of Hispanic origin may be of any race.

XVIII Components of Inventory Change: 1980-1993

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—						
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	Other means			Other
								To nonresidential use	Exposed, damaged, or condemned		
<b>Number</b>											
<b>HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980</b>											
Northeast .....	15 283	14 286	138	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	
<b>HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980</b>											
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	—	—	—	—	
<b>HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980<sup>1</sup></b>											
Northeast .....	781	723	5	6	46	31	—	—	4	9	
Inside MSA's .....	763	710	5	6	41	26	—	2	4	9	
In central cities .....	603	555	3	6	39	24	—	—	4	9	
Not in central cities .....	160	155	2	—	2	2	—	—	—	—	
Outside MSA's .....	18	13	—	—	5	5	—	—	—	—	
<b>Percent Distribution</b>											
<b>HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980</b>											
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	
<b>HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980</b>											
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	—	—	—	—	
<b>HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980<sup>1</sup></b>											
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	.8	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	—	—	—	—	

<sup>1</sup>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—						
			Conversion	Merger	Total	Demolition or disaster	Other means				
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other	
<b>Number</b>											
<b>HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980</b>											
Midwest .....	19 038	17 598	111	195	1 134	439	478	123	71	25	
Inside MSA's .....	12 824	12 100	74	152	588	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	388	132	211	34	17	5	
Outside MSA's .....	6 114	5 498	37	43	535	205	234	56	29	11	
<b>HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980</b>											
Midwest .....	1 733	1 466	5	14	248	166	2	9	68	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	—	—	—	
<b>HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980<sup>1</sup></b>											
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	—	—	—	—	
<b>Percent Distribution</b>											
<b>HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980</b>											
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	
<b>HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980</b>											
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	—	—	—	
<b>HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980<sup>1</sup></b>											
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	83.8	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	—	—	—	—	

<sup>1</sup>Persons of Hispanic origin may be of any race.

XX Components of Inventory Change: 1980-1993

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	
<b>Number</b>											
<b>HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980</b>											
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	83	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	
<b>HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980</b>											
South .....	4 406	3 674	10	43	678	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	
<b>HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980<sup>1</sup></b>											
South .....	1 184	1 046	5	3	130	60	29	10	27	4	
Inside MSA's .....	1 025	923	2	—	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	—	
<b>Percent Distribution</b>											
<b>HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980</b>											
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	4.8	.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	
<b>HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980</b>											
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	2.8	.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	
<b>HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980<sup>1</sup></b>											
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	—	6.3	—	

<sup>1</sup>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**

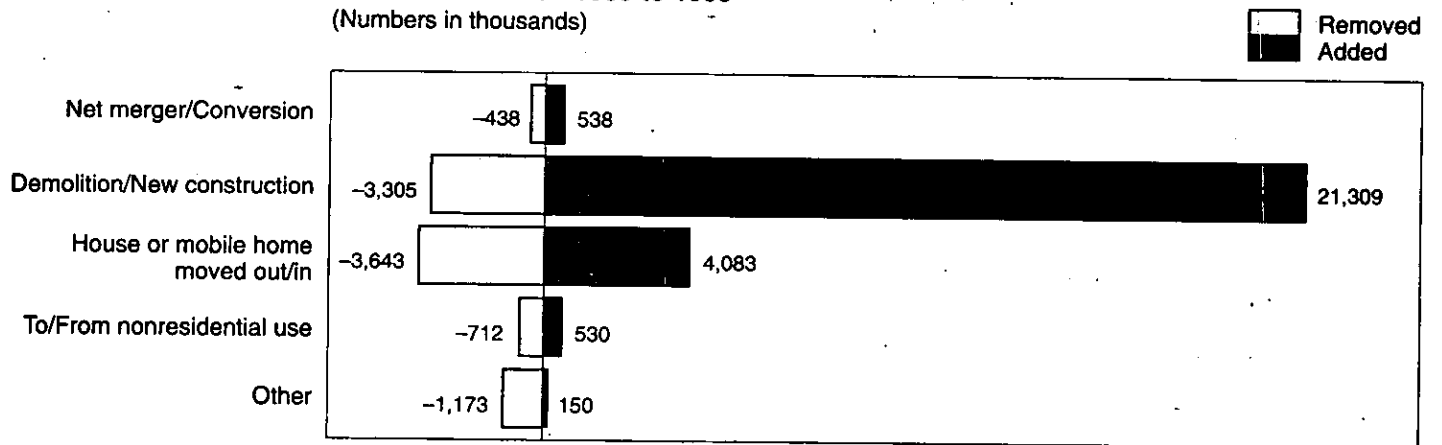
[Numbers in thousands. Data based on sample, see text. For meaning of symbols, see text.]

West	Total housing units, 1980	Same units, 1980 and 1993	Units changed by—		Units lost through—						
			Conversion	Merger	Total	Demolition or disaster	Other means			Other	
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned		
<b>Number</b>											
<b>HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980</b>											
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	
<b>HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980</b>											
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	—	8	6	2	—	—	—	
Outside MSA's.....	27	18	—	—	11	8	3	—	—	—	
<b>HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980<sup>1</sup></b>											
West.....	1 617	1 484	8	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	—	—	—	
Outside MSA's.....	161	121	—	—	40	18	19	6	—	—	
<b>Percent Distribution</b>											
<b>HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980</b>											
West.....	100.0	91.5	.4	.8	7.5	2.8	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	.8	.3	
<b>HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980</b>											
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	—	—	—	
<b>HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980<sup>1</sup></b>											
West.....	100.0	90.5	.3	.5	8.8	5.8	2.0	.5	.1	.3	
Inside MSA's.....	100.0	92.3	.4	.6	8.8	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	—	—	

<sup>1</sup>Persons of Hispanic origin may be of any race.



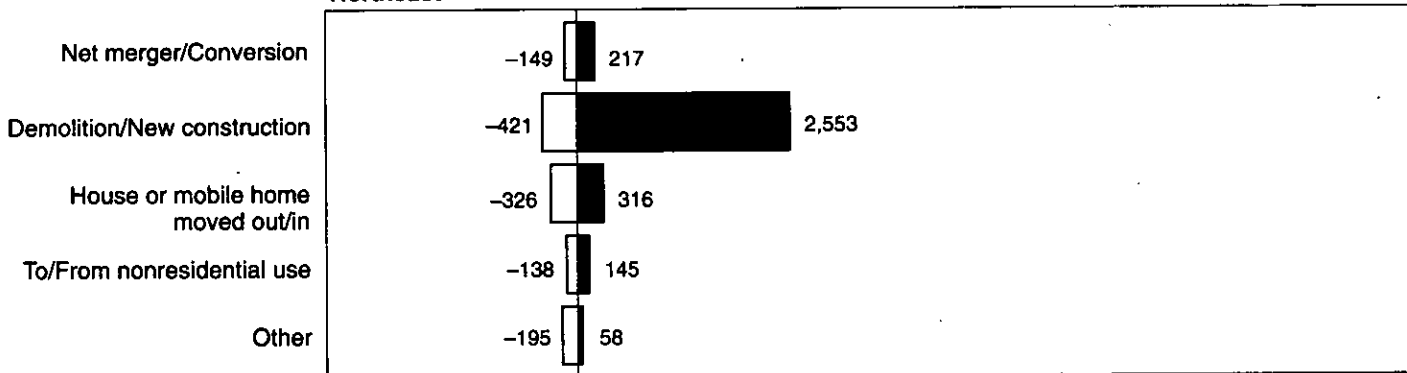
Figure 1.  
**Changes in the Housing Inventory for  
the United States: 1980 to 1993**  
(Numbers in thousands)



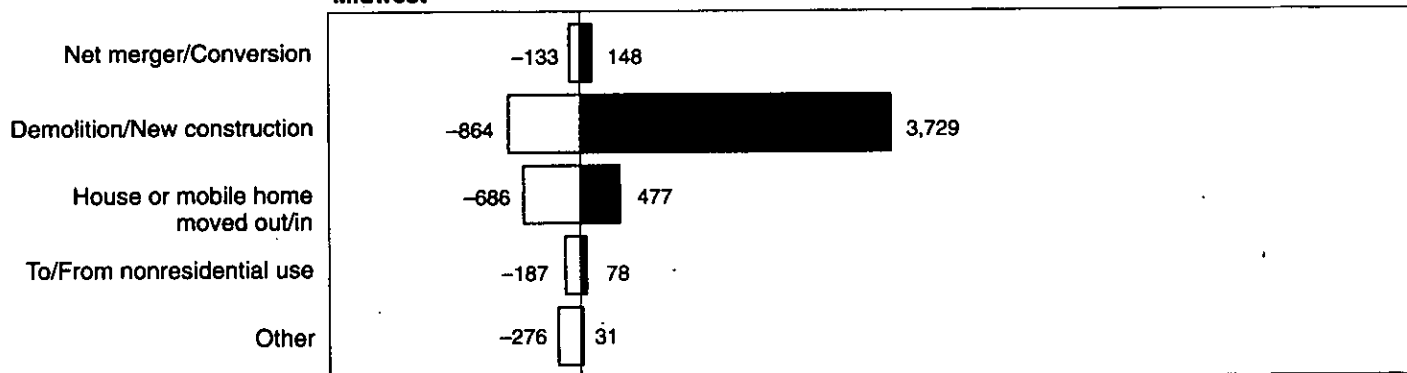
**Figure 2.**  
**Changes in the Housing Inventory**  
**by Region: 1980 to 1993**  
 (Numbers in thousands)

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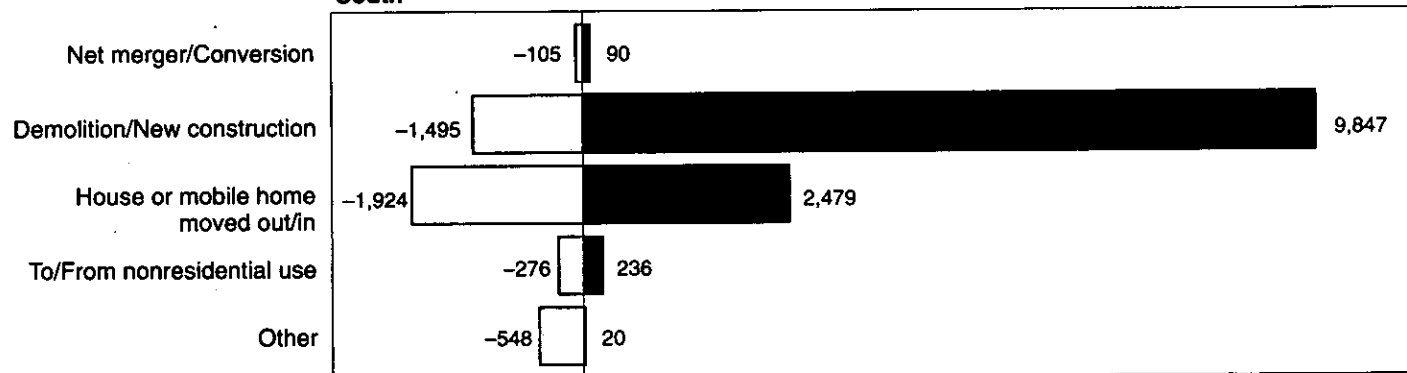
**Northeast**



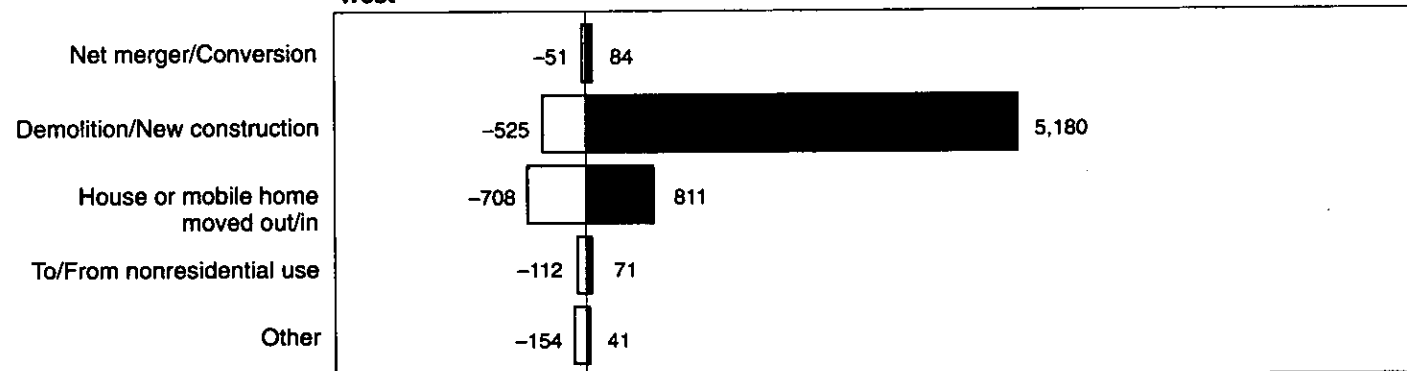
**Midwest**



**South**



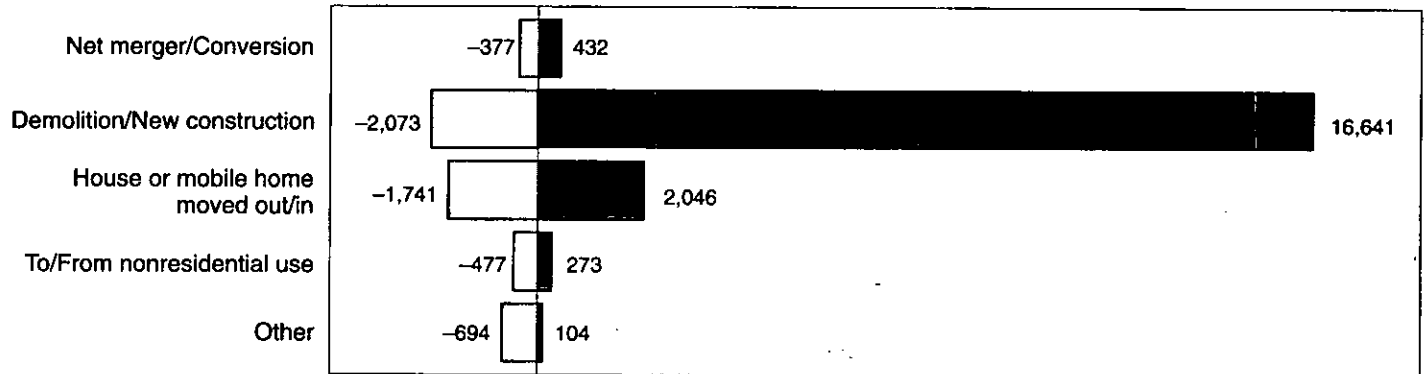
**West**



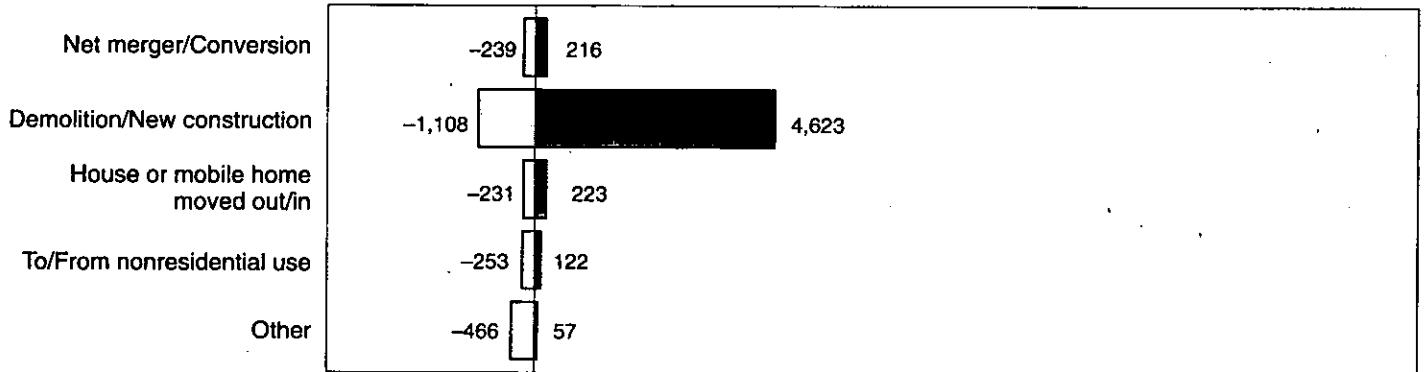
**Figure 3.**  
**Changes in the Housing Inventory by**  
**Metropolitan Residence: 1980 to 1993**  
 (Numbers in thousands)

Removed  
 Added

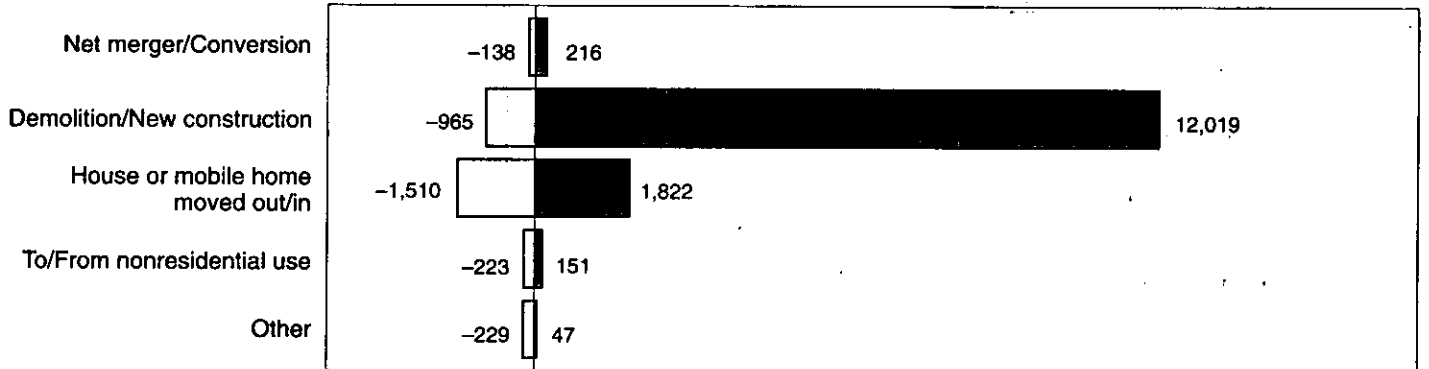
**Inside MSA's**



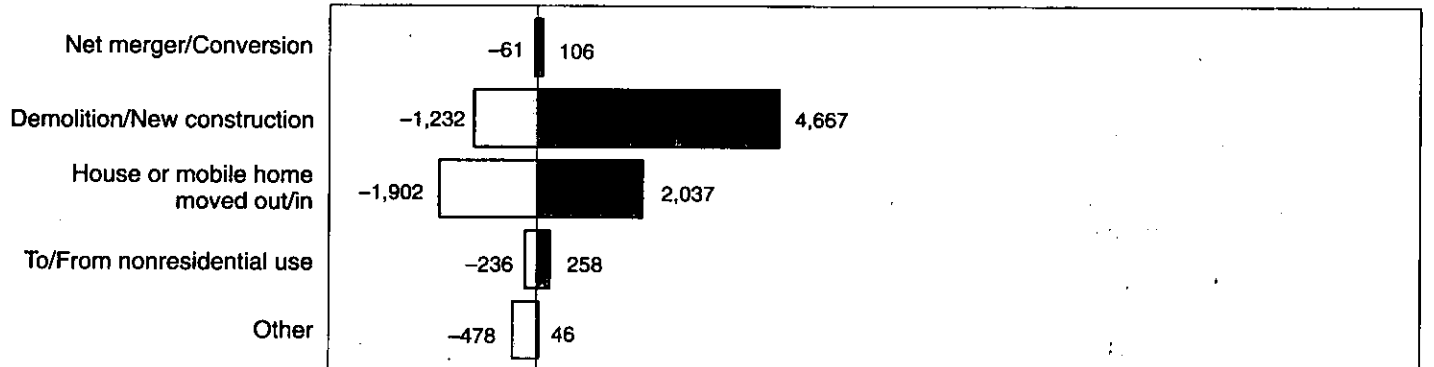
**Inside central cities**



**Not in central cities**



**Outside MSA's**



**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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	106 611	79 168	1 000	371	26 072	21 309	4 083	530	150
<b>Occupancy Status</b>									
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
<b>Tenure</b>									
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
<b>Units in Structure</b>									
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	-	-
<b>Cooperatives and Condominiums</b>									
Cooperatives .....	884	729	1	4	130	76	55	-	-
Condominiums .....	4 780	2 718	4	12	2 046	2 028	10	8	-
<b>Year Structure Built<sup>1</sup></b>									
1990 to 1994 .....	5 143	-	-	-	5 143	5 139	4	-	-
1985 to 1989 .....	8 761	-	-	-	8 761	8 742	18	-	-
1980 to 1984 .....	7 839	389	-	-	7 550	7 427	114	-	8
1975 to 1979 .....	11 800	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 .....	18 516	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 .....	1984	1957	1939	1939	1984	1985	1973	1947	1963
<b>Suitability for Year-Round Use<sup>2</sup></b>									
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
<b>Time Sharing</b>									
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 .....	-	-	-	-	-	-	-	-	-
<b>Duration of Vacancy</b>									
Vacant units .....	11 076	7 708	140	34	3 194	2 079	994	111	10
Less than 1 month vacant .....	2 963	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
<b>Last Used as a Permanent Residence</b>									
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
<b>Metropolitan/Nonmetropolitan Areas</b>									
Inside metropolitan statistical areas .....	80 894	60 823	802	306	19 063	18 841	2 046	273	104
In central cities .....	32 280	26 678	386	181	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
<b>Regions</b>									
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	238	31
South .....	37 885	25 064	162	77	12 582	9 847	2 479	76	20
West .....	22 067	15 760	171	52	6 104	5 180	811	71	41

2 Components of Inventory Change: 1980-1993

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--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Urbanized Areas</b>									
Inside urbanized areas .....	63 579	50 845	646	268	11 823	10 847	720	184	92
In central cities of (P)MSA's .....	31 628	26 308	384	191	4 748	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
<b>Place Size<sup>3</sup></b>									
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	7 897	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 .....	8 890	7 410	71	27	1 482	1 350	83	17	32
100,000 to 249,999 persons .....	8 145	6 448	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 .....	6 868	6 271	103	67	525	419	27	55	24

<sup>1</sup>For mobile home, oldest category is 1939 or earlier.  
<sup>2</sup>If occupied year-round, assumed to be suitable for year-round use.  
<sup>3</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>106 611</b>	<b>79 168</b>	<b>1 000</b>	<b>371</b>	<b>26 072</b>	<b>21 309</b>	<b>4 083</b>	<b>530</b>	<b>150</b>
<b>Stories in Structure</b>									
1 .....	2 678	1 858	158	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	-	-	-	-	-	-
<b>Stories Between Main and Apartment Entrances</b>									
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	28	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
<b>Common Stairways</b>									
Multiunits, 2 or more floors .....	25 056	18 498	829	100	5 630	5 328	22	189	91
No common stairways .....	4 830	3 483	394	18	1 034	989	1	37	6
With common stairways .....	18 684	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 .....	1 482	989	87	6	381	357	4	3	17
<b>Light Fixtures in Public Halls</b>									
2 or more units in structure .....	27 734	20 356	986	114	6 280	5 945	28	209	99
No public halls .....	10 443	7 168	639	44	2 595	2 595	5	73	17
No light fixtures in public halls .....	57	44	5	-	8	8	-	-	-
All in working order .....	10 548	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
<b>Elevator on Floor</b>									
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
<b>Foundation</b>									
1 unit bldg. excl. mobile homes .....	71 017	57 394	-	258	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
<b>External Building Conditions<sup>1</sup></b>									
Sagging roof .....	109	94	14	1	-	-	-	-	-
Missing roofing material .....	194	189	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	158	78
Could not observe or not reported .....	2 152	1 458	130	6	558	533	4	4	18
<b>Site Placement</b>									
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	38	-	-	198	59	139	-	-

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

4 Components of Inventory Change: 1980-1993

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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	106 811	79 168	1 000	371	26 072	21 309	4 083	530	150
<b>Rooms</b>									
1 room .....	813	568	66	6	174	70	32	35	37
2 rooms .....	1 327	989	71	1	256	136	89	43	8
3 rooms .....	9 430	8 997	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	189	57	6 069	4 773	1 171	107	18
6 rooms .....	21 622	17 126	101	71	4 324	3 860	361	63	19
7 rooms .....	13 882	10 912	57	52	2 840	2 655	161	21	2
8 rooms .....	8 138	6 138	10	56	1 834	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
<b>Bedrooms</b>									
None .....	1 492	1 147	100	6	240	128	32	42	37
1 .....	13 245	9 806	358	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
<b>Complete Bathrooms</b>									
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
<b>Square Footage of Unit</b>									
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	2 823	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	1 829	1 306	515	77	31
Median .....	1 671	1 708	—	1 972	1 523	1 811	817	1 202	—
<b>Lot Size</b>									
Less than one-eighth acre .....	7 141	5 714	—	40	1 387	973	402	12	—
One-eighth up to one-quarter acre .....	13 095	10 688	—	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	641	160	16	4
10 acres or more .....	3 471	2 559	—	4	908	481	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	1.78	—

## 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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	106 611	79 168	1 000	371	26 072	21 309	4 083	530	150
<b>Equipment<sup>1</sup></b>									
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 .....	103 787	76 955	913	359	25 540	20 969	3 954	491	128
Less than 5 years old .....	35 458	24 284	283	130	10 781	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	18	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	182	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 .....	77 831	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	—
<b>Air conditioning:</b>									
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	—	—
<b>Main Heating Equipment</b>									
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	130	130	1 161	965	43	123	29
Electric heat pump .....	9 478	4 517	33	9	4 830	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	8	344	240	86	17	1
None .....	1 569	1 187	17	11	354	162	150	38	4
<b>Other Heating Equipment</b>									
With other heating equipment <sup>1</sup> .....	28 536	20 735	188	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	1 288	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	—
<b>Plumbing</b>									
With all plumbing facilities .....	104 471	77 583	932	363	25 593	21 032	3 926	499	136
Lacking some plumbing facilities <sup>1</sup> .....	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
<b>Source of Water</b>									
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



6 Components of Inventory Change: 1980-1993

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--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Means of Sewage Disposal</b>									
Public sewer .....	81 345	62 608	819	331	17 589	15 582	1 535	336	136
Septic tank, cesspool, chemical toilet .....	24 805	16 225	181	39	8 380	5 674	2 487	185	14
Other .....	460	337	-	-	124	53	61	9	-

<sup>1</sup>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
<b>Total</b> .....	106 611	79 168	1 000	371	26 072	21 309	4 083	530	150
<b>Main House Heating Fuel</b>									
Housing units with heating fuel .....	105 042	77 980	984	360	25 718	21 147	3 933	492	146
Electricity .....	28 643	18 462	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	10 818	201	67	1 167	818	243	90	16
Kerosene or other liquid fuel .....	1 215	682	5	—	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 .....	567	442	2	8	135	76	56	—	1
<b>Other House Heating Fuels</b>									
With other heating fuels <sup>1</sup> .....	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	—	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 .....	388	280	4	1	101	76	23	—	2
Not reported .....	585	444	4	—	137	122	11	4	—
<b>Cooking Fuel</b>									
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	—	—
<b>Water Heating Fuel</b>									
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	—
<b>Central Air Conditioning Fuel</b>									
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	—	—
<b>Clothes Dryer Fuel</b>									
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	2 667	2 683	154	28	2
Other .....	127	108	—	—	20	18	2	—	—

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	106 611	79 168	1 000	371	26 072	21 309	4 083	530	150
<b>Selected Amenities<sup>1</sup></b>									
Porch, deck, balcony, or patio .....	81 884	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. ....	32 783	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	181	29
Garage or carport not included .....	43 489	31 552	675	201	11 041	7 855	2 749	318	119
Offstreet parking included .....	33 832	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	-
<b>Owner or Manager on Property</b>									
Rental, multiunit <sup>2</sup> .....	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	2 180	-	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
<b>Selected Deficiencies<sup>1</sup></b>									
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	18
Broken plaster or peeling paint (interior) .....	4 403	3 880	79	32	412	219	141	48	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
<b>Description of Area Within 300 Feet<sup>1</sup></b>									
Single-family detached houses .....	9 744	7 633	622	49	1 440	1 318	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	48	1 323	1 141	4	137	41
Residential parking lots .....	7 635	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
<b>Age of Other Residential Buildings Within 300 Feet</b>									
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	2 828	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
<b>Mobile Homes in Group</b>									
Mobile homes .....	7 843	1 418	-	2	6 425	2 540	3 885	-	-
1 to 6 .....	4 842	642	-	1	4 199	1 844	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	-	-
<b>Other Buildings Vandalized or With Interior Exposed</b>									
None .....	23 758	17 477	782	97	5 402	5 126	19	188	69
1 building .....	448	378	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
<b>Bars on Windows of Buildings</b>									
With other buildings within 300 feet .....	25 145	18 687	845	106	5 526	5 227	23	204	73
No bars on windows .....	20 858	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	-	-	-
<b>Condition of Streets</b>									
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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Trash, Litter, or Junk on Streets or any Properties</b>									
None .....	18 810	13 182	816	67	4 936	4 727	15	141	54
Minor accumulation .....	8 444	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

<sup>1</sup>Figures may not add to total because more than one category may apply to a unit.  
<sup>2</sup>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--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b>	106 611	79 168	1 000	371	26 072	21 309	4 083	530	150
<b>Monthly Housing Costs<sup>1</sup></b>									
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	27	6
\$400 to \$449	5 444	4 240	73	29	1 102	847	228	24	2
\$450 to \$499	5 333	4 124	70	13	1 126	935	166	22	2
\$500 to \$599	9 538	7 284	98	26	2 129	1 950	155	22	9
\$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	4	2
\$1,250 to \$1,499	3 053	1 919	19	15	1 100	1 089	6	5	1
\$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
<b>Median Monthly Housing Costs For Owners</b>									
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-	...
<b>OWNER HOUSING UNITS</b>									
<b>Total</b>	64 796	46 273	209	236	16 078	13 687	2 211	165	15
<b>Average Monthly Cost Paid for Real Estate Taxes</b>									
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	1
\$75 to \$99	6 653	5 199	24	33	1 396	1 347	44	6	1
\$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	4
Median	79	79	123	97	77	96	25-	34	...
<b>Annual Taxes Paid Per \$1,000 Value</b>									
Less than \$5	10 519	7 720	26	35	2 738	1 986	679	68	4
\$5 to \$9	16 792	12 327	48	58	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	1
\$20 to \$24	5 531	4 312	22	18	1 179	1 026	139	13	1
\$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	...
<b>Condominium and Cooperative Fee</b>									
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	843	480	-	2	160	158	-	4	-
Not reported	135	78	-	2	55	55	-	-	-
Median	140	160	-	...	121	120	-	...	...
<b>Other Housing Costs Per Month</b>									
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	...	...	...	...
<b>Value<sup>2</sup></b>									
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	1 893	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	88	29	-	-	39	39	-	-	-
Median	85 575	63 195	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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>OWNER HOUSING UNITS—Con.</b>									
<b>Other Activities on Property<sup>3</sup></b>									
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

<sup>1</sup>Rent asked for vacant units.

<sup>2</sup>Sales price for units that are for sale; purchase price for units sold but not yet occupied.

<sup>3</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	32 280	26 678	386	191	5 025	4 623	223	122	57
<b>Occupancy Status</b>									
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
<b>Tenure</b>									
Owner occupied .....	14 688	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
<b>Units In Structure</b>									
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	-	-
<b>Cooperatives and Condominiums</b>									
Cooperatives .....	548	509	1	3	34	34	-	-	-
Condominiums .....	1 454	927	2	5	521	515	-	6	-
<b>Year Structure Built<sup>1</sup></b>									
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	6
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
<b>Suitability for Year-Round Use<sup>2</sup></b>									
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
<b>Time Sharing</b>									
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 .....	-	-	-	-	-	-	-	-	-
<b>Duration of Vacancy</b>									
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	-
<b>Last Used as a Permanent Residence</b>									
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 .....	59	46	7	-	46	28	17	-	-
Don't know .....	135	87	4	1	43	33	2	8	-
Not reported .....	40	26	-	-	14	8	-	-	8
<b>Metropolitan/Nonmetropolitan Areas</b>									
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 .....	...	...	...	...	...	...	...	...	...
<b>Regions</b>									
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	83	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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Urbanized Areas</b>									
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	—	—
<b>Place Size<sup>2</sup></b>									
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

<sup>1</sup>For mobile home, oldest category is 1939 or earlier.

<sup>2</sup>If occupied year-round, assumed to be suitable for year-round use.

<sup>3</sup>Figures will not add to total, because all units are not in Places.



14 Components of Inventory Change: 1980-1993

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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>32 280</b>	<b>26 678</b>	<b>386</b>	<b>191</b>	<b>5 025</b>	<b>4 623</b>	<b>223</b>	<b>122</b>	<b>57</b>
<b>Stories In Structure</b>									
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	582	4	18	12
4 to 6 .....	2 819	2 473	93	16	237	200	1	21	10
7 or more .....	2 057	1 803	3	10	241	189	4	37	15
Not reported .....	1	-	1	-	-	-	-	-	12
<b>Stories Between Main and Apartment Entrances</b>									
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
<b>Common Stairways</b>									
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	7 726	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	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	18	3	65	54	-	4	7
Railings loose .....	187	169	13	1	2	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	-
<b>Light Fixtures in Public Halls</b>									
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	-
<b>Elevator on Floor</b>									
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	-
<b>Foundation</b>									
1 unit bldg. excl. mobile homes .....	17 486	15 076	-	128	2 282	2 229	13	28	12
With basement under all of building .....	8 089	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 .....	-	-	-	-	-	-	-	-	-
<b>External Building Conditions<sup>1</sup></b>									
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	8	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	1 689	14	55	45
Could not observe or not reported .....	980	736	23	3	217	212	4	2	-
<b>Site Placement</b>									
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	-	-

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>32 280</b>	<b>26 678</b>	<b>388</b>	<b>191</b>	<b>5 025</b>	<b>4 623</b>	<b>223</b>	<b>122</b>	<b>57</b>
<b>Rooms</b>									
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	108	11	771	706	34	31	-
4 rooms .....	7 081	5 626	82	18	1 345	1 204	85	45	12
5 rooms .....	6 961	5 886	56	26	892	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	2
8 rooms .....	1 807	1 450	5	29	323	316	5	-	-
9 rooms .....	810	613	5	19	173	173	-	-	-
10 rooms or more .....	558	428	5	18	108	108	-	-	-
Median .....	5.0	5.0	3.8	8.5	4.8	4.9	4.3	3.5	4.4
<b>Bedrooms</b>									
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	1 428	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
<b>Complete Bathrooms</b>									
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
<b>Square Footage of Unit</b>									
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	6	-	-
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	-	6	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	-	-
<b>Lot Size</b>									
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 .....	823	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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b>	<b>32 280</b>	<b>26 678</b>	<b>386</b>	<b>191</b>	<b>5 025</b>	<b>4 623</b>	<b>223</b>	<b>122</b>	<b>57</b>
<b>Equipment<sup>1</sup></b>									
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	2 168	2 068	35	12	22
Age not reported	906	875	4	3	224	206	6	4	—
Burners and oven	31 357	25 865	348	188	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	873	708	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	—	—	—
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	8	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	13 488	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	10 187	40	55	3 958	3 958	67	13	9
Less than 5 years old	5 079	3 287	16	24	1 752	1 720	16	4	3
Age not reported	938	661	2	—	270	246	18	4	—
<b>Air conditioning:</b>									
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	881	933	1	20	28	21	6	—	—
<b>Main Heating Equipment</b>									
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	298	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	181	187	—	—	5	5	—	—	—
Fireplaces with inserts	83	84	—	—	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
<b>Other Heating Equipment</b>									
With other heating equipment <sup>1</sup>	6 501	5 041	49	43	1 389	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	249	—	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	—	8	240	240	—	—	—
Fireplaces with no inserts	2 696	1 812	10	12	861	850	11	—	—
Other	177	143	2	—	32	32	—	—	—
<b>Plumbing</b>									
With all plumbing facilities	31 705	26 213	341	187	4 965	4 590	216	111	48
Lacking some plumbing facilities <sup>1</sup>	125	85	25	1	14	2	7	5	—
No hot piped water	8	2	—	—	6	2	—	4	—
No bathtub nor shower	116	78	26	—	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
<b>Source of Water</b>									
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	48	13	—	—
Drilled	157	107	—	—	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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Means of Sewage Disposal</b>									
Public sewer .....	31 684	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	-

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

18 Components of Inventory Change: 1980-1993

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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>32 280</b>	<b>26 678</b>	<b>388</b>	<b>191</b>	<b>5 025</b>	<b>4 623</b>	<b>223</b>	<b>122</b>	<b>57</b>
<b>Main House Heating Fuel</b>									
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
<b>Other House Heating Fuels</b>									
With other heating fuels <sup>1</sup> .....	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	-
<b>Cooking Fuel</b>									
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	-	-
<b>Water Heating Fuel</b>									
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	-
<b>Central Air Conditioning Fuel</b>									
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	18	12
Gas .....	828	875	2	2	147	144	-	4	-
Other .....	77	66	-	-	10	10	-	-	-
<b>Clothes Dryer Fuel</b>									
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	-	-	-	-	-	-	-

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>32 280</b>	<b>26 678</b>	<b>386</b>	<b>191</b>	<b>5 025</b>	<b>4 623</b>	<b>223</b>	<b>122</b>	<b>57</b>
<b>Selected Amenities<sup>1</sup></b>									
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	1 938	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	118	2 097	1 829	121	102	45
Offstreet parking included .....	9 811	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	-
<b>Owner or Manager on Property</b>									
Rental, multiunit <sup>2</sup> .....	14 389	11 472	368	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	1 828	90	28	311	286	1	17	7
<b>Selected Deficiencies<sup>1</sup></b>									
Holes in floors .....	593	520	24	10	40	28	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	-
<b>Description of Area Within 300 Feet<sup>1</sup></b>									
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 .....	9 918	7 834	254	45	1 783	1 710	1	47	28
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 .....	1 528	1 155	19	7	345	328	13	4	4
Other .....	910	722	19	7	163	143	-	15	5
Not observed or not reported .....	744	549	15	2	178	173	4	1	-
<b>Age of Other Residential Buildings Within 300 Feet</b>									
Older .....	825	519	13	1	293	279	7	3	4
About the same .....	9 729	7 846	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	-
<b>Mobile Homes in Group</b>									
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	-	-
<b>Other Buildings Vandalized or With Interior Exposed</b>									
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	14	5
<b>Bars on Windows of Buildings</b>									
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	84	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	-	-	-
<b>Condition of Streets</b>									
No repairs needed .....	9 634	7 587	265	40	1 742	1 625	18	74	25
Minor repairs needed .....	3 313	2 785	97	16	408	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
<b>Trash, Litter, or Junk on Streets or any Properties</b>									
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	-

<sup>1</sup>Figures may not add to total because more than one category may apply to a unit.  
<sup>2</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b>	<b>32 280</b>	<b>26 678</b>	<b>386</b>	<b>191</b>	<b>5 025</b>	<b>4 623</b>	<b>223</b>	<b>122</b>	<b>57</b>
<b>Monthly Housing Costs<sup>1</sup></b>									
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	6	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	—
<b>Median Monthly Housing Costs For Owners</b>									
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	636	123	—	—
<b>OWNER HOUSING UNITS</b>									
<b>Total</b>	<b>15 174</b>	<b>12 739</b>	<b>65</b>	<b>118</b>	<b>2 252</b>	<b>2 120</b>	<b>115</b>	<b>13</b>	<b>4</b>
<b>Average Monthly Cost Paid for Real Estate Taxes</b>									
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	78	73	95	84	94	100	25	—	—
<b>Annual Taxes Paid Per \$1,000 Value</b>									
Less than \$5	2 454	2 133	12	24	284	235	45	5	—
\$5 to \$9	4 147	3 336	16	32	782	728	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	1 289	1 090	5	8	168	159	9	—	—
\$25 or more	1 755	1 588	10	18	140	121	13	3	3
Median	11	11	11	11	11	11	7	—	—
<b>Condominium and Cooperative Fee</b>									
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	—	—	128	124	—	—	—
<b>Other Housing Costs Per Month</b>									
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	—	—	—	—	—	—	—	—	—
<b>Value<sup>2</sup></b>									
Less than \$10,000	182	132	2	1	58	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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>OWNER HOUSING UNITS—Con.</b>									
<b>Other Activities on Property<sup>2</sup></b>									
Commercial establishment.....	218	192	-	1	24	24	-	-	-
Medical or dental office.....	88	96	-	3	-	-	-	-	-
Neither.....	14 899	12 492	65	114	2 228	2 096	115	13	4

<sup>1</sup>Rent asked for vacant units.

<sup>2</sup>Sales price for units that are for sale; purchase price for units sold but not yet occupied.

<sup>3</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	48 715	34 145	416	115	14 038	12 019	1 822	151	47
<b>Occupancy Status</b>									
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
<b>Tenure</b>									
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
<b>Units in Structure</b>									
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	-	-
<b>Cooperatives and Condominiums</b>									
Cooperatives .....	260	194	-	-	67	28	38	-	-
Condominiums .....	2 878	1 537	-	7	1 334	1 324	10	-	-
<b>Year Structure Built<sup>1</sup></b>									
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 .....	2 838	2 586	14	7	31	-	5	24	1
Median .....	1968	1962	1945	1940	1985	1986	1973	1960	-
<b>Suitability for Year-Round Use<sup>2</sup></b>									
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	-	-	-
<b>Time Sharing</b>									
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 .....	-	-	-	-	-	-	-	-	-
<b>Duration of Vacancy</b>									
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	-
<b>Last Used as a Permanent Residence</b>									
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	-	-	-
<b>Metropolitan/Nonmetropolitan Areas</b>									
Inside metropolitan statistical areas .....	48 715	34 145	418	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 .....	...	...	...	...	...	...	...	...	...
<b>Regions</b>									
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 .....	18 534	9 885	82	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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Urbanized Areas</b>									
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	10 118	168	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
<b>Place Size<sup>3</sup></b>									
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 .....	-	-	-	-	-	-	-	-	-

<sup>1</sup>For mobile home, oldest category is 1939 or earlier.<sup>2</sup>If occupied year-round, assumed to be suitable for year-round use.<sup>3</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>48 715</b>	<b>34 145</b>	<b>416</b>	<b>115</b>	<b>14 038</b>	<b>12 019</b>	<b>1 822</b>	<b>151</b>	<b>47</b>
<b>Stories in Structure</b>									
1 .....	1 066	693	81	3	289	275	4	8	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	-	-	-	-	-	-
<b>Stories Between Main and Apartment Entrances</b>									
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	1	595	587	-	9	-
Not reported .....	498	274	47	9	176	171	-	1	4
<b>Common Stairways</b>									
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	-	-	5	5	-	-	-
Status of steps not reported .....	27	20	2	-	160	155	-	1	4
Status of stairways not reported .....	468	260	47	1	-	-	-	-	-
<b>Light Fixtures in Public Halls</b>									
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	-	25	20	-	1	4
None in working order .....	5	5	-	-	-	-	-	5	-
Unable to determine if working .....	1 532	1 107	17	8	400	395	-	1	4
Not reported .....	562	319	47	1	195	191	-	-	-
<b>Elevator on Floor</b>									
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
<b>Foundation</b>									
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	6 487	-	8	3 679	3 601	19	55	4
Other .....	635	524	-	1	109	102	-	8	-
Not reported .....	31	-	-	-	31	7	-	-	24
<b>External Building Conditions<sup>1</sup></b>									
Sagging roof .....	32	20	11	1	-	-	-	-	-
Missing roofing material .....	63	53	4	-	5	2	4	-	-
Hole in roof .....	19	13	-	-	6	6	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	6	1	4	4	4	1	-
Broken windows .....	65	50	6	1	8	8	4	3	-
Bars on windows .....	42	32	2	-	8	5	4	-	-
Foundation crumbling or has open crack or hole .....	86	74	5	1	6	2	-	-	4
Could not see foundation .....	295	203	15	1	66	62	-	-	4
None of the above .....	8 447	5 573	289	28	2 557	2 526	-	28	5
Could not observe or not reported .....	738	427	67	1	242	237	-	1	-
<b>Site Placement</b>									
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	-	-

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	48 715	34 145	418	115	14 038	12 019	1 822	151	47
<b>Rooms</b>									
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 .....	10 480	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	8	17	1 372	1 335	26	7	4
9 rooms .....	2 354	1 624	5	11	704	714	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	—
<b>Bedrooms</b>									
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	—
<b>Complete Bathrooms</b>									
None .....	188	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	8 963	8 470	469	34	10
<b>Square Footage of Unit</b>									
Single detached and mobile homes .....	35 547	25 654	—	78	9 815	7 868	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	—	—	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	—
<b>Lot Size</b>									
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	1 458	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	1 488	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	.78	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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	48 715	34 145	416	115	14 038	12 019	1 822	151	47
<b>Equipment<sup>1</sup></b>									
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	—	—	7	7	—	—	5
Less than 5 years old .....	12	5	—	—	—	—	4	—	5
Age not reported .....	17	8	—	—	9	—	—	—	—
Oven only .....	33	22	—	—	11	11	—	—	—
Less than 5 years old .....	19	8	—	—	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	292	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	4 487	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	4 380	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	—	—
<b>Main Heating Equipment</b>									
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	—
<b>Other Heating Equipment</b>									
With other heating equipment <sup>1</sup> .....	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	—
<b>Plumbing</b>									
With all plumbing facilities .....	47 996	33 632	402	114	13 850	11 887	1 770	146	47
Lacking some plumbing facilities <sup>1</sup> .....	53	44	1	—	8	4	3	1	—
No hot piped water .....	31	28	—	—	3	2	—	—	—
No bathtub nor shower .....	32	28	1	—	5	2	—	—	—
No flush toilet .....	18	13	—	—	5	2	—	—	—
No plumbing facilities for exclusive use .....	663	468	13	1	181	127	50	4	—
<b>Source of Water</b>									
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	468	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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Means of Sewage Disposal</b>									
Public sewer .....	38 655	26 241	286	94	10 034	9 156	760	77	40
Septic tank, cesspool, chemical toilet .....	12 001	7 858	131	21	3 991	2 659	1 052	74	6
Other .....	59	45	-	-	13	4	9	-	-

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	48 715	34 145	416	115	14 038	12 019	1 822	151	47
<b>Main House Heating Fuel</b>									
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	268	-	-	262	113	145	4	-
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	-	-
<b>Other House Heating Fuels</b>									
With other heating fuels <sup>1</sup> .....	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	98	71	-	-
Coal or coke .....	83	63	-	1	19	15	4	-	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	-	-
<b>Cooking Fuel</b>									
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
Fuel oil .....	163	106	-	-	57	37	20	-	-
Kerosene or other liquid fuel .....	3	3	-	-	-	-	-	-	-
Coal or coke .....	10	8	-	-	2	2	-	-	-
Wood .....	124	64	-	2	59	28	31	-	-
Other .....	-	-	-	-	-	-	-	-	-
<b>Water Heating Fuel</b>									
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	-	-
<b>Central Air Conditioning Fuel</b>									
With central air conditioning .....	24 908	14 716	53	22	10 117	9 369	679	36	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	-	-	-
<b>Clothes Dryer Fuel</b>									
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	-	-	-

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	48 715	34 145	416	115	14 038	12 019	1 622	151	47
<b>Selected Amenities<sup>1</sup></b>									
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	6 088	5 933	103	28	4
Separate dining room .....	23 928	16 974	116	63	6 776	6 367	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	—	—	38	—	—	—	—
Garage or carport not reported .....	135	70	2	1	62	55	7	—	—
<b>Owner or Manager on Property</b>									
Rental, multiunit <sup>2</sup> .....	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	—
<b>Selected Deficiencies<sup>1</sup></b>									
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
<b>Description of Area Within 300 Feet<sup>1</sup></b>									
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 .....	867	393	14	4	256	253	—	3	—
Open space, park, farm, or ranch .....	2 087	1 217	100	14	758	738	4	11	4
4+ lane highway, railroad, or airport .....	1 129	802	29	4	294	289	—	4	—
Other .....	418	296	14	2	104	96	4	1	—
Not observed or not reported .....	574	328	51	1	194	188	—	1	5
<b>Age of Other Residential Buildings Within 300 Feet</b>									
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
<b>Mobile Homes in Group</b>									
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 .....	—	—	—	—	—	—	—	—	—
<b>Other Buildings Vandalized or With Interior Exposed</b>									
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
<b>Bars on Windows of Buildings</b>									
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	—	—	—
Not reported .....	34	27	2	—	5	5	—	—	—
<b>Condition of Streets</b>									
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	—	—	—
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—					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
<b>Trash, Litter, or Junk on Streets or any Properties</b>										
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	

<sup>1</sup>Figures may not add to total because more than one category may apply to a unit.  
<sup>2</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>48 715</b>	<b>34 145</b>	<b>416</b>	<b>115</b>	<b>14 038</b>	<b>12 019</b>	<b>1 822</b>	<b>151</b>	<b>47</b>
<b>Monthly Housing Costs<sup>1</sup></b>									
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	128	5	4
\$400 to \$449 .....	2 044	1 548	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	28	17	877	858	8	3	7
\$800 to \$999 .....	4 893	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	928	34	--	--
Median (excludes no cash rent) .....	592	558	553	695	697	771	296	344	--
<b>Median Monthly Housing Costs For Owners</b>									
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	--	--
<b>OWNER HOUSING UNITS</b>									
<b>Total</b> .....	<b>33 106</b>	<b>23 478</b>	<b>114</b>	<b>69</b>	<b>9 446</b>	<b>8 371</b>	<b>1 024</b>	<b>43</b>	<b>6</b>
<b>Average Monthly Cost Paid for Real Estate Taxes</b>									
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	843	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	--	--
<b>Annual Taxes Paid Per \$1,000 Value</b>									
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	5 835	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	--	--
<b>Condominium and Cooperative Fee</b>									
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 .....	148	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	--	--	38	38	--	--	--
Median .....	136	149	--	--	123	123	--	--	--
<b>Other Housing Costs Per Month</b>									
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	--	--	--	--	--	--	--	--
<b>Value<sup>2</sup></b>									
Less than \$10,000 .....	948	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	822	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	1 238	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	--	--	--	--
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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>OWNER HOUSING UNITS—Con.</b>									
<b>Other Activities on Property<sup>3</sup></b>									
Commercial establishment.....	398	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

<sup>1</sup>Rent asked for vacant units.

<sup>2</sup>Sales price for units that are for sale; purchase price for units sold but not yet occupied.

<sup>3</sup>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
<b>Total</b> .....	25 616	18 345	198	65	7 009	4 667	2 037	258	46
<b>Occupancy Status</b>									
Vacant and URE .....	4 348	2 891	44	8	1 406	786	553	65	12
Occupied .....	21 268	15 454	154	57	5 603	3 881	1 485	193	44
<b>Tenure</b>									
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
<b>Units in Structure</b>									
1, detached .....	18 131	15 498	-	48	2 585	2 348	69	162	5
1, attached .....	566	388	-	1	177	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 .....	3 865	512	-	-	3 373	1 411	1 962	-	-
<b>Cooperatives and Condominiums</b>									
Cooperatives .....	56	28	-	1	29	13	16	-	-
Condominiums .....	448	254	2	-	191	189	-	2	-
<b>Year Structure Built<sup>1</sup></b>									
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	-	668	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	28	-
1919 or earlier .....	3 309	3 225	12	3	69	-	1	67	2
Median .....	1963	1955	1937	1941	1982	1985	1973	1945	-
<b>Suitability for Year-Round Use<sup>2</sup></b>									
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	-	-	-
<b>Time Sharing</b>									
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 .....	-	-	-	-	-	-	-	-	-
<b>Duration of Vacancy</b>									
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
<b>Last Used as a Permanent Residence</b>									
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	-
<b>Metropolitan/Nonmetropolitan Areas</b>									
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
<b>Regions</b>									
Northeast .....	3 121	2 297	53	11	780	530	141	70	19
Midwest .....	7 808	6 401	83	24	1 401	1 046	285	50	20
South .....	10 779	7 098	49	16	3 816	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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Urbanized Areas</b>									
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
<b>Place Size<sup>3</sup></b>									
Less than 2,500 persons .....	3 347	2 766	35	9	538	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 .....	—	—	—	—	—	—	—	—	—

<sup>1</sup>For mobile home, oldest category is 1939 or earlier.<sup>2</sup>If occupied year-round, assumed to be suitable for year-round use.<sup>3</sup>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—					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
<b>Total</b> .....	<b>25 616</b>	<b>18 345</b>	<b>198</b>	<b>65</b>	<b>7 009</b>	<b>4 687</b>	<b>2 037</b>	<b>258</b>	<b>46</b>	
<b>Stories in Structure</b>										
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 .....	-	-	-	-	-	-	-	-	-	
<b>Stories Between Main and Apartment Entrances</b>										
Multiunits, 2 or more floors .....	2 454	1 607	168	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	
<b>Common Stairways</b>										
Multiunits, 2 or more floors .....	2 454	1 607	168	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	48	-	-	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	
<b>Light Fixtures in Public Halls</b>										
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	
<b>Elevator on Floor</b>										
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	
<b>Foundation</b>										
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 .....	-	-	-	-	-	-	-	-	-	
<b>External Building Conditions<sup>1</sup></b>										
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	
<b>Site Placement</b>										
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	-	-	

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>25 616</b>	<b>18 345</b>	<b>198</b>	<b>65</b>	<b>7 009</b>	<b>4 667</b>	<b>2 037</b>	<b>258</b>	<b>46</b>
<b>Rooms</b>									
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	...
<b>Bedrooms</b>									
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	...
<b>Complete Bathrooms</b>									
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	881	575	259	15	12
2 or more .....	7 628	4 499	6	41	3 062	2 621	399	60	2
<b>Square Footage of Unit</b>									
Single detached and mobile homes .....	22 016	18 011	—	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	1 148	—	21	721	441	253	28	—
Median .....	1 458	1 562	...	...	1 164	1 472	811	1 339	...
<b>Lot Size</b>									
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
<b>Total</b> .....	<b>25 618</b>	<b>18 345</b>	<b>198</b>	<b>65</b>	<b>7 009</b>	<b>4 667</b>	<b>2 037</b>	<b>256</b>	<b>46</b>
<b>Equipment<sup>1</sup></b>									
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	--	26	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	--	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	6	6	344	183	140	13	8
3 room units or more .....	437	387	1	4	45	24	21	--	--
<b>Main Heating Equipment</b>									
Warm-air furnace .....	12 621	9 005	82	23	3 510	2 195	1 238	69	8
Steam or hot water system .....	2 003	1 587	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	79	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	--
<b>Other Heating Equipment</b>									
With other heating equipment <sup>1</sup> .....	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 without inserts .....	1 491	1 129	13	2	347	332	15	--	--
Other .....	220	168	--	--	51	38	13	--	--
<b>Plumbing</b>									
With all plumbing facilities .....	24 768	17 738	189	62	6 779	4 555	1 940	242	42
Lacking some plumbing facilities <sup>1</sup> .....	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
<b>Source of Water</b>									
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	--	143	251	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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Means of Sewage Disposal</b>									
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	1 416	111	8
Other .....	390	284	-	-	106	49	52	5	-

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> -----	<b>25 616</b>	<b>18 345</b>	<b>198</b>	<b>65</b>	<b>7 009</b>	<b>4 667</b>	<b>2 037</b>	<b>258</b>	<b>46</b>
<b>Main House Heating Fuel</b>									
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 -----	8 908	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	-	-
<b>Other House Heating Fuels</b>									
With other heating fuels <sup>1</sup> -----	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 -----	378	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 -----	2 718	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	-	-
<b>Cooking Fuel</b>									
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	5 682	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	-	-
<b>Water Heating Fuel</b>									
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	-	-
<b>Central Air Conditioning Fuel</b>									
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	-	-
<b>Clothes Dryer Fuel</b>									
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	-	-

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>25 616</b>	<b>18 345</b>	<b>198</b>	<b>65</b>	<b>7 009</b>	<b>4 687</b>	<b>2 037</b>	<b>258</b>	<b>46</b>
<b>Selected Amenities<sup>1</sup></b>									
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 .....	8 059	4 567	29	20	1 443	1 316	85	43	—
Separate dining room .....	9 345	7 326	36	48	1 837	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	1 480	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	—	18	12	4	—	—
Garage or carport not reported .....	64	48	—	—	16	12	3	—	—
<b>Owner or Manager on Property</b>									
Rental, multiunit <sup>2</sup> .....	3 034	1 986	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	—	73	35
Not reported .....	577	363	42	9	162	151	—	5	6
<b>Selected Deficiencies<sup>1</sup></b>									
Holes in floors .....	460	312	6	—	142	43	94	5	—
Open cracks or holes (interior) .....	1 371	1 085	18	6	262	108	138	16	2
Broken plaster or peeling paint (interior) .....	1 199	1 013	11	6	189	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	—
<b>Description of Area Within 300 Feet<sup>1</sup></b>									
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 .....	1 822	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	158	—	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	3	—	256	234	—	17	5
4+ lane highway, railroad, or airport .....	200	155	7	—	38	38	—	—	—
Other .....	117	83	7	—	47	47	—	—	—
Not observed or not reported .....	412	279	35	2	96	82	—	1	13
<b>Age of Other Residential Buildings Within 300 Feet</b>									
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
<b>Mobile Homes in Group</b>									
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	—	—
<b>Other Buildings Vandalized or With Interior Exposed</b>									
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
<b>Bars on Windows of Buildings</b>									
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 .....	18	13	—	—	2	2	—	—	—
Not reported .....	15	7	—	—	8	8	—	—	—
<b>Condition of Streets</b>									
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 .....	28	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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Trash, Litter, or Junk on Streets or any Properties</b>									
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

<sup>1</sup>Figures may not add to total because more than one category may apply to a unit.  
<sup>2</sup>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
<b>Total</b> .....	25 616	18 345	198	65	7 009	4 667	2 037	258	46
<b>Monthly Housing Costs<sup>1</sup></b>									
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	25	4	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	—
\$500 to \$599 .....	1 170	886	20	4	486	408	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 \$899 .....	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	78	—	—	—
\$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	—
<b>Median Monthly Housing Costs For Owners</b>									
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	—
<b>OWNER HOUSING UNITS</b>									
<b>Total</b> .....	16 515	12 056	30	49	4 380	3 196	1 071	108	4
<b>Average Monthly Cost Paid for Real Estate Taxes</b>									
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	—
<b>Annual Taxes Paid Per \$1,000 Value</b>									
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 .....	1 184	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	—
<b>Condominium and Cooperative Fee</b>									
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	—	—	—
<b>Other Housing Costs Per Month</b>									
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 .....	—	—	—	—	—	—	—	—	—
<b>Value<sup>2</sup></b>									
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	5	—
\$50,000 to \$59,999 .....	1 483	1 306	2	5	171	142	24	14	—
\$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	—	76	68	—	—	—
\$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--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>OWNER HOUSING UNITS—Con.</b>									
<b>Other Activities on Property<sup>3</sup></b>									
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

<sup>1</sup>Rent asked for vacant units.<sup>2</sup>Sales price for units that are for sale; purchase price for units sold but not yet occupied.<sup>3</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	94 314	70 668	843	331	22 472	18 920	3 014	404	135
<b>Tenure</b>									
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
<b>Race and Origin</b>									
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
<b>Units in Structure</b>									
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	—	—
<b>Cooperatives and Condominiums</b>									
Cooperatives .....	706	624	1	3	78	61	18	—	—
Condominiums .....	3 565	2 001	2	7	1 555	1 552	—	3	—
<b>Year Structure Built<sup>1</sup></b>									
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	—	108	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
<b>Median</b> .....	<b>1963</b>	<b>1958</b>	<b>1939</b>	<b>1939</b>	<b>1984</b>	<b>1985</b>	<b>1973</b>	<b>1949</b>	<b>1963</b>
<b>Metropolitan/Nonmetropolitan Areas</b>									
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
<b>Regions</b>									
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
<b>Urbanized Areas</b>									
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	3 906	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
<b>Place Size<sup>2</sup></b>									
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	1 289	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	2 165	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	20	748	703	29	11	5
500,000 to 999,999 persons .....	4 347	3 554	61	37	701	675	13	13	—
1,000,000 persons or more .....	6 220	5 626	90	61	443	370	16	40	16

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



46. Components of Inventory Change: 1980-1993

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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From non-residential use	Other
<b>Total</b> .....	<b>94 314</b>	<b>70 668</b>	<b>843</b>	<b>331</b>	<b>22 472</b>	<b>18 920</b>	<b>3 014</b>	<b>404</b>	<b>135</b>
<b>Stories In Structure</b>									
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	—	—	—	—	—	—
<b>Stories Between Main and Apartment Entrances</b>									
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	318	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
<b>Common Stairways</b>									
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	18	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	148	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
<b>Light Fixtures in Public Halls</b>									
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
<b>Elevator on Floor</b>									
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
<b>Foundation</b>									
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	68	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
<b>External Building Conditions<sup>1</sup></b>									
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	4 388	4 191	14	117	65
Could not observe or not reported .....	1 728	1 133	102	6	487	467	—	3	18
<b>Site Placement</b>									
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	168	667	—	—
Not reported .....	177	26	—	—	151	52	99	—	—
<b>Previous Occupancy</b>									
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

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	94 314	70 668	843	331	22 472	18 920	3 014	404	135
<b>Rooms</b>									
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	15 684	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	989	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
<b>Bedrooms</b>									
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	8 905	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
<b>Complete Bathrooms</b>									
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
<b>Square Footage of Unit</b>									
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	1 640	850	1 184	-
<b>Lot Size</b>									
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	-
<b>Persons Per Room</b>									
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	8 966	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
<b>Square Feet Per Person</b>									
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	-
400 to 499 .....	6 785	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--				
			Conversion	Merger	Total	New construction	Other sources			Other
							House or mobile home moved in	From nonresidential use		
<b>Total</b> .....	<b>94 314</b>	<b>70 668</b>	<b>843</b>	<b>331</b>	<b>22 472</b>	<b>18 920</b>	<b>3 014</b>	<b>404</b>		<b>135</b>
<b>Equipment<sup>1</sup></b>										
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	366		82
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	22 868	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	366		93
Less than 5 years old .....	26 504	17 320	216	104	8 864	6 132	592	120		19
Age not reported .....	1 678	1 056	18	2	604	545	48	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 .....	17 833	10 604	62	58	7 209	6 990	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	17 889	15 703	1 962	184		19
Less than 5 years old .....	22 260	14 606	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	26 841	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		-
<b>Air conditioning:</b>										
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	865	128		14
2 room units .....	6 806	6 026	66	29	784	448	268	35		14
3 room units or more .....	2 520	2 341	18	30	130	89	41	-		-
<b>Main Heating Equipment</b>										
Warm-air furnace .....	51 667	38 044	335	128	13 162	11 071	1 932	112		48
Steam or hot water system .....	13 465	11 993	287	121	1 084	901	40	95		27
Electric heat pump .....	8 194	3 957	23	9	4 205	4 033	141	18		14
Built-in electric units .....	6 525	4 696	49	24	1 755	93	70	28		28
Floor, wall, or other built-in hot air units without ducts .....	4 754	4 322	42	14	378	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	8	187	126	45	12		4
<b>Other Heating Equipment</b>										
With other heating equipment <sup>1</sup> .....	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	282	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	2 829	38	7		-
Other .....	781	593	5	2	181	157	23	1		-
<b>Plumbing</b>										
With all plumbing facilities .....	92 999	69 676	794	326	22 203	18 712	2 984	386		121
Lacking some plumbing facilities <sup>1</sup> .....	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
<b>Source of Water</b>										
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	18	3 694	2 620	980	90		4
Drilled .....	10 033	6 748	58	15	3 217	2 317	821	80		-
Dug .....	1 149	800	2	1	224	346	116	3		4
Not reported .....	567	435	2	-	131	79	43	8		-
Other .....	1 717	1 237	24	5	451	338	104	7		1
<b>Means of Sewage Disposal</b>										
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	1 678	131		14
Other .....	112	85	-	-	28	18	10	-		-

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>94 314</b>	<b>70 668</b>	<b>843</b>	<b>331</b>	<b>22 472</b>	<b>18 920</b>	<b>3 014</b>	<b>404</b>	<b>135</b>
<b>Main House Heating Fuel</b>									
Housing units with heating fuel .....	83 413	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	9 834	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	866	301	33	—
Solar energy .....	29	12	2	—	14	11	3	—	—
Other .....	463	359	2	8	95	66	28	—	1
<b>Other House Heating Fuels</b>									
With other heating fuels <sup>1</sup> .....	17 236	12 875	128	66	4 166	3 487	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	4	50	36	14	—	—
Kerosene or other liquid fuel .....	1 189	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 .....	89	73	3	—	24	24	—	—	2
Other .....	376	271	4	1	100	75	23	—	—
Not reported .....	574	437	4	—	133	118	11	4	—
<b>Cooking Fuel</b>									
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	68	47	—	—
Coal or coke .....	11	11	—	—	—	—	—	—	—
Wood .....	13	5	—	—	8	—	—	—	—
Other .....	147	93	—	2	52	27	25	—	—
<b>Water Heating Fuel</b>									
With hot piped water .....	94 140	70 545	837	331	22 427	18 905	3 002	394	126
Electricity .....	34 658	22 096	187	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	—
<b>Central Air Conditioning Fuel</b>									
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	—
<b>Clothes Dryer Fuel</b>									
With clothes dryer .....	68 318	49 862	353	232	17 869	15 703	1 962	184	19
Electricity .....	51 877	36 347	289	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	—
<b>Units Using Each Fuel<sup>1</sup></b>									
Electricity .....	94 281	70 642	843	331	22 484	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

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>94 314</b>	<b>70 668</b>	<b>843</b>	<b>331</b>	<b>22 472</b>	<b>18 920</b>	<b>3 014</b>	<b>404</b>	<b>135</b>
<b>Water Supply Stoppage</b>									
<b>With hot and cold piped water</b> .....	<b>94 140</b>	<b>70 545</b>	<b>837</b>	<b>331</b>	<b>22 427</b>	<b>18 905</b>	<b>3 002</b>		
No stoppage in last 3 months .....	89 623	67 242	808	315	21 259	18 041	2 741	394	126
With stoppage in last 3 months .....	4 007	2 923	24	13	1 048	779	229	361	118
No stoppage lasting 6 hours or more .....	1 594	1 134	4	5	452	348	91	15	8
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	8	-
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
<b>Flush Toilet Breakdowns</b>									
<b>With one or more flush toilets</b> .....	<b>94 091</b>	<b>70 508</b>	<b>817</b>	<b>331</b>	<b>22 434</b>	<b>18 902</b>	<b>3 004</b>	<b>402</b>	<b>126</b>
With at least one working toilet at all times in last 3 months .....	89 226	68 723	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	1 028	14	7	320	222	86	5	7
1 time lasting 6 hours or more .....	2 128	1 698	26	2	399	307	72	16	4
2 times .....	458	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	1	-
Breakdowns not reported .....	313	222	12	2	77	61	13	3	-
<b>Sewage Disposal Breakdowns</b>									
<b>With public sewer</b> .....	<b>72 729</b>	<b>56 414</b>	<b>687</b>	<b>295</b>	<b>15 333</b>	<b>13 814</b>	<b>1 125</b>	<b>272</b>	<b>121</b>
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 times or more .....	42	37	-	-	4	-	-	-	-
<b>With septic tank or cesspool</b> .....	<b>21 473</b>	<b>14 169</b>	<b>156</b>	<b>36</b>	<b>7 112</b>	<b>5 088</b>	<b>1 878</b>	<b>131</b>	<b>14</b>
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	-	-	-	-
4 times or more .....	22	16	-	-	6	-	6	5	-
<b>Heating Problems</b>									
<b>With heating equipment and occupied last winter</b> .....	<b>85 358</b>	<b>64 733</b>	<b>668</b>	<b>301</b>	<b>19 656</b>	<b>16 562</b>	<b>2 681</b>	<b>304</b>	<b>109</b>
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 .....	5 954	4 694	69	30	1 162	912	226	16	8
<b>Equipment breakdowns</b> .....	<b>1 756</b>	<b>1 395</b>	<b>31</b>	<b>11</b>	<b>319</b>	<b>256</b>	<b>54</b>	<b>9</b>	<b>-</b>
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	218	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	-	-
<b>Other causes</b> .....	<b>4 430</b>	<b>3 465</b>	<b>44</b>	<b>21</b>	<b>901</b>	<b>703</b>	<b>182</b>	<b>8</b>	<b>8</b>
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	58	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	-	-
<b>Electric Fuses and Circuit Breakers</b>									
<b>With electrical wiring</b> .....	<b>94 293</b>	<b>70 654</b>	<b>843</b>	<b>331</b>	<b>22 484</b>	<b>18 912</b>	<b>3 014</b>	<b>404</b>	<b>135</b>
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	2 483	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	26	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

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>94 314</b>	<b>70 668</b>	<b>843</b>	<b>331</b>	<b>22 472</b>	<b>18 920</b>	<b>3 014</b>	<b>404</b>	<b>135</b>
<b>Selected Amenities<sup>1</sup></b>									
Porch, deck, balcony, or patio .....	73 256	54 047	522	247	18 440	15 963	2 198	248	30
Not reported .....	133	108	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	6 534	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	—	—	—
Garage or carport not reported .....	199	148	—	2	49	44	3	2	—
<b>Cars and Trucks Available<sup>1</sup></b>									
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	5
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
<b>Owner or Manager on Property</b>									
Rental, multiunit <sup>2</sup> .....	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
<b>Selected Deficiencies<sup>1</sup></b>									
Signs of rats in last 3 months .....	2 568	2 080	28	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
<b>Water Leakage During Last 12 Months</b>									
No leakage from inside structure .....	83 471	62 263	696	283	20 228	17 122	2 631	353	121
With leakage from inside structure <sup>1</sup> .....	10 725	8 312	145	48	2 220	1 778	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	19 380	16 509	2 394	329	129
With leakage from outside structure <sup>1</sup> .....	16 993	13 883	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	1 281	13	12	479	381	85	14	—
Exterior leakage not reported .....	138	93	2	—	40	37	—	3	—
<b>Overall Opinion of Structure</b>									
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	768	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	—
<b>Selected Physical Problems</b>									
Severe physical problems <sup>1</sup> .....	1 829	1 435	58	11	328	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	28	6	20	—	—
Hallways .....	5	5	—	1	—	—	—	—	—
Moderate physical problems <sup>1</sup> .....	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	—

<sup>1</sup>Figures may not add to total because more than one category may apply to a unit.  
<sup>2</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>94 314</b>	<b>70 668</b>	<b>843</b>	<b>331</b>	<b>22 472</b>	<b>18 920</b>	<b>3 014</b>	<b>404</b>	<b>135</b>
<b>Overall Opinion of Neighborhood</b>									
1 (worst) .....	1 374	1 148	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	39	20
6 .....	4 756	3 828	53	20	858	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	-
<b>Neighborhood Conditions</b>									
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 <sup>1</sup> .....	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	69	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	-	-
<b>Description of Area Within 300 Feet<sup>1</sup></b>									
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	387	377	-	2	18
<b>Age of Other Residential Buildings Within 300 Feet</b>									
Older .....	1 379	855	19	1	504	496	7	1	-
About the same .....	15 824	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
<b>Mobile Homes in Group</b>									
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	-	-
<b>Other Buildings Vandalized or With Interior Exposed</b>									
None .....	19 828	14 591	670	84	4 483	4 265	17	144	58
1 building .....	372	307	20	3	42	41	-	-	-
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
<b>Bars on Windows of Buildings</b>									
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	-	-	-
<b>Condition of Streets</b>									
No repairs needed .....	16 309	11 817	568	67	3 857	3 676	17	112	52
Minor repairs needed .....	4 418	3 518	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
<b>Trash, Litter, or Junk on Streets or any Properties</b>									
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	68	-	3	5
Not reported .....	1 386	906	78	5	397	379	-	2	17

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Population in housing units</b>	<b>245 872</b>	<b>182 879</b>	<b>1 857</b>	<b>1 117</b>	<b>60 019</b>	<b>51 424</b>	<b>7 364</b>	<b>991</b>	<b>240</b>
<b>Total</b>	<b>94 314</b>	<b>70 668</b>	<b>843</b>	<b>331</b>	<b>22 472</b>	<b>18 920</b>	<b>3 014</b>	<b>404</b>	<b>135</b>
<b>Persons</b>									
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	488	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	185	198	18	-	-
Median	2.3	2.3	1.9	3.1	2.4	2.4	2.1	2.2	1.5
<b>Number of Single Children Under 18 Years Old</b>									
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	384	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
<b>Persons 65 Years Old and Over</b>									
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	-
<b>Age of Householder</b>									
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	10 588	7 007	152	28	3 361	2 682	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	26	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
<b>Household Composition by Age of Householder</b>									
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	1 777	177	19	6
35 to 44 years	12 916	8 779	62	68	4 027	3 658	316	51	2
45 to 64 years	17 426	13 795	49	62	3 501	3 107	356	31	6
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	8	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
<b>Adults and Single Children Under 18 Years Old</b>									
Total households with children	35 032	24 856	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	7	9	885	773	97	14	-
Two or more under 6, one or more 6 to 17	1 323	956	2	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	6	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	-	78	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—					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
<b>Own Never Married Children Under 18 Years Old</b>										
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	
<b>Persons Other Than Spouse or Children<sup>1</sup></b>										
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	—	
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	
<b>Years of School Completed by Householder</b>										
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	13.6	13.1	14.0	12.3	12.6	12.8	
<b>Year Householder Moved into Unit</b>										
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	6 147	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	
<b>Household Moves and Formation in Last Year</b>										
Total with a move in last year .....	18 658	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	—	—	—	

<sup>1</sup>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--				
			Conversion	Merger	Total	New construction	Other sources.		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>94 314</b>	<b>70 668</b>	<b>843</b>	<b>331</b>	<b>22 472</b>	<b>18 920</b>	<b>3 014</b>	<b>404</b>	<b>135</b>
<b>Household Income</b>									
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	5 781	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	4 869	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	18	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
<b>As percent of poverty level:</b>									
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
<b>Income of Families and Primary Individuals</b>									
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	28	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 .....	7 832	6 174	86	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 .....	2 188	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
<b>Income Sources of Families and Primary Individuals</b>									
Wages and salaries .....	68 088	49 398	629	261	17 799	15 345	2 113	284	57
Wages and salaries were majority of income 2 or more people each earned over 20% of wages and salaries .....	60 738	43 629	559	236	16 315	14 107	1 893	261	55
Business, farm, or ranch .....	23 363	16 670	121	113	6 459	5 798	555	96	11
Social security or pensions .....	11 444	8 475	88	52	2 829	2 476	272	82	6
Interest .....	29 355	24 166	173	91	4 924	3 906	672	89	58
Stock dividend(s) .....	43 064	32 804	266	133	9 851	9 085	652	85	39
Rental income .....	16 881	12 403	81	48	4 349	4 127	164	51	6
Rental income With lodger(s) .....	11 224	8 340	200	64	2 820	2 308	213	58	40
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
<b>Amount of Savings and Investments</b>									
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
<b>Food Stamps</b>									
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	58	7	10
<b>Rent Reductions</b>									
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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>94 314</b>	<b>70 668</b>	<b>643</b>	<b>331</b>	<b>22 472</b>	<b>18 920</b>	<b>3 014</b>	<b>404</b>	<b>135</b>
<b>Monthly Housing Costs</b>									
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	338	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	7
\$400 to \$449 .....	5 158	4 014	68	29	1 048	806	219	22	6
\$450 to \$499 .....	5 058	3 904	59	13	1 082	892	166	23	9
\$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	18	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	2
\$1,250 to \$1,499 .....	3 045	1 917	19	15	1 094	1 083	6	4	3
\$1,500 or more .....	4 194	2 481	22	18	1 693	1 673	12	5	4
No cash rent .....	2 247	1 757	42	6	442	262	138	16	3
Mortgage payment not reported .....	5 486	3 932	23	25	1 506	1 412	75	23	19
Median (excludes no cash rent) .....	496	470	468	609	593	674	262	329	383
<b>Median Monthly Housing Costs For Owners</b>									
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	...
<b>Monthly Housing Costs as Percent of Current Income</b>									
Less than 5 percent .....	2 412	1 830	9	9	564	401	148	16	..
5 to 9 percent .....	9 241	7 401	30	29	1 790	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	1 082	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	2
70 to 99 percent .....	2 810	2 181	40	5	584	431	99	29	25
100 percent or more <sup>1</sup> .....	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	28	21	22	22	19	24	32
Median (excludes 4 lines before medians) .....	21	21	28	21	22	22	19	24	32
<b>Nonrelatives' Shared Housing Costs</b>									
Nonrelatives in housing units .....	4 136	2 904	70	24	1 138	834	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	..	..
<b>Monthly Cost Paid for Electricity</b>									
Electricity used .....	94 281	70 642	643	331	22 464	18 912	3 014	404	135
Less than \$25 .....	6 789	5 615	70	15	1 069	875	163	29	3
\$25 to \$49 .....	24 280	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	7
\$75 to \$99 .....	13 907	9 908	99	54	3 848	3 350	441	44	11
\$100 to \$149 .....	11 617	7 960	29	44	3 584	3 167	377	39	12
\$150 to \$199 .....	3 998	2 747	14	10	1 228	1 095	108	25	2
\$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
<b>Monthly Cost Paid for Piped Gas</b>									
Piped gas used .....	58 576	47 913	612	250	9 801	8 582	952	191	76
Less than \$25 .....	13 134	10 139	119	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	428	2	8	28	27	1	..	..
\$200 or more .....	370	314	2	5	49	47	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—					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
<b>Average Monthly Cost Paid for Fuel Oil</b>										
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 .....	2 824	2 594	35	8	287	237	45	5	—	
\$75 to \$99 .....	1 822	1 454	12	10	147	136	7	3	—	
\$100 to \$149 .....	1 341	1 217	9	7	101	88	5	8	—	
\$150 to \$199 .....	359	333	—	6	24	19	—	—	1	4
\$200 or more .....	242	212	—	6	19	15	—	—	—	—
Median .....	61	62	61	95	55	59	38	59	48	11
Included in rent, other fee, or obtained free .....	3 050	2 691	102	10	247	169	19	—	—	—
<b>Property Insurance</b>										
Property insurance paid .....	67 325	50 544	297	241	16 244	14 568	1 478	170	27	
Median per month .....	30	29	28	38	30	31	20	30	—	—
<b>Monthly Costs Paid for Selected Utilities and Fuels</b>										
Water paid separately .....	47 622	37 048	234	182	10 158	9 074	966	105	12	
Median .....	23	23	24	28	24	24	19	21	7	
Trash paid separately .....	35 725	27 076	187	99	8 363	7 371	908	77	—	
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	48	44	83	5	
Other fuel paid separately .....	11 768	8 216	80	31	3 481	2 713	711	32	—	
Median .....	12	13	10	—	10	10	21	—	—	
<b>OWNER OCCUPIED UNITS</b>										
Total .....	62 644	46 790	205	222	15 427	13 158	2 115	141	15	
<b>Cost and Ownership Sharing</b>										
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	1 448	5	4	389	271	114	4	—	
Cost sharing not reported .....	5	2	—	—	2	2	—	—	7	
Ownership not shared .....	59 653	44 527	188	213	14 724	12 626	1 967	124	—	
Costs shared by person not living here .....	269	224	—	1	44	42	2	—	7	
Costs not shared .....	59 254	44 203	188	213	14 650	12 554	1 965	124	—	
Cost sharing not reported .....	129	99	—	—	30	30	—	—	8	
Ownership sharing not reported .....	765	545	12	2	206	178	16	5	—	
<b>Monthly Payment for Principal and Interest</b>										
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	418	78	—	—	
\$250 to \$299 .....	2 232	1 742	4	6	479	399	77	3	—	
\$300 to \$349 .....	2 148	1 687	5	10	448	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	786	755	5	6	—	
\$800 to \$999 .....	2 832	1 673	7	6	1 145	1 145	11	3	—	
\$1,000 to \$1,249 .....	2 056	1 196	14	11	636	635	—	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 .....	5 488	3 832	23	25	1 506	1 412	75	16	3	
Median .....	493	450	589	476	610	635	238	494	—	
<b>Average Monthly Cost Paid for Real Estate Taxes</b>										
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	88	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	28	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	—	
<b>Annual Taxes Paid Per \$1,000 Value</b>										
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	38	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	—	
<b>Routine Maintenance in Last Year</b>										
Less than \$25 per month .....	40 995	29 805	104	98	10 989	9 138	1 749	95	7	
\$25 to \$49 .....	10 658	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
<b>OWNER OCCUPIED UNITS—Con.</b>									
<b>Condominium and Cooperative Fee</b>									
Fee paid by owners .....	2 499	1 428	—	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	—	—	—
<b>Other Housing Costs Per Month</b>									
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--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	62 644	46 790	205	222	15 427	13 156	2 115	141	15
<b>Tenure</b>									
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 .....	...	...	...	...	...	...	...	...	...
<b>Race and Origin</b>									
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	850	514	130	7	-
Black .....	4 627	3 750	9	27	841	689	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	-
<b>Units in Structure</b>									
1, detached .....	51 473	41 577	-	168	9 728	9 456	144	121	7
1, attached .....	2 620	1 789	-	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	-	-
<b>Cooperatives and Condominiums</b>									
Cooperatives .....	406	357	-	3	46	28	18	-	-
Condominiums .....	2 537	1 413	2	7	1 116	1 115	-	-	-
<b>Year Structure Built<sup>1</sup></b>									
1990 to 1994 .....	3 728	-	-	-	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	-	8	11	-
1920 to 1929 .....	2 859	2 831	3	4	21	-	5	16	-
1910 to 1919 .....	5 133	5 097	5	9	22	-	5	14	3
1910 or earlier .....	1 964	1 958	1944	1939	1984	1985	1973	1966	...
<b>Metropolitan/Nonmetropolitan Areas</b>									
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
<b>Regions</b>									
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	5 983	1 241	72	5
West .....	11 923	8 428	39	29	3 428	2 965	452	11	-
<b>Urbanized Areas</b>									
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
<b>Place Size<sup>2</sup></b>									
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	-

<sup>1</sup>For mobile home, oldest category is 1939 or earlier.  
<sup>2</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>62 644</b>	<b>46 790</b>	<b>205</b>	<b>222</b>	<b>15 427</b>	<b>13 156</b>	<b>2 115</b>	<b>141</b>	<b>15</b>
<b>Stories in Structure</b>									
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	-	-	-	-	-	-
<b>Stories Between Main and Apartment Entrances</b>									
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	-	-	-
<b>Common Stairways</b>									
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 .....	1 893	1 508	46	22	418	406	-	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	-	-	-
<b>Light Fixtures in Public Halls</b>									
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	-	-	-
<b>Elevator on Floor</b>									
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	1 558	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	-	-	-
<b>Foundation</b>									
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	-	-	-
<b>External Building Conditions<sup>1</sup></b>									
Sagging roof .....	9	4	5	-	-	-	-	-	-
Missing roofing material .....	26	25	-	-	-	-	-	-	-
Hole in roof .....	3	-	-	1	-	-	-	-	-
Could not see roof .....	410	355	7	1	2	2	-	-	-
Missing bricks, siding, other outside wall material .....	33	30	2	9	39	38	-	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	-	-	-
<b>Site Placement</b>									
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	66	269	-	-
Not reported .....	114	16	-	-	97	41	56	-	-
<b>Previous Occupancy</b>									
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	-	-

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>62 644</b>	<b>46 790</b>	<b>205</b>	<b>222</b>	<b>15 427</b>	<b>13 156</b>	<b>2 115</b>	<b>141</b>	<b>15</b>
<b>Rooms</b>									
1 room .....	20	19	-	-	1	-	-	-	1
2 rooms .....	67	51	-	-	17	14	3	-	4
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 .....	11 718	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	...
<b>Bedrooms</b>									
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	...
<b>Complete Bathrooms</b>									
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	1 268	330	7	-
2 or more .....	30 341	19 137	44	154	11 006	10 298	621	81	6
<b>Square Footage of Unit</b>									
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 .....	1 798	1 619	...	2 102	1 708	1 883	885	1 488	...
<b>Lot Size</b>									
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 .....	2 869	2 090	-	4	795	601	177	17	-
Don't know .....	7 963	5 655	-	28	2 281	1 808	465	8	1
Not reported .....	4 328	3 238	-	14	1 078	980	97	-	-
Median .....	.41	.37	...	.21	.63	.57	1.41	2.42	...
<b>Persons Per Room</b>									
0.50 or less .....	45 460	34 711	165	148	10 438	8 925	1 409	93	12
0.51 to 1.00 .....	16 266	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	-	-
<b>Square Feet Per Person</b>									
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	158	221	-	1
200 to 299 .....	3 107	2 111	-	5	992	697	283	12	-
300 to 399 .....	4 992	3 547	-	11	1 434	1 128	292	14	2
400 to 499 .....	5 689	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	...	787	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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	62 644	46 790	205	222	15 427	13 156	2 115	141	15
<b>Equipment<sup>1</sup></b>									
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	46 803	203	220	15 373	13 109	2 108	141	15
Refrigerator .....	62 572	46 739	205	222	15 408	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	4	-	-	-
Age not reported .....	13	9	-	-	4	-	-	-	-
Oven only .....	47	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	188	13	6
Age not reported .....	334	246	2	-	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	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	18 548	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	-	-
<b>Main Heating Equipment</b>									
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	18	725	634	64	27	-
Floor, wall, or other built-in hot air units without ducts .....	2 098	1 937	10	5	148	76	69	5	-
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	2	600	367	222	12	-
Fireplaces with inserts .....	508	387	2	1	111	7	7	9	-
Fireplaces without inserts .....	187	139	2	1	44	42	2	-	-
Other .....	822	636	-	2	184	136	35	13	-
None .....	372	278	2	3	92	68	24	-	-
<b>Other Heating Equipment</b>									
With other heating equipment <sup>1</sup> .....	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	188	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	-
Fireplaces with no inserts .....	7 263	4 903	24	18	2 317	2 295	22	4	4
Other .....	655	488	-	1	166	147	20	-	-
<b>Plumbing</b>									
With all plumbing facilities .....	61 810	46 151	203	218	15 238	12 995	2 091	138	15
Lacking some plumbing facilities <sup>1</sup> .....	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	-	-
<b>Source of Water</b>									
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	-
Not reported .....	403	304	-	-	100	74	21	5	-
Other .....	1 049	749	9	3	288	211	74	3	-
<b>Means of Sewage Disposal</b>									
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	-	-

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>62 644</b>	<b>46 790</b>	<b>205</b>	<b>222</b>	<b>15 427</b>	<b>13 156</b>	<b>2 115</b>	<b>141</b>	<b>15</b>
<b>Main House Heating Fuel</b>									
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
<b>Other House Heating Fuels</b>									
With other heating fuels <sup>1</sup> .....	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	-	-	-	-
Other .....	282	200	-	-	82	59	23	-	-
Not reported .....	401	286	2	-	113	108	5	-	-
<b>Cooking Fuel</b>									
With cooking fuel .....	62 578	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	-	-
<b>Water Heating Fuel</b>									
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	2	114	84	25	3	2
Coal or coke .....	40	36	-	-	5	5	-	-	-
Wood .....	37	25	-	-	7	7	4	-	-
Solar energy .....	230	179	-	1	49	46	3	-	-
Other .....	149	99	-	2	47	33	15	-	-
<b>Central Air Conditioning Fuel</b>									
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	9 068	661	45	10
Piped gas .....	2 226	1 779	2	3	441	427	11	3	-
Other .....	284	189	-	-	95	85	6	4	-
<b>Clothes Dryer Fuel</b>									
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	-
<b>Units Using Each Fuel<sup>1</sup></b>									
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

<sup>1</sup>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—			
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>62 644</b>	<b>46 790</b>	<b>205</b>	<b>222</b>	<b>15 427</b>	<b>13 156</b>	<b>2 115</b>	<b>141</b>	<b>15</b>
<b>Water Supply Stoppage</b>									
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
<b>Flush Toilet Breakdowns</b>									
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	-	-
<b>Sewage Disposal Breakdowns</b>									
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	4	41	34	7	-	-
1 time lasting 6 hours or more .....	400	338	-	3	59	48	11	-	-
2 times .....	67	64	-	1	2	2	4	-	-
3 times .....	25	21	-	-	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	6	-
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	-	-	-	-	-	-	-
<b>Heating Problems</b>									
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 .....	58 743	42 848	181	199	13 516	11 547	1 825	129	15
Uncomfortably cold for 24 hours or more last winter <sup>1</sup> .....	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	6	-	-
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	-	-
<b>Electric Fuses and Circuit Breakers</b>									
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	3	121	97	19	6	-
Problem not reported or don't know .....	519	368	5	1	145	126	19	1	-

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b>	<b>62 644</b>	<b>46 790</b>	<b>205</b>	<b>222</b>	<b>15 427</b>	<b>13 156</b>	<b>2 115</b>	<b>141</b>	<b>15</b>
<b>Selected Amenities<sup>1</sup></b>									
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	1 860	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	—	—
<b>Cars and Trucks Available<sup>1</sup></b>									
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	620	189	12	—
1 car with or without trucks or vans	30 177	22 499	105	105	7 467	6 062	1 310	65	11
2 cars	20 171	14 735	46	61	5 326	4 821	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	6 561	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	—
<b>Selected Deficiencies<sup>1</sup></b>									
Signs of rats in last 3 months	1 075	613	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
<b>Water Leakage During Last 12 Months</b>									
No leakage from inside structure	56 751	42 301	177	194	14 079	12 065	1 871	131	11
With leakage from inside structure <sup>1</sup>	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 <sup>1</sup>	12 265	9 824	44	71	2 326	1 854	422	45	4
Roof	4 839	3 712	11	24	1 093	782	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	—	—	—
<b>Overall Opinion of Structure</b>									
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	—	—	38	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	18 066	77	71	7 621	6 896	639	74	12
Not reported	403	311	3	2	87	62	25	—	—
<b>Selected Physical Problems</b>									
Severe physical problems <sup>1</sup>	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 <sup>1</sup>	2 031	1 637	9	11	374	180	165	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	—

<sup>1</sup>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--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>62 644</b>	<b>46 790</b>	<b>205</b>	<b>222</b>	<b>15 427</b>	<b>13 158</b>	<b>2 115</b>	<b>141</b>	<b>15</b>
<b>Overall Opinion of Neighborhood</b>									
1 (worst) .....	456	366	7	4	78	58	22	-	-
2 .....	349	258	7	1	86	64	16	1	4
3 .....	530	429	2	4	95	54	38	3	-
4 .....	771	626	2	8	136	89	34	3	-
5 .....	3 611	2 946	13	17	635	483	147	5	-
6 .....	2 608	2 123	12	13	460	392	84	4	-
7 .....	8 045	4 763	21	33	1 227	1 035	184	4	4
8 .....	13 973	10 784	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	-	228	148	75	5	-
Not reported .....	460	351	3	1	105	75	30	-	-
<b>Neighborhood Conditions</b>									
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 <sup>1</sup> .....	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	18	-	-
Presence of problems not reported .....	119	88	-	1	31	31	-	-	-
<b>Description of Area Within 300 Feet<sup>1</sup></b>									
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	68	-	-	-
Other .....	150	114	7	3	25	25	-	-	-
Not observed or not reported .....	257	143	35	3	77	77	-	-	-
<b>Age of Other Residential Buildings Within 300 Feet</b>									
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	-	-	-
<b>Mobile Homes In Group</b>									
Mobile homes .....	4 922	961	-	2	3 959	1 988	1 971	-	-
1 to 6 .....	3 087	400	-	1	2 688	1 336	1 350	-	-
7 to 20 .....	277	49	-	-	228	123	108	-	-
21 or more .....	1 555	513	-	1	1 042	529	512	-	-
Not reported .....	3	-	-	-	3	-	3	-	-
<b>Other Buildings Vandalized or With Interior Exposed</b>									
None .....	2 982	2 194	148	30	611	583	-	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	-	-	-
<b>Bars on Windows of Buildings</b>									
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	-	-	-
<b>Condition of Streets</b>									
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	-	-	-
<b>Trash, Litter, or Junk on Streets or any Properties</b>									
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	1	3	3	-	-	-
Not reported .....	257	145	35	3	74	74	-	-	-

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Population in housing units</b>	<b>169 596</b>	<b>123 850</b>	<b>451</b>	<b>762</b>	<b>44 533</b>	<b>38 927</b>	<b>5 176</b>	<b>400</b>	<b>30</b>
Total	62 644	46 790	205	222	15 427	13 156	2 115	141	15
<b>Persons</b>									
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	270	25	4
4 persons	10 671	7 370	7	46	3 248	2 348	288	46	2
5 persons	4 517	3 148	12	23	1 334	1 187	128	8	—
6 persons	1 493	1 072	2	14	406	339	68	—	—
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	—
<b>Number of Single Children Under 18 Years Old</b>									
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	1 018	131	6	—
4	878	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	—
<b>Persons 65 Years Old and Over</b>									
None	44 110	30 897	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	675	165	13	—
<b>Age of Householder</b>									
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	—
45 to 54	12 265	9 273	38	48	2 806	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	7 060	6 135	24	24	897	607	269	21	—
Median	51	54	58	48	43	43	49	43	—
<b>Household Composition by Age of Householder</b>									
2-or-more person households	50 787	37 200	158	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	4 191	2 402	—	1	210	153	52	5	—
25 to 29 years	2 004	1 047	5	—	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	58	3 581	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	668	595	65	6	—
45 to 64 years	1 340	872	9	11	349	279	69	—	—
65 years and over	1 749	637	7	5	100	90	10	—	—
Other female householder	8 191	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	18	12	932	694	222	12	5
Under 45 years	1 554	1 073	7	6	466	359	94	9	5
45 to 64 years	1 199	817	2	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	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
<b>Adults and Single Children Under 18 Years Old</b>									
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	3 128	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	22 378	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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Own Never Married Children Under 18 Years Old</b>									
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 .....	4 168	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	81	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	-
<b>Persons Other Than Spouse or Children<sup>1</sup></b>									
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	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	86	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 .....	-	-	-	-	-	91	10	-	-
Unrelated children, under 18 years old .....	481	384	-	5	91	62	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	-	-
<b>Years of School Completed by Householder</b>									
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	1 168	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	-
<b>Year Householder Moved into Unit</b>									
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 .....	4 328	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	-
<b>Household Moves and Formation in Last Year</b>									
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 .....	428	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	-	-	-

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>62 844</b>	<b>46 790</b>	<b>205</b>	<b>222</b>	<b>15 427</b>	<b>13 156</b>	<b>2 115</b>	<b>141</b>	<b>15</b>
<b>Household Income</b>									
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	381	18	1
\$10,000 to \$14,999 .....	4 748	3 899	28	7	906	539	352	6	8
\$15,000 to \$19,999 .....	4 234	3 253	16	12	851	638	303	11	-
\$20,000 to \$24,999 .....	4 484	3 480	9	13	992	723	243	26	-
\$25,000 to \$29,999 .....	5 755	4 518	26	13	1 196	988	204	4	-
\$30,000 to \$34,999 .....	4 163	3 147	7	7	893	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	17	23	2 159	2 067	50	12	-
\$80,000 to \$99,999 .....	3 640	2 537	9	20	1 073	1 067	3	3	-
\$100,000 to \$119,999 .....	2 060	1 400	12	7	861	839	9	13	-
\$120,000 or more .....	3 016	2 009	6	18	981	970	11	-	-
Median .....	36 718	34 826	36 123	45 031	42 562	47 907	18 185	29 451	...
<b>As percent of poverty level:</b>									
Less than 50 percent .....	2 239	1 724	2	5	508	351	151	6	-
50 to 99 .....	3 321	2 589	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
<b>Income of Families and Primary Individuals</b>									
Less than \$5,000 .....	2 475	1 934	9	9	523	381	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	8	8	854	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	18	-
\$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	1 894	1 587	96	6	6
\$50,000 to \$59,999 .....	5 832	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	48 890	17 784	29 451	...
<b>Income Sources of Families and Primary Individuals</b>									
Wages and salaries .....	44 770	32 066	148	179	12 377	10 848	1 410	105	14
Wages and salaries were majority of income 2 or more people each earned over 20% of wages and salaries .....	39 307	27 797	118	157	11 235	9 905	1 230	86	14
Business, farm, or ranch .....	17 615	12 316	29	84	5 187	4 756	384	43	4
Social security or pensions .....	9 594	7 123	53	40	2 377	2 088	225	64	-
Interest .....	22 984	19 211	72	68	3 635	2 831	763	40	1
Stock dividend(s) .....	35 171	27 005	113	110	7 942	7 318	573	44	7
Rental income .....	14 605	10 859	45	46	3 658	3 468	151	33	4
With lodger(s) .....	7 612	5 763	138	53	1 658	1 519	113	26	-
Welfare or SSI .....	1 563	1 172	4	5	381	211	184	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
<b>Amount of Savings and Investments</b>									
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	-
<b>Food Stamps</b>									
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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>62 644</b>	<b>46 790</b>	<b>205</b>	<b>222</b>	<b>15 427</b>	<b>13 156</b>	<b>2 115</b>	<b>141</b>	<b>15</b>
<b>Monthly Housing Costs</b>									
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	128	-	-
\$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	-
\$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	1 506	777	222	312	3
<b>Median Monthly Housing Costs For Owners</b>									
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-	...
<b>Monthly Housing Costs as Percent of Current Income</b>									
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 <sup>1</sup> .....	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	28	19	20	21	17	16	3
Median (excludes 4 lines before medians) .....	18	18	24	18	20	20	17	15	...
<b>Nonrelatives' Shared Housing Costs</b>									
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	...	...
<b>Monthly Cost Paid for Electricity</b>									
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	-	-
<b>Monthly Cost Paid for Piped Gas</b>									
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	8	-
Included in rent, other fee, or obtained free .....	3 386	2 761	29	21	574	508	58	-	-

**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—					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
<b>Average Monthly Cost Paid for Fuel Oil</b>										
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	281	—	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	—	—	—
<b>Property Insurance</b>										
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	—	—
<b>Monthly Costs Paid for Selected Utilities and Fuels</b>										
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	3 853	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	—	—	—
<b>Cost and Ownership Sharing</b>										
Ownership shared by person not living here .....	2 226	1 718	5	8	497	352	132	12	—	—
Costs shared by person not living here .....	377	270	—	2	105	79	18	8	—	—
Costs not shared .....	1 844	1 448	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	—
<b>Monthly Payment for Principal and Interest</b>										
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 .....	2 058	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	—	—
<b>Average Monthly Cost Paid for Real Estate Taxes</b>										
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	1 648	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	—	—
<b>Annual Taxes Paid Per \$1,000 Value</b>										
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	6 181	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	—	—
<b>Routine Maintenance in Last Year</b>										
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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Condominium and Cooperative Fee</b>									
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	--	--	--
<b>Other Housing Costs Per Month</b>									
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	--	--	65	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--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>62 644</b>	<b>46 790</b>	<b>205</b>	<b>222</b>	<b>15 427</b>	<b>13 156</b>	<b>2 115</b>	<b>141</b>	<b>15</b>
<b>Value</b>									
Less than \$10,000 .....	2 132	758	2	4	1 389	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	86	10	3
\$40,000 to \$49,999 .....	4 294	3 761	18	11	506	408	75	22	-
\$50,000 to \$59,999 .....	4 187	4 294	12	18	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 \$89,999 .....	8 140	6 288	24	32	1 796	1 738	33	25	5
\$90,000 to \$99,999 .....	6 016	3 861	10	13	1 371	1 343	8	15	2
\$100,000 to \$119,999 .....	6 016	4 323	21	31	1 642	1 633	3	4	4
\$120,000 to \$149,999 .....	3 014	4 533	12	23	1 793	1 768	15	6	4
\$150,000 to \$199,999 .....	3 014	2 130	17	19	849	844	-	4	-
\$200,000 to \$249,999 .....	1 739	1 187	7	8	539	528	11	-	-
\$250,000 to \$299,999 .....	3 104	2 121	18	16	949	928	7	14	-
\$300,000 or more .....	85 671	83 333	85 415	98 112	93 640	106 956	11 169	76 690	-
<b>Median</b> .....									
<b>Value-Income Ratio</b>									
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	-
<b>Median</b> .....	<b>2.3</b>	<b>2.4</b>	<b>3.0</b>	<b>2.2</b>	<b>2.0</b>	<b>2.2</b>	<b>1.5</b>	<b>2.6</b>	<b>-</b>
<b>Other Activities on Property<sup>1</sup></b>									
Commercial establishment .....	983	764	10	3	206	140	48	14	4
Medical or dental office .....	189	150	-	3	16	16	-	-	-
Neither .....	61 558	45 938	195	216	15 209	13 004	2 067	127	11
<b>Year Unit Acquired</b>									
1990 to 1994 .....	14 203	7 458	21	43	6 681	6 090	565	27	-
1985 to 1989 .....	13 957	8 257	30	43	5 628	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 .....	8 960	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
<b>Median</b> .....	<b>1978</b>	<b>1976</b>	<b>1971</b>	<b>1976</b>	<b>1986</b>	<b>1986</b>	<b>1983</b>	<b>1979</b>	<b>-</b>
<b>First Time Owners</b>									
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
<b>Purchase Price</b>									
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	28	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 \$89,999 .....	4 248	2 507	15	12	1 714	1 701	7	6	-
\$90,000 to \$99,999 .....	2 406	1 283	4	3	1 116	1 114	2	-	-
\$100,000 to \$119,999 .....	2 657	1 435	8	15	1 200	1 195	4	-	-
\$120,000 to \$149,999 .....	2 466	1 220	10	9	1 228	1 220	4	3	-
\$150,000 to \$199,999 .....	1 042	495	3	1	544	543	-	1	-
\$200,000 to \$249,999 .....	594	293	4	1	296	295	-	1	-
\$250,000 to \$299,999 .....	969	453	3	5	508	501	7	-	-
\$300,000 or more .....	6 257	4 816	23	23	1 394	1 152	218	20	4
<b>Median</b> .....	<b>43 898</b>	<b>37 249</b>	<b>41 163</b>	<b>47 548</b>	<b>77 095</b>	<b>87 562</b>	<b>10000-</b>	<b>45 948</b>	<b>-</b>
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
<b>Major Source of Down Payment</b>									
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	-

<sup>1</sup>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--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>62 644</b>	<b>46 790</b>	<b>205</b>	<b>222</b>	<b>15 427</b>	<b>13 156</b>	<b>2 115</b>	<b>141</b>	<b>15</b>
<b>Mortgages Currently on Property</b>									
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	-	-	-	-
Number of mortgages not reported .....	827	590	7	3	228	200	20	5	3
<b>OWNERS WITH ONE OR MORE MORTGAGES</b>									
<b>Total</b> .....	<b>37 413</b>	<b>26 310</b>	<b>125</b>	<b>158</b>	<b>10 819</b>	<b>10 138</b>	<b>613</b>	<b>58</b>	<b>10</b>
<b>Type of Primary Mortgage</b>									
FHA .....	5 374	3 908	7	17	1 442	1 431	8	3	-
VA .....	2 588	1 855	5	12	617	604	13	-	-
Farmers Home Administration .....	423	303	5	-	118	116	-	-	-
Other types .....	26 899	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
<b>Lower Cost State and Local Mortgages</b>									
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
<b>Mortgage Origination</b>									
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	48	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
<b>Payment Plan of Primary Mortgage</b>									
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	62	8	1	-
Other .....	567	415	1	3	149	145	4	3	-
Combination of the above .....	275	201	-	-	74	71	3	-	-
Not reported .....	3 855	2 814	23	16	1 001	819	169	11	3
<b>Payment Plan of Secondary Mortgage</b>									
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	-	-
<b>Lenders of Primary and Secondary Mortgages</b>									
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
<b>Items Included in Primary Mortgage Payment<sup>1</sup></b>									
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	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
<b>Year Primary Mortgage Originated</b>									
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	38	7	3
<b>Median</b> .....	<b>1985</b>	<b>1982</b>	<b>1980</b>	<b>1982</b>	<b>1986</b>	<b>1987</b>	<b>1986</b>	<b>1986</b>	<b>1986</b>

**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
<b>OWNERS WITH ONE OR MORE MORTGAGES—Con.</b>									
<b>Term of Primary Mortgage at Origination or Assumption</b>									
Less than 8 years .....	781	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	428	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	-
<b>Remaining Years Mortgaged</b>									
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	18	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	-
<b>Current Interest Rate</b>									
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	5 294	17	33	2 484	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	-
<b>Total Outstanding Principal Amount</b>									
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 .....	1 682	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	483	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 \$89,999 .....	1 509	880	-	8	821	820	2	-	-
\$90,000 to \$99,999 .....	873	407	3	3	461	461	-	-	-
\$100,000 to \$119,999 .....	796	372	-	3	421	420	-	1	-
\$120,000 to \$149,999 .....	587	281	-	1	306	302	3	1	-
\$150,000 to \$199,999 .....	220	103	-	1	116	116	-	-	-
\$200,000 to \$249,999 .....	91	36	-	-	54	54	-	-	-
\$250,000 to \$299,999 .....	125	62	1	1	61	61	-	-	-
\$300,000 or more .....	20 618	15 142	85	85	5 306	4 829	430	40	7
Not reported .....	47 546	38 357	26 789	29 450	68 494	70 084	10000-	49 913	-
Median .....									
<b>Current Total Loan as Percent of Value</b>									
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	978	928	44	4	-
60 to 79 .....	4 375	2 648	2	18	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	388	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	-

\*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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>62 644</b>	<b>46 790</b>	<b>205</b>	<b>222</b>	<b>15 427</b>	<b>13 156</b>	<b>2 115</b>	<b>141</b>	<b>15</b>
<b>Repairs, Improvements, Alterations In Last 2 Years</b>									
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	1 784	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 .....	968	768	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	5 388	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	8	101	88	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	117	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 .....	3 826	3 474	12	22	418	337	75	6	-
Workers not reported .....	133	133	-	-	-	-	-	-	-
Costing \$500 or more .....	3 068	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	4 187	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	82	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 <sup>1</sup> .....	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	268	5	1	89	73	16	-	-
Other major work not reported .....	749	546	12	1	190	159	19	5	8
<b>Government Subsidy for Repairs</b>									
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	23 858	98	138	5 164	4 303	803	58	-
Not reported .....	668	498	2	4	164	136	28	-	-

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	31 670	23 878	638	109	7 045	5 764	899	262	120
<b>Tenure</b>									
Owner occupied .....	...	...	...	...	...	...	...	...	...
Percent of all occupied .....	...	...	...	...	...	...	...	...	...
Renter occupied .....	31 670	23 878	638	109	7 045	5 764	899	262	120
<b>Race and Origin</b>									
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
<b>Units in Structure</b>									
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	-	-
<b>Cooperatives and Condominiums</b>									
Cooperatives .....	300	267	1	-	32	32	-	-	-
Condominiums .....	1 028	588	1	-	439	437	-	3	-
<b>Year Structure Built<sup>1</sup></b>									
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
<b>Metropolitan/Nonmetropolitan Areas</b>									
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
<b>Regions</b>									
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
<b>Urbanized Areas</b>									
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	758	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
<b>Place Size<sup>2</sup></b>									
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	2 841	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	-
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

<sup>1</sup>For mobile home, oldest category is 1939 or earlier.  
<sup>2</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>31 670</b>	<b>23 878</b>	<b>638</b>	<b>109</b>	<b>7 045</b>	<b>5 764</b>	<b>899</b>	<b>262</b>	<b>120</b>
<b>Stories in Structure</b>									
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	258	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	—	—	—	—	—	—
<b>Stories Between Main and Apartment Entrances</b>									
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	1 808	1 582	7	31	8
1 (up or down) .....	5 296	3 973	186	14	1 123	1 060	7	7	28
2 or more (up or down) .....	4 972	3 891	78	18	888	884	4	73	20
Not reported .....	1 107	779	37	3	288	264	—	3	20
<b>Common Stairways</b>									
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	41	—	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	14	—	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
<b>Light Fixtures in Public Halls</b>									
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
<b>Elevator on Floor</b>									
Multiunits, 2 or more floors .....	17 648	13 060	535	50	4 003	3 774	17	135	76
With 1 or more elevators working .....	2 829	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	2 938	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
<b>Foundation</b>									
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 .....	3 378	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
<b>External Building Conditions<sup>1</sup></b>									
Sagging roof .....	74	69	4	1	—	—	—	—	—
Missing roofing material .....	116	99	6	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 .....	328	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
<b>Site Placement</b>									
Mobile homes .....	1 305	188	—	—	1 119	241	878	—	—
First site .....	381	72	—	—	290	106	183	—	—
Moved from another site .....	328	28	—	—	298	44	254	—	—
Don't know .....	555	77	—	—	478	80	398	—	—
Not reported .....	69	10	—	—	53	10	43	—	—
<b>Previous Occupancy</b>									
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

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>31 670</b>	<b>23 878</b>	<b>638</b>	<b>109</b>	<b>7 045</b>	<b>5 764</b>	<b>899</b>	<b>262</b>	<b>120</b>
<b>Rooms</b>									
1 room .....	510	358	45	3	105	42	-	28	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	18	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
<b>Bedrooms</b>									
None .....	978	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
<b>Complete Bathrooms</b>									
None .....	273	204	34	-	35	9	6	11	9
1 .....	22 804	18 191	566	58	3 988	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
<b>Square Footage of Unit</b>									
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 .....	2 648	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 .....	738	670	-	5	60	55	2	3	-
2,500 to 2,999 .....	381	338	-	2	43	43	-	-	-
3,000 to 3,999 .....	254	237	-	2	15	15	-	-	-
4,000 or more .....	178	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	-
<b>Lot Size</b>									
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	187	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	-	28	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	-
<b>Persons Per Room</b>									
0.50 or less .....	19 105	14 078	346	49	4 631	3 922	521	119	68
0.51 to 1.00 .....	11 060	8 558	260	53	2 191	1 687	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	38	-	4	29
<b>Square Feet Per Person</b>									
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 .....	488	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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b>	<b>31 670</b>	<b>23 876</b>	<b>638</b>	<b>109</b>	<b>7 045</b>	<b>5 764</b>	<b>899</b>	<b>262</b>	<b>120</b>
<b>Equipment<sup>1</sup></b>									
Lacking complete kitchen facilities	543	421	29	-	93	35	6	10	42
With complete kitchen (sink, refrigerator and burners)	31 128	23 457	809	109	6 952	5 729	893	253	78
Kitchen Sink	31 387	23 674	814	109	6 990	5 752	899	259	79
Refrigerator	31 467	23 738	819	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	816	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	78	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	4 065	2 336	22	10	1 687	1 662	18	14	2
Age not reported	1 121	704	2	3	412	399	8	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	-	-
<b>Main Heating Equipment</b>									
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	805	535	17	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	10	-	-	-
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
<b>Other Heating Equipment</b>									
With other heating equipment <sup>1</sup>	4 956	3 623	112	20	1 200	981	174	45	-
Warm-air furnace	218	159	2	2	55	10	-	-	-
Steam or hot water system	46	42	-	-	3	-	-	1	-
Electric heat pump	26	15	1	-	11	2	-	-	-
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	-	-	-
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	416	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	-
<b>Plumbing</b>									
With all plumbing facilities	31 190	23 525	591	109	6 965	5 717	893	249	106
Lacking some plumbing facilities <sup>1</sup>	119	85	25	-	9	4	-	4	-
No hot piped water	16	10	-	-	8	2	-	4	-
No bathtub nor shower	105	74	25	-	7	2	-	4	-
No flush toilet	71	52	20	-	-	-	-	4	-
No plumbing facilities for exclusive use	361	267	22	1	71	43	6	9	13
<b>Source of Water</b>									
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	184	131	2	-	31	5	23	3	-
Other	668	488	16	1	163	126	31	5	1
<b>Means of Sewage Disposal</b>									
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	-	-

<sup>1</sup>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--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>31 870</b>	<b>23 878</b>	<b>638</b>	<b>109</b>	<b>7 045</b>	<b>5 784</b>	<b>899</b>	<b>262</b>	<b>120</b>
<b>Main House Heating Fuel</b>									
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	68	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	149	—	—	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	—	—
<b>Other House Heating Fuels</b>									
With other heating fuels <sup>1</sup> .....	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	6	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	—
<b>Cooking Fuel</b>									
With cooking fuel .....	31 426	23 899	618	109	6 898	5 757	899	259	85
Electricity .....	17 504	11 826	318	52	5 309	4 689	386	156	68
Piped gas .....	13 084	11 387	282	53	1 362	977	269	103	13
Bottled gas .....	756	451	18	5	282	80	197	1	3
Fuel oil .....	65	32	—	—	33	8	25	—	—
Kerosene or other liquid fuel .....	6	6	—	—	—	—	—	—	—
Coal or coke .....	3	3	—	—	—	—	—	—	—
Wood .....	3	3	—	—	—	—	—	—	—
Other .....	28	14	—	—	14	2	11	—	—
<b>Water Heating Fuel</b>									
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 .....	16 418	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	1 888	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	—
<b>Central Air Conditioning Fuel</b>									
With central air conditioning .....	10 940	6 413	68	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	—	—	—
<b>Clothes Dryer Fuel</b>									
With clothes dryer .....	12 811	8 888	186	53	3 684	3 173	437	62	13
Electricity .....	10 881	7 104	151	39	3 387	2 899	417	159	11
Piped gas .....	2 039	1 716	33	13	276	258	16	2	2
Other .....	91	67	2	—	22	18	3	—	—
<b>Units Using Each Fuel<sup>1</sup></b>									
Electricity .....	31 660	23 868	638	109	7 045	5 784	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 .....	4 870	4 125	150	18	462	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

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>31 670</b>	<b>23 878</b>	<b>638</b>	<b>109</b>	<b>7 045</b>	<b>5 764</b>	<b>899</b>	<b>262</b>	<b>120</b>
<b>Water Supply Stoppage</b>									
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
<b>Flush Toilet Breakdowns</b>									
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 times .....	92	79	1	—	12	8	3	—	—
4 times or more .....	127	103	2	—	22	8	8	—	—
Number of times not reported .....	128	98	—	—	28	18	9	—	—
Breakdowns not reported .....	143	87	12	1	43	34	6	3	—
<b>Sewage Disposal Breakdowns</b>									
With public sewer .....	28 463	21 737	549	105	6 072	5 366	384	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	—	—
<b>Heating Problems</b>									
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 <sup>1</sup> .....	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	8	1	18	13	3	1	—
3 times .....	80	68	—	—	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	—	—	—
<b>Electric Fuses and Circuit Breakers</b>									
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 .....	651	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

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	31 670	23 878	638	109	7 045	5 784	899	262	120
<b>Selected Amenities<sup>1</sup></b>									
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	138	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	-
<b>Cars and Trucks Available<sup>1</sup></b>									
No cars, trucks, or vans .....	6 755	5 604	152	22	977	706	124	79	69
Other households without cars .....	2 003	1 432	83	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	-	39
With cars, no trucks or vans .....	18 297	13 373	339	68	4 517	3 886	475	117	3
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	183	56	11	3
<b>Owner or Manager on Property</b>									
Rental, multiunit <sup>2</sup> .....	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	-	-	-	-	-	-
<b>Selected Deficiencies<sup>1</sup></b>									
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	88	13	274	182	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
<b>Water Leakage During Last 12 Months</b>									
No leakage from inside structure .....	26 720	19 962	519	90	6 149	5 057	760	222	110
With leakage from inside structure <sup>1</sup> .....	4 909	3 887	117	20	888	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 <sup>1</sup> .....	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	-
<b>Overall Opinion of Structure</b>									
1 (worst) .....	414	361	14	2	36	16	15	5	-
2 .....	282	210	-	-	52	29	18	6	-
3 .....	466	398	6	1	80	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	2 078	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	48	21	9
10 (best) .....	7 010	4 901	125	21	1 962	1 839	231	55	37
Not reported .....	348	266	-	4	79	54	15	9	-
<b>Selected Physical Problems</b>									
Severe physical problems <sup>1</sup> .....	800	638	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 <sup>1</sup> .....	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	-

<sup>1</sup>Figures may not add to total because more than one category may apply to a unit.  
<sup>2</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	31 670	23 878	638	109	7 045	5 784	899	262	120
<b>Overall Opinion of Neighborhood</b>									
1 (worst) .....	919	780	17	7	115	87	19	9	-
2 .....	521	403	14	5	99	66	25	8	-
3 .....	738	608	11	5	102	114	12	-	-
4 .....	998	820	15	4	159	120	31	-	4
5 .....	3 474	2 741	66	13	654	493	107	4	20
6 .....	2 149	1 705	41	7	396	318	53	33	10
7 .....	3 921	2 989	83	10	839	713	53	44	17
8 .....	6 489	4 775	142	21	1 550	1 356	139	42	7
9 .....	3 753	2 721	68	11	802	953	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	-
<b>Neighborhood Conditions</b>									
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 .....	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	-	-
<b>Description of Area Within 300 Feet<sup>1</sup></b>									
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	58	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	9
Other .....	1 091	837	23	6	225	206	-	17	2
Not observed or not reported .....	1 156	791	42	3	320	300	-	2	18
<b>Age of Other Residential Buildings Within 300 Feet</b>									
Older .....	1 207	781	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	2
Not reported .....	1 216	808	40	3	365	347	-	2	17
<b>Mobile Homes in Group</b>									
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	-	-
<b>Other Buildings Vandalized or With Interior Exposed</b>									
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
<b>Bars on Windows of Buildings</b>									
With other buildings within 300 feet .....	17 878	13 271	571	57	3 978	3 762	17	145	54
No bars on windows .....	14 873	10 471	478	39	3 684	3 530	14	110	30
1 building with bars .....	418	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	-	-	-
<b>Condition of Streets</b>									
No repairs needed .....	13 721	9 944	440	42	3 298	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
<b>Trash, Litter, or Junk on Streets or any Properties</b>									
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

<sup>1</sup>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—			
			Conversion	Merger	Total	New construction	Other sources		
							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
<b>Persons</b>									
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	4 187	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	—
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
<b>Number of Single Children Under 18 Years Old</b>									
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	.8	.5	.5	.5	.5	.5
<b>Persons 65 Years Old and Over</b>									
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	—	—
<b>Age of Householder</b>									
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	38	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	38	34	39	35	35	35	34	44
<b>Household Composition by Age of Householder</b>									
<b>2-or-more person households</b>	20 909	15 912	378	90	4 532	3 624	673	178	58
Married-couple families, no nonrelatives .....	10 028	7 648	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	28	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	15	—	—	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	—	—	—
<b>1-person households</b>	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	715	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
<b>Adults and Single Children Under 18 Years Old</b>									
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	928	205	44	8
One child under 6 only .....	1 334	908	26	1	401	316	77	8	—
One under 6, one or more 6 to 17 .....	1 110	840	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	1 601	32	13	373	286	58	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	—	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 .....	188	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	851	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	165	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 .....	19 599	14 483	410	53	4 624	3 873	497	147	106
Married couples .....	4 218	3 098	48	19	1 053	899	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—					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
<b>Own Never Married Children Under 18 Years Old</b>										
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	2 228	1 741	368	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	38	18	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	
<b>Persons Other Than Spouse or Children<sup>1</sup></b>										
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	61	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	788	129	52	41	
Co-owners or co-renters .....	2 063	1 486	39	11	527	426	39	34	29	
Lodgers .....	429	340	4	4	81	69	12	-	-	
Unrelated children, under 18 years old .....	713	542	21	3	146	94	39	12	1	
Other non-relatives .....	320	246	4	3	67	57	10	-	-	
One or more secondary families .....	2 348	1 632	48	4	664	525	72	30	36	
2-person households, none related to each other .....	513	421	6	6	79	63	11	-	5	
3-8 person households, none related to each other .....										
<b>Years of School Completed by Householder</b>										
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	
<b>Year Householder Moved Into Unit</b>										
1990 to 1994 .....	21 425	15 379	378	49	5 620	4 687	672	202	59	
1985 to 1989 .....	8 524	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 .....	803	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	1987	1968	1986	1987	1986	1986	1985	
<b>Household Moves and Formation In Last Year</b>										
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 .....	8 548	5 920	185	28	2 412	1 977	308	112	18	
Householder of previous unit did not move here .....	2 029	1 404	54	7	565	422	93	38	4	
Householder of previous unit moved here .....	6 268	4 349	126	21	1 772	1 494	199	75	14	
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	528	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	82	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	264	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	-	-	-	

<sup>1</sup>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--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>31 670</b>	<b>23 878</b>	<b>638</b>	<b>109</b>	<b>7 045</b>	<b>5 764</b>	<b>899</b>	<b>262</b>	<b>120</b>
<b>Household income</b>									
Less than \$5,000 .....	2 656	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	18	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	385	340	29	15	3
\$40,000 to \$49,999 .....	2 476	1 777	38	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	338	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
<b>As percent of poverty level:</b>									
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 .....	3 538	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
<b>Income of Families and Primary Individuals</b>									
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	-	-	-
\$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
<b>Income Sources of Families and Primary Individuals</b>									
Wages and salaries .....	23 317	17 332	481	82	5 422	4 497	703	179	42
Wages and salaries were majority of income 2 or more people each earned over 20% of wages and salaries .....	21 431	15 831	441	79	5 079	4 203	662	174	40
Business, farm, or ranch .....	5 748	4 354	92	29	1 273	1 042	171	53	6
Social security or pensions .....	1 851	1 352	35	12	451	388	39	18	6
Interest .....	6 370	4 855	101	25	1 290	1 076	109	48	57
Stock dividend(s) .....	7 893	5 798	152	23	1 919	1 767	80	41	31
Rental income .....	2 278	1 545	37	2	693	659	13	18	2
With lodger(s) .....	3 612	2 577	62	11	962	789	101	32	40
Welfare or SSI .....	4 102	3 251	107	19	728	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
<b>Amount of Savings and Investments</b>									
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	788	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
<b>Food Stamps</b>									
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	2 308	450	112	93
Not reported .....	973	711	14	7	241	213	12	6	10
<b>Rent Reductions</b>									
No subsidy or income reporting .....	28 651	20 041	579	92	5 940	4 792	834	225	90
Rent control .....	830	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 .....	23 928	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	428	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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>31 670</b>	<b>23 878</b>	<b>638</b>	<b>109</b>	<b>7 045</b>	<b>5 764</b>	<b>899</b>	<b>262</b>	<b>120</b>
<b>Monthly Housing Costs</b>									
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	6
\$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	23	2
\$700 to \$799 .....	2 320	1 664	48	12	596	621	14	6	35
\$800 to \$999 .....	2 259	1 592	30	3	635	621	8	4	7
\$1,000 to \$1,249 .....	981	678	10	7	286	284	2	5	2
\$1,250 to \$1,499 .....	384	272	10	1	101	100	-	2	-
\$1,500 or more .....	280	169	2	1	108	105	-	1	-
No cash rent .....	2 247	1 757	42	6	442	262	138	3	-
Mortgage payment not reported .....	...	...	...	...	...	...	...	23	19
Median (excludes no cash rent) .....	493	485	456	442	530	571	334	331	376
<b>Monthly Housing Costs as Percent of Current Income</b>									
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	205	20	7	2
60 to 69 percent .....	1 063	821	18	1	226	168	38	19	-
70 to 99 percent .....	1 786	1 415	31	3	338	246	38	28	25
100 percent or more <sup>1</sup> .....	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
<b>Nonrelatives' Shared Housing Costs</b>									
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	-	-
<b>Monthly Cost Paid for Electricity</b>									
Electricity used .....	31 660	23 868	638	109	7 045	5 764	899	262	120
Less than \$25 .....	4 148	3 461	65	10	2 611	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	82	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	218	-	4	68	63	2	-	-
Median .....	47	46	42	56	55	53	44	51	51
Included in rent, other fee, or obtained free .....	6 065	4 881	248	27	909	598	109	102	101
<b>Monthly Cost Paid for Piped Gas</b>									
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	890	99	40	16
\$25 to \$49 .....	5 006	4 082	83	14	827	653	127	42	7
\$50 to \$74 .....	1 913	1 702	36	17	157	128	24	1	5
\$75 to \$99 .....	812	535	15	7	55	52	-	1	7
\$100 to \$149 .....	304	277	11	1	16	7	4	2	-
\$150 to \$199 .....	76	74	-	-	1	-	1	2	-
\$200 or more .....	80	71	-	-	9	7	1	-	-
Median .....	30	31	32	47	25	31	31	47	4
Included in rent, other fee, or obtained free .....	6 305	5 318	218	28	741	547	76	27	25
<b>Average Monthly Cost Paid for Fuel Oil</b>									
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
<b>Property Insurance</b>									
Property insurance paid .....	8 500	6 245	103	26	2 128	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
<b>Monthly Costs Paid for Selected Utilities and Fuels</b>									
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	18	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	38	--	--
Other fuel paid separately .....	2 348	1 701	39	5	602	435	150	14	2
Median .....	11	13	--	--	10	10	23	--	--

\*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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	28 784	23 829	324	173	4 459	4 156	164	96	44
<b>Tenure</b>									
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
<b>Race and Origin</b>									
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
<b>Units in Structure</b>									
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	—	—
<b>Cooperatives and Condominiums</b>									
Cooperatives .....	466	435	1	3	28	28	—	—	—
Condominiums .....	1 203	759	2	4	438	437	—	1	—
<b>Year Structure Built<sup>1</sup></b>									
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	4 178	19	17	37	—	30	6	—
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	6
1930 to 1939 .....	2 801	2 520	177	82	11	—	—	5	9
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	...
<b>Metropolitan/Nonmetropolitan Areas</b>									
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 .....	...	...	...	...	...	...	...	...	...
<b>Regions</b>									
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
<b>Urbanized Areas</b>									
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	—	—
<b>Place Size<sup>2</sup></b>									
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

<sup>1</sup>For mobile home, oldest category is 1939 or earlier.<sup>2</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>28 784</b>	<b>23 829</b>	<b>324</b>	<b>173</b>	<b>4 459</b>	<b>4 156</b>	<b>164</b>	<b>96</b>	<b>44</b>
<b>Stories in Structure</b>									
1 .....	872	664	35	5	168	160	—	8	—
2 .....	3 833	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	—	—	—	—	—	—
<b>Stories Between Main and Apartment Entrances</b>									
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	18	675	655	7	11	2
1 (up or down) .....	3 078	2 404	81	16	578	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
<b>Common Stairways</b>									
Multiunits, 2 or more floors .....	11 242	8 955	288	52	1 947	1 820	17	74	36
No common stairways .....	1 822	1 510	121	11	281	260	—	17	5
With common stairways .....	8 795	7 053	163	40	1 540	1 438	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	1 284	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	385	16	3	52	41	—	4	7
Railings loose .....	128	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	—
<b>Light Fixtures in Public Halls</b>									
2 or more units in structure .....	12 115	9 619	323	57	2 115	1 980	17	82	38
No public halls .....	3 968	2 984	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	—
<b>Elevator on Floor</b>									
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	—
<b>Foundation</b>									
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 .....	—	—	—	—	—	—	—	—	—
<b>External Building Conditions<sup>1</sup></b>									
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	8	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 .....	8 759	6 672	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	—
<b>Site Placement</b>									
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	—	—
<b>Previous Occupancy</b>									
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	—

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	28 784	23 829	324	173	4 459	4 156	164	96	44
<b>Rooms</b>									
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	18	106	105	—	—	—
Median .....	5.1	5.2	3.7	6.5	4.9	5.0	4.6	3.6	—
<b>Bedrooms</b>									
None .....	686	576	52	—	58	44	—	5	10
1 .....	5 127	4 128	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	1.8	—
<b>Complete Bathrooms</b>									
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
<b>Square Footage of Unit</b>									
Single detached and mobile homes .....	14 387	12 368	—	97	1 922	1 754	147	13	8
Less than 500 .....	143	110	—	4	32	3	21	8	1
500 to 749 .....	414	381	—	2	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	484	3	—	—
2,000 to 2,499 .....	2 184	1 874	—	6	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	1 898	845	—	—
<b>Lot Size</b>									
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	—	—	2	2	—	—	—
Don't know .....	4 407	3 684	—	29	694	614	64	8	8
Not reported .....	2 080	1 757	—	15	309	286	19	2	—
Median .....	.21	.20	—	.17	.23	.24	.13	—	—
<b>Persons Per Room</b>									
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	38	26	—	1	9
<b>Square Feet Per Person</b>									
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 .....	1 382	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	—	3	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	658	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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>28 784</b>	<b>23 829</b>	<b>324</b>	<b>173</b>	<b>4 459</b>	<b>4 156</b>	<b>164</b>	<b>96</b>	<b>44</b>
<b>Equipment<sup>1</sup></b>									
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	9 285	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	184	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	13 168	86	108	3 098	2 989	101	7	2
Less than 5 years old .....	5 585	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	18	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	318	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	-	-
<b>Main Heating Equipment</b>									
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 .....	478	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
<b>Other Heating Equipment</b>									
With other heating equipment <sup>1</sup> .....	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 without inserts .....	2 538	1 723	10	11	793	782	11	-	-
Other .....	164	132	2	-	29	29	-	-	-
<b>Plumbing</b>									
With all plumbing facilities .....	28 356	23 491	285	169	4 411	4 126	160	89	35
Lacking some plumbing facilities <sup>1</sup> .....	87	56	22	-	8	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
<b>Source of Water</b>									
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--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Means of Sewage Disposal</b>									
Public sewer .....	28 225	23 408	323	170	4 324	4 035	150	98	44
Septic tank, cesspool, chemical toilet .....	559	421	1	3	135	121	14	-	-
Other .....	-	-	-	-	-	-	-	-	-

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>28 784</b>	<b>23 829</b>	<b>324</b>	<b>173</b>	<b>4 459</b>	<b>4 156</b>	<b>164</b>	<b>96</b>	<b>44</b>
<b>Main House Heating Fuel</b>									
Housing units with heating fuel .....	28 418	23 497	317	168	4 438	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
<b>Other House Heating Fuels</b>									
With other heating fuels <sup>1</sup> .....	3 438	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	468	455	10	—	—
Solar energy .....	15	10	—	—	5	5	—	—	—
Other .....	108	94	2	—	12	10	—	—	2
Not reported .....	131	109	—	—	22	18	—	4	—
<b>Cooking Fuel</b>									
With cooking fuel .....	28 815	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	—	—	—	—	—	—	—
<b>Water Heating Fuel</b>									
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	—
<b>Central Air Conditioning Fuel</b>									
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	—	—	—
<b>Clothes Dryer Fuel</b>									
With clothes dryer .....	16 471	13 166	96	108	3 098	2 989	101	7	2
Electricity .....	11 665	8 914	67	62	2 622	2 535	82	5	—
Piped gas .....	4 787	4 216	31	46	474	452	19	2	2
Other .....	39	37	—	—	2	2	—	—	—
<b>Units Using Each Fuel<sup>1</sup></b>									
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

<sup>1</sup>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--					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
<b>Total</b> .....	28 784	23 829	324	173	4 459	4 158	164	96	44	
<b>Water Supply Stoppage</b>										
With hot and cold piped water .....	28 737	23 803	320	173	4 442	4 153	184	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	378	4	4	90	80	6	4	4	
1 time lasting 6 hours or more .....	540	438	8	3	91	83	4	4	4	
2 times .....	114	104	—	—	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	—	—	—	
Stoppage not reported .....	193	162	—	1	30	28	—	1	1	
<b>Flush Toilet Breakdowns</b>										
With one or more flush toilets .....	28 689	23 767	300	173	4 448	4 158	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 times .....	53	49	—	—	4	4	—	—	3	
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	—	—	—	
<b>Sewage Disposal Breakdowns</b>										
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	18	—	—	—	
2 times .....	67	57	2	2	5	5	—	—	—	
3 times .....	12	11	—	—	—	—	—	—	—	
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	—	—	—	—	—	—	—	
<b>Heating Problems</b>										
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 <sup>1</sup> .....	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	—	—	—	
Inadequate insulation .....	203	180	2	8	15	15	3	—	—	
Other .....	514	457	6	2	49	44	—	—	—	
Not reported .....	58	56	—	—	—	—	—	1	4	
Reason for discomfort not reported .....	9	9	—	—	—	—	—	—	—	
Discomfort not reported .....	45	37	—	—	8	8	—	—	—	
<b>Electric Fuses and Circuit Breakers</b>										
With electrical wiring .....	28 784	23 829	324	173	4 459	4 158	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 .....	880	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	—	

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>28 784</b>	<b>23 829</b>	<b>324</b>	<b>173</b>	<b>4 459</b>	<b>4 156</b>	<b>164</b>	<b>96</b>	<b>44</b>
<b>Selected Amenities<sup>1</sup></b>									
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	21 848	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	-
<b>Cars and Trucks Available<sup>1</sup></b>									
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	-	-
<b>Owner or Manager on Property</b>									
Rental, multiunit? .....	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
<b>Selected Deficiencies<sup>1</sup></b>									
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	28	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 .....	826	567	7	2	50	47	2	1	-
Rooms without electric outlets .....	485	427	10	2	47	42	4	1	-
<b>Water Leakage During Last 12 Months</b>									
No leakage from inside structure .....	24 977	20 605	247	150	3 976	3 723	139	74	40
With leakage from inside structure <sup>2</sup> .....	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 <sup>2</sup> .....	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	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	-	-	-
<b>Overall Opinion of Structure</b>									
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	-
<b>Selected Physical Problems</b>									
Severe physical problems <sup>1</sup> .....	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 <sup>1</sup> .....	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

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

<sup>2</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>28 784</b>	<b>23 829</b>	<b>324</b>	<b>173</b>	<b>4 459</b>	<b>4 156</b>	<b>164</b>	<b>96</b>	<b>44</b>
<b>Overall Opinion of Neighborhood</b>									
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	-
<b>Neighborhood Conditions</b>									
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 <sup>1</sup> .....	13 317	11 135	165	111	1 908	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	1 849	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 .....	534	420	9	6	69	65	4	-	-
Undesirable commercial, institutional, industrial .....	4 470	3 994	9	6	81	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	-	-	-
<b>Description of Area Within 300 Feet<sup>1</sup></b>									
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	4	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	-
<b>Age of Other Residential Buildings Within 300 Feet</b>									
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	278	222	10	37	10
No other residential buildings .....	338	213	5	-	119	89	-	17	13
Not reported .....	666	483	8	2	173	172	-	1	-
<b>Mobile Homes in Group</b>									
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	-	-
<b>Other Buildings Vandalized or With Interior Exposed</b>									
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
<b>Bars on Windows of Buildings</b>									
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	-	-	-
<b>Condition of Streets</b>									
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	-
<b>Trash, Litter, or Junk on Streets or any Properties</b>									
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	-

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Population in housing units</b>	<b>72 264</b>	<b>59 851</b>	<b>691</b>	<b>610</b>	<b>11 112</b>	<b>10 428</b>	<b>362</b>	<b>234</b>	<b>68</b>
Total	28 784	23 829	324	173	4 459	4 156	164	96	44
<b>Persons</b>									
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	—
<b>Number of Single Children Under 18 Years Old</b>									
None	18 638	15 534	227	82	2 794	2 581	126	51	37
1	4 330	3 488	52	29	781	721	17	23	—
2	3 482	2 839	28	30	586	554	14	13	5
3	1 549	1 298	7	22	223	205	7	10	2
4	502	423	6	7	85	85	—	—	—
5	185	154	4	2	26	26	—	—	—
6 or more	99	93	—	1	5	5	—	—	—
Median	-.5	-.5	-.5	.6	-.5	-.5	-.5	-.5	—
<b>Persons 65 Years Old and Over</b>									
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	—	—
<b>Age of Householder</b>									
Under 25 years	1 876	1 388	34	10	443	409	16	8	11
25 to 29	2 897	2 148	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	18	234	204	30	—	—
Median	45	48	37	44	39	39	48	37	—
<b>Household Composition by Age of Householder</b>									
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	18	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	458	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	750	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	1 918	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	—	—
Female householder	4 904	4 105	50	9	740	670	43	15	11
Under 45 years	1 429	1 058	30	2	340	313	10	5	10
45 to 64 years	1 136	980	5	2	149	135	14	2	—
65 years and over	2 339	2 069	15	5	251	222	19	9	1
<b>Adults and Single Children Under 18 Years Old</b>									
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	7	5	276	268	8	—	—
One under 6, one or more 6 to 17	1 091	889	12	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	—	—	—
One or more 6 to 17 only	2 769	2 245	9	27	488	470	12	6	2
Other households with two or more adults	1 843	1 585	16	15	225	202	18	—	—
One child under 6 only	347	283	—	5	59	59	—	—	—
One under 6, one or more 6 to 17	291	247	3	—	40	31	—	—	—
Two or more under 6 only	132	114	4	—	13	13	—	—	—
Two or more under 6, one or more 6 to 17	124	108	—	—	15	11	—	—	—
One or more 6 to 17 only	950	834	9	9	98	87	3	9	—
Households with one adult or none	2 377	2 031	46	13	266	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	—	—	—
Two or more under 6 only	235	218	—	—	17	14	—	—	—
Two or more under 6, one or more 6 to 17	169	154	4	—	10	10	—	—	—
One or more 6 to 17 only	1 318	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—			
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Own Never Married Children Under 18 Years Old</b>									
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	14	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	1 853	17	26	314	304	3	4	2
2 .....	642	679	6	9	147	145	—	2	—
3 or more .....	1 169	974	11	17	167	159	3	2	2
<b>Persons Other Than Spouse or Children<sup>1</sup></b>									
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 .....	—	—	—	7	—	—	—	—	—
Unrelated children, under 18 years old .....	327	280	—	—	40	38	2	—	—
Other non-relatives .....	581	485	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
<b>Years of School Completed by Householder</b>									
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	12.6	12.6	14.2	14.4	14.5	12.6	12.7	—
<b>Year Householder Moved Into Unit</b>									
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	—
<b>Household Moves and Formation in Last Year</b>									
Total with a move in last year .....	8 794	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	—	237	209	14	9	5
Householder of previous unit moved here .....	3 388	2 524	53	10	600	762	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	182	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	—	—
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	168	5	3	21	21	—	—	—
Number of previous units not reported .....	18	13	—	—	5	5	—	—	—

<sup>1</sup>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—			
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>28 784</b>	<b>23 829</b>	<b>324</b>	<b>173</b>	<b>4 459</b>	<b>4 156</b>	<b>164</b>	<b>96</b>	<b>44</b>
<b>Household Income</b>									
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	6	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 .....	948	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	—
<b>Median</b> .....	<b>26 919</b>	<b>25 578</b>	<b>18 063</b>	<b>39 653</b>	<b>35 083</b>	<b>37 373</b>	<b>18 958</b>	<b>11 122</b>	<b>—</b>
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
<b>Income of Families and Primary Individuals</b>									
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 .....	2 478	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	—
<b>Median</b> .....	<b>25 597</b>	<b>24 309</b>	<b>16 533</b>	<b>35 074</b>	<b>33 219</b>	<b>34 923</b>	<b>16 117</b>	<b>9 770</b>	<b>—</b>
<b>Income Sources of Families and Primary Individuals</b>									
Wages and salaries .....	20 465	16 371	244	135	3 715	3 501	122	58	34
Wages and salaries were majority of income 2 or more people each earned over 20% of wages and salaries .....	18 431	14 613	220	123	3 478	3 285	105	53	32
Business, farm, or ranch .....	6 165	4 872	45	58	1 191	1 147	22	16	5
Social security or pensions .....	2 373	1 896	19	27	431	420	—	9	2
Interest .....	8 262	7 442	52	45	723	656	48	18	1
Stock dividend(s) .....	11 289	9 230	84	58	1 918	1 853	40	14	10
Rental income .....	4 402	3 510	33	27	832	818	9	4	—
Rental income With lodger(s) .....	3 730	2 984	63	38	645	580	28	18	18
Welfare or SSI .....	—	—	—	—	—	—	—	—	—
Alimony or child support .....	2 599	2 272	62	17	248	216	9	20	4
Other .....	1 194	955	8	3	228	207	6	15	—
<b>Other</b> .....	<b>3 884</b>	<b>3 243</b>	<b>42</b>	<b>27</b>	<b>572</b>	<b>532</b>	<b>26</b>	<b>12</b>	<b>2</b>
<b>Amount of Savings and Investments</b>									
Income of \$25,000 or less .....	14 616	12 675	215	68	1 657	1 435	113	79	30
No savings or investments .....	8 763	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
<b>Food Stamps</b>									
Income of \$25,000 or less .....	14 618	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
<b>Rent Reductions</b>									
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 .....	288	224	6	1	37	36	—	1	—
Other, income verification .....	225	201	2	1	20	20	—	—	—
Subsidy or income verification not reported .....	102	83	—	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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>28 784</b>	<b>23 829</b>	<b>324</b>	<b>173</b>	<b>4 459</b>	<b>4 158</b>	<b>164</b>	<b>96</b>	<b>44</b>
<b>Monthly Housing Costs</b>									
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	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	228	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
<b>Median (excludes no cash rent)</b> .....	<b>501</b>	<b>475</b>	<b>454</b>	<b>569</b>	<b>658</b>	<b>679</b>	<b>412</b>	<b>368</b>	<b>...</b>
<b>Median Monthly Housing Costs For Owners</b>									
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	-	-
<b>Monthly Housing Costs as Percent of Current Income</b>									
Less than 5 percent .....	584	501	-	4	58	58	-	-	-
5 to 9 percent .....	2 176	1 828	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 <sup>1</sup> .....	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
<b>Median (excludes 3 previous lines)</b> .....	<b>24</b>	<b>24</b>	<b>30</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>23</b>	<b>32</b>	<b>...</b>
<b>Median (excludes 4 lines before medians)</b> .....	<b>23</b>	<b>23</b>	<b>28</b>	<b>22</b>	<b>23</b>	<b>23</b>	<b>20</b>	<b>30</b>	<b>...</b>
<b>Nonrelatives' Shared Housing Costs</b>									
Nonrelatives in housing units .....	1 728	1 312	20	18	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 .....	181	124	6	1	80	57	3	-	-
\$400 or more per month .....	261	189	6	4	61	56	-	-	5
Not reported .....	78	71	-	-	5	5	-	-	-
<b>Median</b> .....	<b>130</b>	<b>117</b>	<b>...</b>	<b>...</b>	<b>158</b>	<b>201</b>	<b>...</b>	<b>...</b>	<b>...</b>
<b>Monthly Cost Paid for Electricity</b>									
Electricity used .....	28 780	23 824	324	173	4 459	4 158	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	618	586	28	-	2
\$150 to \$199 .....	840	640	5	5	190	172	14	4	-
\$200 or more .....	496	396	2	6	93	93	-	-	-
<b>Median</b> .....	<b>55</b>	<b>54</b>	<b>44</b>	<b>67</b>	<b>64</b>	<b>65</b>	<b>64</b>	<b>41</b>	<b>...</b>
Included in rent, other fee, or obtained free .....	4 362	3 790	109	26	436	362	11	34	31
<b>Monthly Cost Paid for Piped Gas</b>									
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 .....	1 266	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	4	13	12	-	1	-
<b>Median</b> .....	<b>37</b>	<b>38</b>	<b>35</b>	<b>60</b>	<b>31</b>	<b>31</b>	<b>25</b>	<b>35</b>	<b>...</b>
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—					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
<b>Average Monthly Cost Paid for Fuel Oil</b>										
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	280	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	
<b>Property Insurance</b>										
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	-	-	
<b>Monthly Costs Paid for Selected Utilities and Fuels</b>										
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-	-	-	-	
<b>OWNER OCCUPIED UNITS</b>										
Total	14 686	12 354	62	111	2 159	2 045	101	9	4	
<b>Cost and Ownership Sharing</b>										
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	89	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	
<b>Monthly Payment for Principal and Interest</b>										
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	-	7	3	
Not reported	1 381	1 092	11	15	264	246	7	7	-	
Median	483	440	-	447	674	683	-	-	-	
<b>Average Monthly Cost Paid for Real Estate Taxes</b>										
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-	-	-	
<b>Annual Taxes Paid Per \$1,000 Value</b>										
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	3 618	2 933	16	17	649	635	13	-	-	
\$15 to \$19	1 779	1 529	8	17	227	222	5	-	-	
\$20 to \$24	1 233	1 061	5	6	181	157	4	-	-	
\$25 or more	1 680	1 524	9	16	132	112	13	3	3	
Median	11	11	12	10	11	11	6	-	-	
<b>Routine Maintenance in Last Year</b>										
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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>OWNER OCCUPIED UNITS—Con.</b>									
<b>Condominium and Cooperative Fee</b>									
Fee paid by owners .....	807	533	--	5	269	268	--	--	--
Less than \$25 per month .....	6	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	--	--	--
<b>Other Housing Costs Per Month</b>									
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 .....	--	--	--	--	--	--	--	--	--

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	14 686	12 354	62	111	2 159	2 045	101	9	4
<b>Value</b>									
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 \$89,999 .....	1 952	1 606	10	10	328	328	-	-	-
\$90,000 to \$99,999 .....	1 149	885	3	10	251	247	4	-	1
\$100,000 to \$119,999 .....	1 298	1 017	7	12	263	263	-	-	-
\$120,000 to \$149,999 .....	1 370	1 048	2	9	310	307	4	-	-
\$150,000 to \$199,999 .....	657	509	5	12	131	131	-	-	-
\$200,000 to \$249,999 .....	412	330	5	4	73	73	-	-	-
\$250,000 to \$299,999 .....	768	592	7	11	157	157	-	-	-
\$300,000 or more .....	62 690	78 161	95 125	105 997	108 481	112 548	14 631	-	-
<b>Median</b> .....									
<b>Value-Income Ratio</b>									
Less than 1.5 .....	4 185	3 512	8	36	608	535	67	3	3
1.5 to 1.9 .....	2 002	1 610	8	15	369	385	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	-	-
<b>Median</b> .....	2.3	2.4	3.6	2.2	2.1	2.2	1.5	-	-
<b>Other Activities on Property<sup>1</sup></b>									
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
<b>Year Unit Acquired</b>									
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
<b>Median</b> .....	1977	1976	1971	1978	1986	1988	1983	-	-
<b>First Time Owners</b>									
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	-	1
Not reported .....	289	218	5	3	64	50	6	5	4
<b>Purchase Price</b>									
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	168	166	-	-	-
\$80,000 to \$89,999 .....	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	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	-	-
<b>Median</b> .....	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
<b>Major Source of Down Payment</b>									
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	888	56	3	-
Sale of other investment .....	104	80	-	-	24	24	-	-	-
Borrowing, other than mortgage on this property .....	450	411	-	2	31	28	3	-	-
Inheritance or gift .....	359	308	1	8	47	42	5	-	-
Land where building built used for financing .....	30	20	-	-	10	10	-	-	-
Other .....	614	544	5	7	60	60	-	-	-
No down payment .....	819	701	-	8	111	99	12	-	-
Not reported .....	439	385	-	2	72	69	3	-	-

<sup>1</sup>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—		Total	New construction	Units added through—		
			Conversion	Merger			House or mobile home moved in	Other sources	
								From nonresidential use	Other
<b>Total</b> .....	14 686	12 354	62	111	2 159	2 045	101	9	4
<b>Mortgages Currently on Property</b>									
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
<b>OWNERS WITH ONE OR MORE MORTGAGES</b>									
<b>Total</b> .....	9 154	7 247	39	83	1 785	1 733	40	9	3
<b>Type of Primary Mortgage</b>									
FHA .....	1 897	1 527	2	10	358	358	-	-	-
VA .....	854	876	-	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
<b>Lower Cost State and Local Mortgages</b>									
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
<b>Mortgage Origination</b>									
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
<b>Payment Plan of Primary Mortgage</b>									
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 .....	81	49	-	-	13	12	-	1	-
Other .....	136	94	1	2	39	39	-	-	-
Combination of the above .....	44	39	-	-	5	5	-	-	-
Not reported .....	948	781	9	7	149	133	8	5	3
<b>Payment Plan of Secondary Mortgage</b>									
Units with two or more mortgages .....	940	815	3	8	113	113	-	-	-
Fixed payment, self amortizing .....	523	442	4	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	-	-	-
<b>Lenders of Primary and Secondary Mortgages</b>									
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
<b>Items Included in Primary Mortgage Payment<sup>1</sup></b>									
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
<b>Year Primary Mortgage Originated</b>									
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
<b>Median</b> .....	<b>1985</b>	<b>1983</b>		<b>1981</b>	<b>1987</b>	<b>1987</b>			

**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
<b>OWNERS WITH ONE OR MORE MORTGAGES—Con.</b>									
<b>Term of Primary Mortgage at Origination or Assumption</b>									
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	-	1	-
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	28	...	29	30	30	...	...	...
<b>Remaining Years Mortgaged</b>									
Less than 8 years .....	1 000	906	5	10	79	58	20	1	-
8 to 12 .....	1 102	981	7	14	89	90	6	3	-
13 to 17 .....	1 513	1 280	7	8	217	217	-	-	-
18 to 22 .....	695	540	2	7	138	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	-	-	-
<b>Current Interest Rate</b>									
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	1 488	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 .....	4 912	4 037	30	41	804	769	27	5	3
Median .....	8.3	8.3	-	9.1	8.1	8.1	-	-	-
<b>Total Outstanding Principal Amount</b>									
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 .....	385	228	-	-	138	135	-	2	-
\$70,000 to \$79,999 .....	262	186	-	-	76	76	-	-	-
\$80,000 to \$99,999 .....	366	172	-	-	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	83	-	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	...	...	...
<b>Current Total Loan as Percent of Value</b>									
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	7	164	156	8	-	-
60 to 79 .....	1 103	783	2	11	308	304	4	-	-
80 to 89 .....	689	433	1	2	233	233	-	-	-
90 to 99 .....	457	320	-	2	135	135	-	-	-
100 percent or more .....	203	137	2	1	83	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	-	-	-

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>14 686</b>	<b>12 354</b>	<b>62</b>	<b>111</b>	<b>2 159</b>	<b>2 045</b>	<b>101</b>	<b>9</b>	<b>4</b>
<b>Repairs, Improvements, Alterations in Last 2 Years</b>									
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	8	-	-
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	442	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	18	-	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	618	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 <sup>1</sup> .....	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
<b>Government Subsidy for Repairs</b>									
Units with major repairs the last 2 years ..	7 378	6 518	-	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	-	-	-

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	44 262	31 385	365	102	12 410	10 883	1 365	115	47
<b>Tenure</b>									
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
<b>Race and Origin</b>									
White .....	39 852	28 280	335	91	11 146	9 718	1 277	109	42
Non-Hispanic .....	37 380	28 447	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	—
<b>Units in Structure</b>									
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	—	—
<b>Cooperatives and Condominiums</b>									
Cooperatives .....	208	170	—	—	39	23	15	—	—
Condominiums .....	2 188	1 153	—	3	1 032	1 032	—	—	—
<b>Year Structure Built<sup>1</sup></b>									
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	7 284	36	6	359	—	334	16	9
1950 to 1959 .....	6 332	6 168	94	13	59	—	47	9	4
1940 to 1949 .....	2 946	2 869	48	15	11	—	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	...
<b>Metropolitan/Nonmetropolitan Areas</b>									
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 .....	...	...	...	...	...	...	...	...	...
<b>Regions</b>									
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
<b>Urbanized Areas</b>									
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
<b>Place Size<sup>2</sup></b>									
Less than 2,500 persons .....	1 736	1 400	39	5	281	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 .....	—	—	—	—	—	—	—	—	—

<sup>1</sup>For mobile home, oldest category is 1939 or earlier.  
<sup>2</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>44 262</b>	<b>31 385</b>	<b>365</b>	<b>102</b>	<b>12 410</b>	<b>10 883</b>	<b>1 365</b>	<b>115</b>	<b>47</b>
<b>Stories in Structure</b>									
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	1 870	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	—	—	—	—	—	—
<b>Stories Between Main and Apartment Entrances</b>									
Multiunits, 2 or more floors .....	7 787	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
<b>Common Stairways</b>									
Multiunits, 2 or more floors .....	7 787	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
<b>Light Fixtures in Public Halls</b>									
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	1 098	—	10	5
No light fixtures in public halls .....	16	9	2	—	5	5	—	—	—
All in working order .....	3 084	2 168	28	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
<b>Elevator on Floor</b>									
Multiunits, 2 or more floors .....	7 787	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
<b>Foundation</b>									
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	3 418	—	17	635	625	—	7	2
With crawl space .....	6 778	5 446	—	11	1 321	1 263	38	20	—
On concrete slab .....	9 298	5 985	—	7	3 303	3 238	16	46	4
Other .....	526	439	—	1	86	78	—	8	—
Not reported .....	31	—	—	—	31	7	—	—	24
<b>External Building Conditions<sup>1</sup></b>									
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	—	—	8	5	—	—	—
Foundation crumbling or has open crack or hole .....	73	65	5	1	2	2	—	3	—
Could not see foundation .....	240	174	11	—	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
<b>Site Placement</b>									
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	—	—	822	170	452	—	—
Don't know .....	533	118	—	—	415	75	340	—	—
Not reported .....	73	14	—	—	59	26	33	—	—
<b>Previous Occupancy</b>									
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

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b>	<b>44 262</b>	<b>31 385</b>	<b>365</b>	<b>102</b>	<b>12 410</b>	<b>10 883</b>	<b>1 365</b>	<b>115</b>	<b>47</b>
<b>Rooms</b>									
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	...
<b>Bedrooms</b>									
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	3 823	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	2.6	2.7	2.8	2.2	1.8	...
<b>Complete Bathrooms</b>									
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	-	10
2 or more	20 418	12 153	40	58	8 168	7 735	388	34	-
<b>Square Footage of Unit</b>									
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	-	4
2,000 to 2,499	5 326	4 071	-	6	1 249	1 227	18	7	-
2,500 to 2,999	3 067	2 252	-	5	810	796	5	3	-
3,000 to 3,999	2 867	2 130	-	2	731	727	-	2	-
4,000 or more	1 563	1 105	-	6	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	...
<b>Lot Size</b>									
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	5 823	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	1 809	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	...
<b>Persons Per Room</b>									
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
<b>Square Feet Per Person</b>									
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	-	2	714	611	103	-	-
800 to 899	1 960	1 397	-	4	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	827	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--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>44 262</b>	<b>31 385</b>	<b>385</b>	<b>102</b>	<b>12 410</b>	<b>10 883</b>	<b>1 365</b>	<b>115</b>	<b>47</b>
<b>Equipment<sup>1</sup></b>									
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 .....	44 088	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	-	-	5
Age not reported .....	10	4	-	-	5	-	-	-	-
Oven only .....	33	22	-	-	11	11	-	-	5
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	4 848	4 487	331	25	2
Age not reported .....	307	184	-	-	121	107	14	-	-
Clothes dryer .....	34 972	24 252	189	71	10 480	9 482	899	63	15
Less than 5 years old .....	11 718	7 130	68	21	4 499	4 228	248	22	2
Age not reported .....	271	152	2	-	115	105	10	-	2
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	-
<b>Air conditioning:</b>									
Central .....	22 768	13 700	49	21	8 999	8 417	513	38	30
1 room unit .....	6 547	5 432	104	24	966	617	330	35	4
2 room units .....	3 081	2 671	28	5	379	206	149	15	8
3 room units or more .....	1 202	1 115	17	7	64	48	15	-	-
<b>Main Heating Equipment</b>									
Warm-air furnace .....	25 616	17 883	134	35	7 583	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	8	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	38	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 .....	584	420	5	3	137	115	20	-	1
None .....	444	292	5	2	145	106	31	8	-
<b>Other Heating Equipment</b>									
With other heating equipment <sup>1</sup> .....	13 161	9 055	83	36	3 966	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	1	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	8	309	241	65	3	-
Fireplaces with inserts .....	2 225	1 444	7	4	770	753	13	-	4
Fireplaces with no inserts .....	5 065	3 146	29	9	1 911	1 885	19	7	-
Other .....	409	304	2	2	100	89	10	1	-
<b>Plumbing</b>									
With all plumbing facilities .....	43 719	30 977	359	102	12 281	10 764	1 356	114	47
Lacking some plumbing facilities <sup>1</sup> .....	34	28	1	-	5	4	-	1	-
No hot piped water .....	19	17	-	-	2	2	-	-	-
No bathtub nor shower .....	18	14	-	-	3	2	-	1	-
No flush toilet .....	14	12	-	-	2	2	-	-	-
No plumbing facilities for exclusive use .....	509	380	5	-	124	115	9	-	-
<b>Source of Water</b>									
Public system or private company .....	37 691	26 638	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	1 606	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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Means of Sewage Disposal</b>									
Public sewer .....	33,312	24,126	251	61	6,853	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	-	-

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	44 262	31 385	365	102	12 410	10 883	1 365	115	47
<b>Main House Heating Fuel</b>									
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	—	—
<b>Other House Heating Fuels</b>									
With other heating fuels <sup>1</sup> .....	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	—	—
<b>Cooking Fuel</b>									
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	—	—
<b>Water Heating Fuel</b>									
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	48	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	—	—	—
Other .....	175	111	2	2	59	42	16	—	—
<b>Central Air Conditioning Fuel</b>									
With central air conditioning .....	22 768	13 700	49	21	8 999	8 417	513	38	30
Electricity .....	21 128	12 465	48	18	8 599	8 026	505	38	30
Piped gas .....	1 484	1 124	2	3	354	348	5	—	—
Other .....	156	110	—	—	46	43	3	—	—
<b>Clothes Dryer Fuel</b>									
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	—	—
<b>Units Using Each Fuel<sup>1</sup></b>									
Electricity .....	44 252	31 378	365	102	12 408	10 881	1 365	115	47
All-electric units .....	9 802	5 123	52	10	4 618	4 252	332	24	9
Piped gas .....	26 828	20 569	231	61	5 967	5 458	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	—	—

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>44 262</b>	<b>31 385</b>	<b>365</b>	<b>102</b>	<b>12 410</b>	<b>10 883</b>	<b>1 365</b>	<b>115</b>	<b>47</b>
<b>Water Supply Stoppage</b>									
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	148	2	1	50	40	9	—	—
<b>Flush Toilet Breakdowns</b>									
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	1 286	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	378	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	—
<b>Sewage Disposal Breakdowns</b>									
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 .....	58	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	48	6
With breakdowns in last 3 months .....	257	181	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 .....	8	9	—	—	—	—	—	—	—
<b>Heating Problems</b>									
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 <sup>1</sup> .....	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	208	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	—	—
<b>Electric Fuses and Circuit Breakers</b>									
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	28 612	316	87	10 931	9 622	1 160	103	45
With fuses or breakers blown in last 3 mo. ....	5 875	4 485	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	851	15	2	267	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	—

<sup>1</sup>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--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> -----	<b>44 262</b>	<b>31 385</b>	<b>365</b>	<b>102</b>	<b>12 410</b>	<b>10 883</b>	<b>1 365</b>	<b>115</b>	<b>47</b>
<b>Selected Amenities<sup>1</sup></b>									
Porch, deck, balcony, or patio -----	36 151	25 266	251	74	10 561	9 439	1 024	87	12
Not reported -----	62	59	-	-	3	-	-	-	-
Telephone available -----	42 310	30 120	328	94	11 788	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	-	-	-	-
Garage or carport not reported -----	82	54	-	1	27	27	-	-	-
<b>Cars and Trucks Available<sup>1</sup></b>									
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
<b>Owner or Manager on Property</b>									
Rental, multiunit <sup>2</sup> -----	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	-	-	-
<b>Selected Deficiencies<sup>1</sup></b>									
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
<b>Water Leakage During Last 12 Months</b>									
No leakage from inside structure -----	39 410	27 820	308	85	11 197	9 890	1 164	104	39
With leakage from inside structure <sup>1</sup> -----	4 811	3 537	56	17	1 200	983	201	8	8
Fixtures backed up or overflowed -----	1 782	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	88	43
With leakage from outside structure <sup>1</sup> -----	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	10	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	-
<b>Overall Opinion of Structure</b>									
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	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	-
<b>Selected Physical Problems</b>									
<b>Severe physical problems<sup>1</sup></b>									
Plumbing -----	725	554	10	2	160	130	27	3	-
Heating -----	543	408	6	-	129	119	9	1	-
Electric -----	99	80	4	1	14	7	4	3	-
Upkeep -----	24	19	-	-	5	2	3	-	-
Hallways -----	69	52	2	1	14	3	10	-	-
-----	3	3	-	-	-	-	-	-	-
<b>Moderate physical problems<sup>1</sup></b>									
Plumbing -----	1 356	1 048	13	1	294	132	120	19	24
Heating -----	80	63	1	-	16	6	2	8	-
Upkeep -----	431	324	2	-	104	33	67	4	-
Hallways -----	626	515	5	1	106	50	48	7	-
-----	9	-	-	-	-	-	-	-	-
Kitchen -----	270	185	5	-	80	42	12	3	24

<sup>1</sup>Figures may not add to total because more than one category may apply to a unit.<sup>2</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>44 262</b>	<b>31 385</b>	<b>365</b>	<b>102</b>	<b>12 410</b>	<b>10 883</b>	<b>1 365</b>	<b>115</b>	<b>47</b>
<b>Overall Opinion of Neighborhood</b>									
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	258	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	48	14
No neighborhood .....	235	145	5	1	84	72	9	3	-
Not reported .....	351	244	3	4	99	68	23	8	-
<b>Neighborhood Conditions</b>									
With neighborhood .....	43 678	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 <sup>1</sup> .....	15 632	11 175	134	45	4 278	3 744	487	30	17
Crime .....	2 039	1 562	10	6	417	38	38	1	5
Noise .....	3 026	2 263	43	6	714	616	86	8	4
Traffic .....	3 291	2 528	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	-	-	-
<b>Description of Area Within 300 Feet<sup>1</sup></b>									
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
<b>Age of Other Residential Buildings Within 300 Feet</b>									
Older .....	456	291	5	1	160	160	-	-	-
About the same .....	6 381	4 322	222	22	1 815	1 795	-	15	5
Newer .....	196	150	20	2	26	26	-	-	-
Very mixed .....	848	612	42	2	192	185	-	7	-
No other residential buildings .....	346	207	24	1	115	111	-	-	-
Not reported .....	449	240	40	1	168	163	-	1	4
<b>Mobile Homes in Group</b>									
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 .....	-	-	-	-	-	-	-	-	-
<b>Other Buildings Vandalized or With Interior Exposed</b>									
None .....	7 773	5 276	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
<b>Bars on Windows of Buildings</b>									
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	-	-	-
<b>Condition of Streets</b>									
No repairs needed .....	6 684	4 454	241	21	1 968	1 945	-	17	6
Minor repairs needed .....	1 262	960	58	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
<b>Trash, Litter, or Junk on Streets or any Properties</b>									
None .....	6 876	4 522	244	22	2 089	2 066	-	18	6
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

<sup>1</sup>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--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Population in housing units .....	119 591	64 118	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
<b>Persons</b>									
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	49	24	2 298	2 029	223	43	4
4 persons .....	7 562	5 044	39	13	2 457	2 264	194	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	—
<b>Number of Single Children Under 18 Years Old</b>									
None .....	27 087	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 .....	6 853	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	—
<b>Persons 65 Years Old and Over</b>									
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	—	—
<b>Age of Householder</b>									
Under 25 years .....	1 567	956	32	6	573	469	85	19	—
25 to 29 .....	3 484	2 074	46	8	1 357	1 188	152	16	—
30 to 34 .....	5 138	3 088	62	15	1 873	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 .....	3 825	3 183	33	8	700	554	133	13	1
Median .....	47	50	42	47	41	41	43	40	—
<b>Household Composition by Age of Householder</b>									
2-or-more person households .....	35 084	24 639	227	86	10 133	9 030	989	81	33
Married-couple families, no nonrelatives .....	28 190	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 .....	1 882	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
<b>Adults and Single Children Under 18 Years Old</b>									
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	381	38	4
One child under 6 only .....	1 848	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	789	12	3	578	521	51	7	—
Two or more under 6, one or more 6 to 17 .....	844	442	2	3	167	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	—	—
One under 6, one or more 6 to 17 .....	292	174	7	1	111	103	6	—	—
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	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	18	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—					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
<b>Own Never Married Children Under 18 Years Old</b>										
No own children under 18 years .....	28 469	21 201	280	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	38	7	1 548	1 383	146	19	—	
1 .....	2 306	1 383	21	4	918	813	92	13	—	
2 .....	1 298	744	13	3	538	485	50	3	—	
3 or more .....	1 226	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	—	
<b>Persons Other Than Spouse or Children<sup>1</sup></b>										
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	—	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	485	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	—	—	
<b>Years of School Completed by Householder</b>										
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	—	
<b>Year Householder Moved Into Unit</b>										
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	—	
<b>Household Moves and Formation in Last Year</b>										
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	258	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	—	—	—	—	
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	—	—	—	—	

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>44 262</b>	<b>31 385</b>	<b>365</b>	<b>102</b>	<b>12 410</b>	<b>10 883</b>	<b>1 365</b>	<b>115</b>	<b>47</b>
<b>Household Income</b>									
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	81	4	—
\$35,000 to \$39,999 .....	2 708	1 911	31	10	756	669	74	10	3
\$40,000 to \$49,999 .....	4 821	3 387	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	1 814	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	8	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	48	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
<b>Income of Families and Primary Individuals</b>									
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	2 268	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	2 578	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 .....	1 407	1 761	7	5	812	809	—	3	—
\$100,000 to \$119,999 .....	1 457	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	—
<b>Income Sources of Families and Primary Individuals</b>									
Wages and salaries .....	33 347	22 894	262	82	10 110	9 043	959	84	14
Wages and salaries were majority of income 2 or more people each earned over 20% of wages and salaries .....	29 979	20 347	236	75	9 320	8 363	861	82	14
Business, farm, or ranch .....	12 336	8 314	63	37	3 923	3 616	272	29	5
Social security or pensions .....	5 392	3 832	51	20	1 490	1 363	103	24	—
Interest .....	13 119	10 472	87	28	2 534	2 098	392	23	20
Stock dividend(s) .....	22 581	18 509	153	47	5 872	5 512	313	39	8
Rental income .....	9 488	6 694	44	15	2 735	2 616	94	21	4
Rental income With lodger(s) .....	5 195	3 619	98	14	1 463	1 322	112	9	20
Welfare or SSI .....	1 611	1 158	25	1	427	288	118	10	11
Alimony or child support .....	1 968	1 314	30	4	640	556	75	9	—
Other .....	6 348	4 549	64	15	1 720	1 413	268	21	18
<b>Amount of Savings and Investments</b>									
Income of \$25,000 or less .....	15 973	11 830	191	37	3 915	2 875	938	61	43
No savings or investments .....	7 678	5 399	114	18	2 147	1 404	657	52	34
\$25,000 or less .....	4 718	3 668	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	—
<b>Food Stamps</b>									
Income of \$25,000 or less .....	15 973	11 830	191	37	3 915	2 875	938	61	43
Family members received food stamps .....	1 999	1 402	35	2	560	315	229	16	—
Did not receive food stamps .....	12 841	9 657	141	26	3 022	2 260	676	43	43
Not reported .....	1 133	777	15	9	333	300	32	1	—
<b>Rent Reductions</b>									
No subsidy or income reporting .....	10 657	7 438	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	538	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	358	—	—	146	146	—	—	—
Other, Federal subsidy .....	516	361	5	3	148	123	14	1	9
Other, State or local subsidy .....	158	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--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>44 262</b>	<b>31 385</b>	<b>365</b>	<b>102</b>	<b>12 410</b>	<b>10 883</b>	<b>1 365</b>	<b>115</b>	<b>47</b>
<b>Monthly Housing Costs</b>									
Less than \$100 .....	425	255	8	--	182	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	407	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	958	70	2	2
\$600 to \$699 .....	3 810	2 775	44	10	981	802	50	9	20
\$700 to \$799 .....	3 082	2 189	24	17	853	635	8	3	7
\$800 to \$899 .....	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	8	3	--
\$1,500 or more .....	3 023	1 680	17	4	1 322	1 306	12	8	4
No cash rent .....	846	641	27	1	177	118	43	8	8
Mortgage payment not reported .....	3 130	2 151	12	6	961	826	34	--	--
Median (excludes no cash rent) .....	597	562	542	702	707	781	297	339	--
<b>Median Monthly Housing Costs For Owners</b>									
Monthly costs including all mortgages plus maintenance costs .....	648	588	670	861	637	916	279	--	--
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs .....	364	306	371	490	536	616	100	--	--
<b>Monthly Housing Costs as Percent of Current Income</b>									
Less than 5 percent .....	979	746	9	2	221	149	62	10	--
5 to 9 percent .....	4 066	3 208	19	8	850	663	178	11	--
10 to 14 percent .....	5 936	4 400	42	13	1 481	1 281	184	28	--
15 to 19 percent .....	6 732	4 735	31	16	1 950	1 744	200	6	4
20 to 24 percent .....	5 641	3 707	47	16	1 871	1 730	132	5	1
25 to 29 percent .....	4 385	2 983	20	5	1 378	1 234	128	15	2
30 to 34 percent .....	2 968	2 069	30	11	858	776	77	2	2
35 to 39 percent .....	1 925	1 334	25	4	563	490	62	10	4
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	38	1	--
70 to 99 percent .....	1 191	868	15	1	307	244	40	8	15
100 percent or more <sup>1</sup> .....	1 481	1 071	16	7	367	314	44	8	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	826	34	--	--
Median (excludes 3 previous lines) .....	22	21	28	22	23	23	20	18	--
Median (excludes 4 lines before medians) .....	21	21	28	21	22	23	20	18	--
<b>Nonrelatives' Shared Housing Costs</b>									
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 .....	248	144	2	1	98	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	--	--
<b>Monthly Cost Paid for Electricity</b>									
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 .....	10 378	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	2 287	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	860	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	2 611	118	18	823	660	94	36	33
<b>Monthly Cost Paid for Piped Gas</b>									
Piped gas used .....	26 828	20 569	231	81	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	4 181	24	12	898	856	34	3	5
\$75 to \$99 .....	1 947	1 614	17	5	311	304	5	2	4
\$100 to \$149 .....	906	733	20	7	148	139	3	--	--
\$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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>OWNER OCCUPIED UNITS—Con.</b>									
<b>Condominium and Cooperative Fee</b>									
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	---	---	---
<b>Other Housing Costs Per Month</b>									
Homeowner association fee paid .....	1 484	782	--	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 .....	---	---	---	---	---	---	---	---	---

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	32 138	22 881	114	64	9 080	8 060	980	33	6
<b>Value</b>									
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	1 158	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	1 080	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	-	-
<b>Value-Income Ratio</b>									
Less than 1.5 .....	7 748	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	1 188	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-	-	-
<b>Other Activities on Property<sup>1</sup></b>									
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
<b>Year Unit Acquired</b>									
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	1988	1983	-	-
<b>First Time Owners</b>									
First home ever owned .....	13 078	10 220	35	30	2 792	2 338	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	-	-
<b>Purchase Price</b>									
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	-
<b>Major Source of Down Payment</b>									
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	58	5	-	-
Borrowing, other than mortgage on this property .....	810	618	2	1	191	136	45	9	-
Inheritance or gift .....	625	486	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	-	-

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>32 138</b>	<b>22 881</b>	<b>114</b>	<b>64</b>	<b>9 080</b>	<b>8 060</b>	<b>980</b>	<b>33</b>	<b>6</b>
<b>Mortgages Currently on Property</b>									
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	—	—
<b>OWNERS WITH ONE OR MORE MORTGAGES</b>									
<b>Total</b> .....	<b>20 939</b>	<b>13 997</b>	<b>68</b>	<b>45</b>	<b>6 828</b>	<b>6 509</b>	<b>303</b>	<b>9</b>	<b>6</b>
<b>Type of Primary Mortgage</b>									
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	—	—
<b>Lower Cost State and Local Mortgages</b>									
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	—	—
<b>Mortgage Origination</b>									
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	4 188	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	1 778	14	6	447	434	8	—	4
Origin not reported .....	587	410	5	2	170	150	20	—	—
<b>Payment Plan of Primary Mortgage</b>									
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	—
<b>Payment Plan of Secondary Mortgage</b>									
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	328	6	—	4
Adjustable rate mortgage .....	268	224	2	1	40	38	2	—	—
Adjustable term mortgage .....	46	29	—	—	16	18	—	—	—
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	—	—
<b>Lenders of Primary and Secondary Mortgages</b>									
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) .....	264	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	8	—	—	—	—	—	—	—
One or both sources not reported .....	1 436	1 106	9	3	317	302	16	—	—
<b>Items Included in Primary Mortgage Payment<sup>1</sup></b>									
Principal and interest only .....	7 198	4 771	26	11	2 388	2 165	216	8	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	—	—
<b>Year Primary Mortgage Originated</b>									
1990 to 1994 .....	10 503	6 119	21	18	4 345	4 181	180	3	—
1985 to 1989 .....	4 873	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 .....	26	18	9	1	—	—	—	—	—
1949 or earlier .....	4	—	2	2	—	—	—	—	—
Not reported .....	755	553	7	2	193	175	18	—	—
Median .....	1985	1982	1978	—	1987	1987	1988	—	—



**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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>OWNERS WITH ONE OR MORE MORTGAGES—Con.</b>									
<b>Term of Primary Mortgage at Origination or Assumption</b>									
Less than 8 years .....	383	158	-	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	-	-
<b>Remaining Years Mortgaged</b>									
Less than 8 years .....	2 444	1 778	7	7	853	484	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	18	-	-
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-	-	-
<b>Current Interest Rate</b>									
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 .....	4 378	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	7.8	-	8.2	8.1	9.9	-	-
<b>Total Outstanding Principal Amount</b>									
Less than \$10,000 .....	842	878	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	3	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 \$89,999 .....	1 024	459	-	2	563	561	2	-	-
\$100,000 to \$119,999 .....	668	307	3	-	359	358	1	-	-
\$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 .....	58 622	43 953	21 514	-	78 151	77 841	10000-	-	-
<b>Current Total Loan as Percent of Value</b>									
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	-
40 to 59 .....	1 517	936	5	1	575	555	20	-	2
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	-	-

\*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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>32 138</b>	<b>22 881</b>	<b>114</b>	<b>64</b>	<b>9 080</b>	<b>8 060</b>	<b>980</b>	<b>33</b>	<b>6</b>
<b>Repairs, Improvements, Alterations in Last 2 Years</b>									
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	278	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	218	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	18	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	385	-	-	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 .....	458	398	2	1	55	48	8	-	-
Costing less than \$500 .....	1 114	901	10	3	201	151	47	3	-
Cost not reported .....	558	452	7	2	95	88	8	-	-
Insulation added not reported .....	329	248	5	1	78	66	9	-	-
Other major work <sup>1</sup> .....	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	83	3	-
Workers not reported .....	188	128	5	1	55	47	8	-	-
Other major work not reported .....	371	254	7	1	109	100	9	-	-
<b>Government Subsidy for Repairs</b>									
Units with major repairs the last 2 years .....	16 308	12 845	59	38	3 368	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	-	-

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	21 268	15 454	154	57	5 603	3 881	1 485	193	44
<b>Tenure</b>									
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
<b>Race and Origin</b>									
White .....	19 531	14 257	138	52	5 064	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	-
<b>Units in Structure</b>									
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	6
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	-	-
<b>Cooperatives and Condominiums</b>									
Cooperatives .....	32	19	-	-	13	9	3	-	-
Condominiums .....	173	89	-	-	85	63	-	2	-
<b>Year Structure Built<sup>1</sup></b>									
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	618	-	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	-
<b>Metropolitan/Nonmetropolitan Areas</b>									
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
<b>Regions</b>									
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	-
<b>Urbanized Areas</b>									
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
<b>Place Size<sup>2</sup></b>									
Less than 2,500 persons .....	2 672	2 378	30	8	458	300	137	15	4
2,500 to 8,999 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 .....	-	-	-	-	-	-	-	-	-

<sup>1</sup>For mobile home, oldest category is 1939 or earlier.<sup>2</sup>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--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>21 268</b>	<b>15 454</b>	<b>154</b>	<b>57</b>	<b>5 603</b>	<b>3 881</b>	<b>1 485</b>	<b>193</b>	<b>44</b>
<b>Stories in Structure</b>									
1 .....	486	288	22	6	170	160	--	8	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	8	1	48	18	--	21	10
7 or more .....	22	14	--	--	8	8	--	--	--
Not reported .....	--	--	--	--	--	--	--	--	--
<b>Stories Between Main and Apartment Entrances</b>									
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
<b>Common Stairways</b>									
Multiunits, 2 or more floors .....	1 790	1 171	132	7	480	393	--	52	35
No common stairways .....	568	338	80	1	152	136	--	18	--
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	8	--	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 .....	288	195	24	2	77	64	--	--	13
<b>Light Fixtures in Public Halls</b>									
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	--	10	1
Unable to determine if working .....	200	148	8	1	45	35	--	10	--
Not reported .....	350	229	28	2	91	78	--	--	13
<b>Elevator on Floor</b>									
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
<b>Foundation</b>									
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 .....	--	--	--	--	--	--	--	--	--
<b>External Building Conditions<sup>1</sup></b>									
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	1	--	--	--	--	--	--
Slipping outside walls .....	9	7	2	--	--	--	--	--	--
Boarded up windows .....	13	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
<b>Site Placement</b>									
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	--	--
<b>Previous Occupancy</b>									
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	--	--

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>21 268</b>	<b>15 454</b>	<b>154</b>	<b>57</b>	<b>5 603</b>	<b>3 881</b>	<b>1 485</b>	<b>193</b>	<b>44</b>
<b>Rooms</b>									
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	3
7 rooms .....	2 829	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	...
<b>Bedrooms</b>									
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	...
<b>Complete Bathrooms</b>									
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
<b>Square Footage of Unit</b>									
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	...
<b>Lot Size</b>									
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	1 582	-	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	...
<b>Persons Per Room</b>									
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	-
<b>Square Feet Per Person</b>									
Single detached and mobile homes .....	18 532	13 685	-	44	4 802	3 192	1 485	120	5
Less than 200 .....	583	352	-	-	230	89	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 .....	870	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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>21 268</b>	<b>15 454</b>	<b>154</b>	<b>57</b>	<b>5 603</b>	<b>3 881</b>	<b>1 485</b>	<b>193</b>	<b>44</b>
<b>Equipment<sup>1</sup></b>									
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 .....	287	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	2 058	1 698	293	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	108	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	—	—
<b>Air conditioning:</b>									
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	813	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	—	—
<b>Main Heating Equipment</b>									
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	768	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 .....	1 718	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	—	—
<b>Other Heating Equipment</b>									
With other heating equipment <sup>1</sup> .....	7 421	5 863	48	19	1 691	1 248	398	45	—
Warm-air furnace .....	553	388	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	18	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	—	—
<b>Plumbing</b>									
With all plumbing facilities .....	20 924	15 207	150	55	5 512	3 822	1 467	183	40
Lacking some plumbing facilities <sup>1</sup> .....	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	6	4	—	—
No plumbing facilities for exclusive use .....	273	204	2	2	65	49	5	6	5
<b>Source of Water</b>									
Public system or private company .....	15 008	11 189	127	51	3 840	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	1 028	490	49	—
Dug .....	654	437	2	—	215	128	84	3	—
Not reported .....	210	161	2	—	47	27	17	3	—
Other .....	458	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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Means of Sewage Disposal</b>									
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	-	-

\*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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>21 268</b>	<b>15 454</b>	<b>154</b>	<b>57</b>	<b>5 603</b>	<b>3 881</b>	<b>1 485</b>	<b>193</b>	<b>44</b>
<b>Main House Heating Fuel</b>									
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	68	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	—	—
Wood .....	2 249	1 674	13	3	559	352	181	16	—
Solar energy .....	13	4	—	—	9	6	3	—	—
Other .....	73	57	2	—	14	8	6	—	—
<b>Other House Heating Fuels</b>									
With other heating fuels <sup>1</sup> .....	5 873	4 318	31	17	1 307	942	330	34	1
Electricity .....	1 731	1 360	11	4	355	238	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 .....	2 841	1 983	10	13	638	531	96	9	—
Solar energy .....	24	19	—	—	4	4	—	—	—
Other .....	76	56	—	—	20	12	9	—	—
Not reported .....	174	136	4	—	34	31	3	—	—
<b>Cooking Fuel</b>									
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	—	—
<b>Water Heating Fuel</b>									
With hot piped water .....	21 174	15 383	154	57	5 579	3 870	1 476	189	44
Electricity .....	10 838	7 110	52	25	3 849	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	—	—
<b>Central Air Conditioning Fuel</b>									
With central air conditioning .....	7 400	4 958	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	—
<b>Clothes Dryer Fuel</b>									
With clothes dryer .....	18 874	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	—
<b>Units Using Each Fuel<sup>1</sup></b>									
Electricity .....	21 249	15 440	154	57	5 587	3 878	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	—	—

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	21 268	15 454	154	57	5 603	3 881	1 485	193	44
<b>Water Supply Stoppage</b>									
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 .....	38	33	-	-	2	2	-	-	-
Stoppage not reported .....	117	72	2	1	41	16	23	-	2
<b>Flush Toilet Breakdowns</b>									
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	18	11	-	-
Breakdowns not reported .....	74	55	-	1	18	15	3	-	-
<b>Sewage Disposal Breakdowns</b>									
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	-	-
<b>Heating Problems</b>									
With heating equipment and occupied last winter .....	19 469	14 337	99	56	4 878	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 <sup>1</sup> .....	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 .....	889	709	6	5	269	173	93	3	-
Utility interruption .....	484	323	-	1	160	118	41	-	-
Inadequate heating capacity .....	171	146	2	1	21	5	16	-	-
Inadequate insulation .....	111	87	-	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	-	-
<b>Electric Fuses and Circuit Breakers</b>									
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	1 108	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

<sup>1</sup>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
<b>Total</b> .....	<b>21 288</b>	<b>15 454</b>	<b>154</b>	<b>57</b>	<b>5 603</b>	<b>3 881</b>	<b>1 485</b>	<b>193</b>	<b>44</b>
<b>Selected Amenities<sup>1</sup></b>									
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	—	—
<b>Cars and Trucks Available<sup>1</sup></b>									
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 .....	4 896	3 654	29	11	1 302	1 020	236	44	—
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	5 893	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
<b>Owner or Manager on Property</b>									
Rental, multiunit <sup>2</sup> .....	2 276	1 459	154	13	650	553	—	58	39
Owner or manager lives on property .....	560	309	48	—	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
<b>Selected Deficiencies<sup>1</sup></b>									
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	—
<b>Water Leakage During Last 12 Months</b>									
No leakage from inside structure .....	19 084	13 839	141	49	5 055	3 509	1 328	176	42
With leakage from inside structure <sup>1</sup> .....	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 <sup>1</sup> .....	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	—	—	—
<b>Overall Opinion of Structure</b>									
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	3 868	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	1 824	460	67	27
Not reported .....	188	121	3	1	64	38	26	—	—
<b>Selected Physical Problems</b>									
Severe physical problems <sup>1</sup> .....	430	318	6	2	106	64	27	10	5
Plumbing .....	344	247	4	2	91	59	18	10	5
Heating .....	24	18	2	—	5	5	—	—	—
Electric .....	32	26	—	—	6	6	—	—	—
Upkeep .....	50	40	—	—	10	—	10	—	—
Hallways .....	—	—	—	—	—	—	—	—	—
Moderate physical problems <sup>1</sup> .....	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	—

<sup>1</sup>Figures may not add to total because more than one category may apply to a unit.  
<sup>2</sup>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—				
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	21 268	15 454	154	57	5 603	3 881	1 485	193	44
<b>Overall Opinion of Neighborhood</b>									
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	108	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	1 785	657	67	31
No neighborhood .....	474	301	-	-	172	99	71	2	-
Not reported .....	225	135	9	-	81	50	31	-	-
<b>Neighborhood Conditions</b>									
With neighborhood .....	20 569	15 018	148	57	5 349	3 732	1 382	191	44
No problems .....	14 248	10 345	100	38	3 764	2 581	1 028	142	35
With problems <sup>1</sup> .....	6 270	4 640	45	19	1 586	1 155	353	48	9
Crime .....	428	308	4	1	113	97	16	-	-
Noise .....	1 165	860	15	6	283	183	79	20	2
Traffic .....	1 221	961	15	5	239	184	52	23	-
Litter or housing deterioration .....	742	634	-	3	105	76	26	1	2
Poor city or county services .....	212	136	-	-	78	65	9	2	-
Undesirable commercial, institutional, industrial .....	299	238	-	1	82	20	35	8	2
People .....	2 266	1 680	18	11	557	420	117	18	4
Other .....	1 641	1 103	6	2	530	435	84	6	1
Type of problem not reported .....	136	92	-	1	42	31	11	-	-
Presence of problems not reported .....	52	32	-	1	19	16	3	-	-
<b>Description of Area Within 300 Feet<sup>1</sup></b>									
Single-family detached houses .....	1 070	744	88	7	231	173	-	31	28
Only single-family detached .....	-	-	-	-	-	-	-	-	-
Single-family attached or 1 to 3 story multunit .....	1 188	725	55	7	410	362	-	37	11
4 to 6 story multunit .....	76	44	1	-	32	10	-	21	-
7 stories or more multunit .....	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	287	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
<b>Age of Other Residential Buildings Within 300 Feet</b>									
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
<b>Mobile Homes In Group</b>									
Mobile homes .....	3 040	398	-	-	2 645	1 223	1 422	-	-
1 to 6 .....	2 417	277	-	-	2 141	977	1 164	-	-
7 to 20 .....	207	26	-	-	179	74	105	-	-
21 or more .....	411	91	-	-	320	172	148	-	-
Not reported .....	4	-	-	-	4	-	4	-	-
<b>Other Buildings Vandalized or With Interior Exposed</b>									
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
<b>Bars on Windows of Buildings</b>									
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	8	-	-	2	2	-	-	-
Not reported .....	12	7	-	-	4	4	-	-	-
<b>Condition of Streets</b>									
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
<b>Trash, Litter, or Junk on Streets or any Properties</b>									
None .....	1 530	949	85	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

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Population in housing units</b>	<b>54 017</b>	<b>38 909</b>	<b>368</b>	<b>184</b>	<b>14 555</b>	<b>10 432</b>	<b>3 610</b>	<b>458</b>	<b>55</b>
<b>Total</b>	<b>21 268</b>	<b>15 454</b>	<b>154</b>	<b>57</b>	<b>5 603</b>	<b>3 881</b>	<b>1 485</b>	<b>193</b>	<b>44</b>
<b>Persons</b>									
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	—
<b>Number of Single Children Under 18 Years Old</b>									
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	168	35	—
3	1 118	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	1.5	1.5	1.5	1.7	1.5	1.5	1.5	1.5	—
<b>Persons 65 Years Old and Over</b>									
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	—
<b>Age of Householder</b>									
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	682	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	—
<b>Household Composition by Age of Householder</b>									
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	258	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	668	412	218	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	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	68	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	58	—	—
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—					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
<b>Adults and Single Children Under 18 Years Old</b>										
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 .....	521	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 .....	187	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	—	—	—	
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 .....	88	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	184	81	19	1	
Total households with no children .....	13 578	10 221	93	26	3 238	2 199	891	108	41	
Married couples .....	8 829	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	676	405	46	41	
<b>Own Never Married Children Under 18 Years Old</b>										
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 .....	728	478	11	1	236	165	71	—	—	
<b>Persons Other Than Spouse or Children<sup>1</sup></b>										
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 .....	18	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	—	—	
<b>Years of School Completed by Householder</b>										
No school years completed .....	96	79	2	—	15	—	15	—	—	
Elementary .....	—	—	—	—	—	—	—	—	—	
less than 8 years .....	1 258	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	—	
<b>Year Householder Moved Into Unit</b>										
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	78	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	8	4	1	1	—	—	—	
1939 or earlier .....	—	289	—	—	3	—	—	—	—	
Median .....	1979	1976	1978	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
<b>Household Moves and Formation in Last Year</b>									
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	4	-
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	-	-	-	-	-	-	-

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	<b>21 268</b>	<b>15 454</b>	<b>154</b>	<b>57</b>	<b>5 603</b>	<b>3 881</b>	<b>1 485</b>	<b>193</b>	<b>44</b>
<b>Household Income</b>									
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	1 481	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	-	-	-
<b>Median</b> .....	<b>24 706</b>	<b>24 883</b>	<b>16 700</b>	<b>33 677</b>	<b>24 475</b>	<b>29 502</b>	<b>15 838</b>	<b>22 711</b>	<b>...</b>
<b>As percent of poverty level:</b>									
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
<b>Income of Families and Primary Individuals</b>									
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	-	-	-
<b>Median</b> .....	<b>24 059</b>	<b>24 249</b>	<b>16 203</b>	<b>33 677</b>	<b>23 760</b>	<b>28 932</b>	<b>15 408</b>	<b>20 595</b>	<b>...</b>
<b>Income Sources of Families and Primary Individuals</b>									
Wages and salaries .....	14 275	10 134	124	44	3 974	2 802	1 031	132	8
Wages and salaries were majority of income 2 or more people each earned over 20% of wages and salaries .....	12 328	8 669	103	38	3 519	2 459	927	125	8
Business, farm, or ranch .....	4 861	3 484	13	19	1 346	1 034	261	51	-
Social security or pensions .....	3 680	2 748	18	6	909	694	162	49	4
Interest .....	7 974	6 253	34	20	1 667	1 152	431	48	37
Stock dividend(s) .....	9 194	7 065	29	29	2 071	1 720	300	31	20
Rental income .....	2 991	2 199	4	5	782	693	60	27	2
With lodger(s) .....	2 299	1 736	38	12	512	406	74	30	2
Welfare or SSI .....	1 454	992	25	5	431	234	166	31	-
Alimony or child support .....	996	664	15	9	307	210	87	-	-
Other .....	2 778	1 961	27	6	785	559	201	19	5
<b>Amount of Savings and Investments</b>									
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	789	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	82	49	3	-
Not reported .....	975	690	8	-	276	207	51	11	7
<b>Food Stamps</b>									
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
<b>Rent Reductions</b>									
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	6	-	113	94	18	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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	21 268	15 454	154	57	5 603	3 881	1 485	193	44
<b>Monthly Housing Costs</b>									
Less than \$100 .....	761	468	4	-	288	119	154	10	4
\$100 to \$199 .....	4 331	3 281	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	298	198	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 \$899 .....	863	571	11	7	274	260	2	12	-
\$900 to \$999 .....	436	263	4	8	161	145	6	9	-
\$1,000 to \$1,249 .....	219	140	-	1	78	78	-	-	-
\$1,250 to \$1,499 .....	193	107	-	-	86	86	-	-	-
\$1,500 or more .....	816	611	6	1	197	92	96	7	3
No cash rent .....	975	689	-	3	262	240	34	9	-
Mortgage payment not reported .....	327	317	370	530	352	427	223	296	-
Median (excludes no cash rent) .....									
<b>Median Monthly Housing Costs For Owners</b>									
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	-
<b>Monthly Housing Costs as Percent of Current Income</b>									
Less than 5 percent .....	869	583	-	2	285	193	85	6	4
5 to 9 percent .....	2 979	2 265	-	5	709	462	213	30	5
10 to 14 percent .....	3 423	2 585	17	11	809	556	221	38	4
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	5
25 to 29 percent .....	1 739	1 195	15	2	527	405	112	7	5
30 to 34 percent .....	1 028	703	11	9	304	211	80	8	5
35 to 39 percent .....	783	545	10	4	224	147	51	26	2
40 to 49 percent .....	906	629	16	1	260	188	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 <sup>1</sup> .....	545	397	7	5	136	90	38	8	-
Zero or negative income .....	242	163	-	-	80	36	40	3	-
No cash rent .....	818	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	-
<b>Nonrelatives' Shared Housing Costs</b>									
Nonrelatives in housing units .....	554	379	13	1	181	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	-	-	-
<b>Monthly Cost Paid for Electricity</b>									
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	679	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
<b>Monthly Cost Paid for Piped Gas</b>									
Piped gas used .....	9 327	7 769	93	33	1 432	958	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	1 821	15	9	176	132	44	4	-
\$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	-	-	-
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--					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
<b>Average Monthly Cost Paid for Fuel Oil</b>										
Fuel oil used .....	2 977	2 548	28	11	391	253	88	45	5	
Less than \$25 .....	372	314	4	1	54	31	23	—	—	
\$25 to \$49 .....	922	780	3	—	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	—	
<b>Property Insurance</b>										
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	—	
<b>Monthly Costs Paid for Selected Utilities and Fuels</b>										
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	—	—	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	—	—	
<b>OWNER OCCUPIED UNITS</b>										
Total .....	15 820	11 555	30	48	4 188	3 051	1 034	99	4	
<b>Cost and Ownership Sharing</b>										
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	69	—	
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	69	—	
Cost sharing not reported .....	39	34	—	—	6	6	—	—	—	
Ownership sharing not reported .....	151	103	—	—	48	40	3	—	4	
<b>Monthly Payment for Principal and Interest</b>										
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	217	27	3	—	
\$250 to \$299 .....	755	532	2	2	218	173	42	3	—	
\$300 to \$349 .....	671	471	4	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	6	2	—	
\$600 to \$699 .....	389	227	2	5	155	146	6	4	—	
\$700 to \$799 .....	192	131	—	2	59	53	—	4	—	
\$800 to \$999 .....	225	120	—	3	102	99	3	6	—	
\$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	—	—	387	398	220	—	—	
<b>Average Monthly Cost Paid for Real Estate Taxes</b>										
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	1 198	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	—	
<b>Annual Taxes Paid Per \$1,000 Value</b>										
Less than \$5 .....	3 323	2 325	—	6	992	668	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	—	
<b>Routine Maintenance in Last Year</b>										
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	82	—	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
<b>OWNER OCCUPIED UNITS—Con.</b>									
<b>Condominium and Cooperative Fee</b>									
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 .....	--	4	--	--	--	--	--	--	--
\$200 or more per month .....	4	5	--	--	3	3	--	--	--
Not reported .....	7	5	--	--	3	3	--	--	--
Median .....	74	--	--	--	--	--	--	--	--
<b>Other Housing Costs Per Month</b>									
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 .....	--	--	--	--	--	--	--	--	--

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	15 820	11 555	30	48	4 188	3 051	1 034	99	4
<b>Value</b>									
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	98	86	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 .....	658	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	--	--
<b>Value-Income Ratio</b>									
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	--
<b>Other Activities on Property<sup>1</sup></b>									
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	4 065	2 994	1 001	85	4
<b>Year Unit Acquired</b>									
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	3	--
1950 to 1959 .....	1 053	1 039	7	4	3	--	--	4	--
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	--
<b>First Time Owners</b>									
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
<b>Purchase Price</b>									
Home purchased or built .....	14 890	10 733	25	47	4 066	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	181	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	--	8	--
\$100,000 to \$119,999 .....	253	121	--	--	132	132	--	3	--
\$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
<b>Major Source of Down Payment</b>									
Home purchased or built .....	14 890	10 733	25	47	4 066	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	--

<sup>1</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	15 820	11 555	30	48	4 188	3 051	1 034	99	4
<b>Mortgages Currently on Property</b>									
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	-	-
<b>OWNERS WITH ONE OR MORE MORTGAGES</b>									
<b>Total</b> .....	7 320	5 066	18	30	2 206	1 896	270	40	-
<b>Type of Primary Mortgage</b>									
FHA .....	579	460	-	1	118	110	4	3	-
VA .....	344	281	-	3	60	57	4	-	-
Farmers Home Administration .....	243	183	2	-	58	50	-	-	-
Other types .....	5 887	3 968	15	25	1 879	1 591	251	37	-
Don't know .....	88	58	-	1	38	31	7	-	-
Not reported .....	169	117	-	-	52	48	4	-	-
<b>Lower Cost State and Local Mortgages</b>									
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	-	-
<b>Mortgage Origination</b>									
Placed new mortgage(s) .....	6 438	4 405	15	28	1 990	1 711	245	34	-
Primary obtained when property acquired .....	4 584	2 944	4	15	1 821	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	-	-	-	-	-	6	-
Combination of the above .....	476	372	-	3	101	83	11	-	-
Origin not reported .....	118	85	-	-	33	31	2	-	-
<b>Payment Plan of Primary Mortgage</b>									
Fixed payment, self amortizing .....	5 362	3 711	13	22	1 816	1 415	170	32	-
Adjustable rate mortgage .....	708	491	2	2	212	212	-	-	-
Adjustable term mortgage .....	23	15	-	-	8	9	3	3	-
Graduated payment mortgage .....	33	24	-	-	9	2	-	-	-
Balloon .....	94	63	-	1	30	30	-	-	-
Other .....	110	83	-	-	27	24	-	3	-
Combination of the above .....	51	33	-	5	17	14	3	3	-
Not reported .....	939	646	2	-	286	190	94	-	-
<b>Payment Plan of Secondary Mortgage</b>									
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	-	-
<b>Lenders of Primary and Secondary Mortgages</b>									
Only borrowed from firm(s) .....	6 437	4 429	18	22	1 968	1 732	209	28	-
Only borrowed from seller .....	380	253	-	4	103	45	50	8	-
Only borrowed from other individual(s) .....	133	96	-	1	36	28	5	5	-
Borrowed from a firm and seller .....	49	32	-	-	16	14	2	-	-
Borrowed from a firm and other individual .....	9	9	-	-	-	-	-	-	-
Borrowed from a firm and other individual .....	7	5	-	2	-	-	-	-	-
Borrowed from seller and other individual .....	326	243	-	1	82	78	4	-	-
One or both sources not reported .....	-	-	-	-	-	-	-	-	-
<b>Items Included in Primary Mortgage Payment<sup>1</sup></b>									
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	8	-
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	-	-
<b>Year Primary Mortgage Originated</b>									
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	-	-	-	-	-
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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>OWNERS WITH ONE OR MORE MORTGAGES—Con.</b>									
<b>Term of Primary Mortgage at Origination or Assumption</b>									
Less than 8 years .....	294	143	-	-	151	64	88	-	-
8 to 12 years .....	447	226	-	-	220	190	25	5	-
13 to 17 years .....	991	496	2	1	489	439	36	14	-
18 to 22 years .....	707	528	2	4	172	168	6	-	-
23 to 27 years .....	339	288	-	-	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	6-	-	-
<b>Remaining Years Mortgaged</b>									
Less than 8 years .....	1 474	1 000	2	4	468	317	149	3	-
8 to 12 .....	1 218	823	4	7	381	333	38	10	-
13 to 17 .....	1 384	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	6-	-	-
<b>Current Interest Rate</b>									
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	383	2	5	192	162	27	3	-
12 to 13.9 .....	185	61	-	-	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	-	-
<b>Total Outstanding Principal Amount</b>									
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	364	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	-	-	-
\$50,000 to \$59,999 .....	240	151	-	2	87	87	-	6	-
\$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	13	-	1	24	24	-	-	-
\$120,000 to \$149,999 .....	58	10	-	-	44	44	-	-	-
\$150,000 to \$199,999 .....	29	8	-	-	18	15	3	-	-
\$200,000 to \$249,999 .....	8	-	-	-	8	8	-	-	-
\$250,000 to \$299,999 .....	3	5	-	-	3	3	-	-	-
\$300,000 or more .....	14	-	-	-	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	-	-
<b>Current Total Loan as Percent of Value</b>									
Less than 20 percent .....	489	426	2	4	57	49	7	-	-
20 to 39 .....	490	377	4	2	107	91	15	-	-
40 to 59 .....	708	471	-	1	236	216	18	3	-
60 to 79 .....	788	525	-	4	269	257	8	5	-
80 to 89 .....	310	143	-	-	187	180	7	-	-
90 to 99 .....	255	110	-	-	145	139	5	-	-
100 percent or more .....	196	94	-	1	101	88	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	-	-

<sup>1</sup>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—			
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
<b>Total</b> .....	15 820	11 555	30	48	4 188	3 051	1 034	99	4
<b>Repairs, Improvements, Alterations in Last 2 Years</b>									
Roof replaced (all or part) .....	2 229	1 942	4	17	268	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	48	4	-
Mostly done by household .....	331	232	-	-	99	63	38	-	-
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	-	-	28	18	3	-	4
Bathroom remodeled or added .....	1 311	1 077	-	10	224	126	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	728	-	5	141	108	33	-	-
Mostly done by household .....	311	259	-	2	50	39	11	-	-
Mostly done by others .....	541	458	-	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	278	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	68	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	8	-
Mostly done by others .....	967	835	-	4	126	86	25	17	-
Workers not reported .....	20	18	-	-	4	2	2	-	-
Costing \$500 or more .....	966	838	-	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	-	-	28	21	3	-	4
Insulation added .....	878	718	2	9	148	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	28	-	-	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 .....	181	133	-	-	28	15	8	-	4
Other major work <sup>1</sup> .....	2 338	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	8	-	-
Other major work not reported .....	137	112	-	-	25	17	3	-	4
<b>Government Subsidy for Repairs</b>									
Units with major repairs the last 2 years ..	6 931	5 591	11	38	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	18	-	-

<sup>1</sup>Includes other major repairs, alterations, or improvements totaling over \$500 each.

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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--				
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	89 272	79 168	463	808	8 833	3 305	3 643	712	786	387
<b>Occupancy Status</b>										
Vacant and seasonals.....	8 369	6 051	30	82	2 206	807	900	147	218	136
Occupied.....	80 903	73 117	432	726	6 627	2 498	2 744	566	570	250
<b>Tenure</b>										
Owner occupied.....	53 003	48 968	287	235	3 513	1 059	2 001	205	178	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
<b>Units In Structure</b>										
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	18	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
<b>Condominiums</b>										
Number of condominiums.....	2 475	2 431	3	8	34	6	3	4	7	14
<b>Year Structure Built</b>										
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	80	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
<b>Duration of Vacancy</b>										
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
<b>Metropolitan/Nonmetropolitan Areas</b>										
Inside metropolitan statistical areas.....	66 861	60 823	370	683	4 985	2 073	1 741	477	449	245
In central cities.....	29 338	28 678	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
<b>Regions</b>										
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
<b>Urbanized Areas</b>										
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	28 308	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	481	148	54	74
Rural.....	22 941	18 488	86	94	4 273	1 218	2 391	207	357	99
<b>Place Size<sup>1</sup></b>										
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	11 148	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	282	130	28	43	47	14
1,000,000 persons or more.....	7 012	6 271	40	144	557	316	12	70	107	52

<sup>1</sup>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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	<b>89 272</b>	<b>79 168</b>	<b>463</b>	<b>808</b>	<b>8 833</b>	<b>3 305</b>	<b>3 643</b>	<b>712</b>	<b>786</b>	<b>387</b>
<b>Stories in Structure</b>										
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
<b>Rooms</b>										
1 room .....	1 465	1 009	14	54	387	160	69	38	30	90
2 rooms .....	3 063	2 461	16	78	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	9 823	64	41	388	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
<b>Bedrooms</b>										
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	1.8	2.0	2.1	2.1	1.8	2.0	1.8
<b>Complete Bathrooms</b>										
None .....	3 173	2 012	26	67	1 067	524	243	70	196	35
1 .....	51 584	44 730	235	588	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



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**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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	<b>89 272</b>	<b>79 168</b>	<b>463</b>	<b>808</b>	<b>8 833</b>	<b>3 305</b>	<b>3 643</b>	<b>712</b>	<b>788</b>	<b>387</b>
<b>Kitchen</b>										
With complete kitchen facilities .....	86 902	77 697	449	762	7 993	2 959	3 468	655	610	302
<b>Air Conditioning</b>										
With air conditioning .....	48 880	44 628	188	337	3 727	1 098	1 913	296	213	208
Central .....	24 384	22 777	38	89	1 460	300	885	109	73	93
1 room unit .....	18 740	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
<b>Main Heating Equipment</b>										
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 .....	3 285	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 .....	8 534	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	38	10	40	9
<b>Plumbing</b>										
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	438	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
<b>Source of Water</b>										
Public system or private company .....	74 671	67 394	412	767	6 097	2 498	2 160	571	538	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	38
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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	29 336	26 678	170	430	2 058	1 108	231	253	313	153
<b>Occupancy Status</b>										
Vacant and seasonals .....	1 926	1 427	17	41	441	279	29	54	53	26
Occupied .....	27 410	25 252	153	389	1 618	829	202	199	259	128
<b>Tenure</b>										
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
<b>Units in Structure</b>										
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	1 847	4	41	211	106	3	38	44	21
10 to 19 .....	1 940	1 738	4	22	176	103	3	11	36	21
20 to 49 .....	1 736	1 587	5	22	122	73	—	14	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	—
<b>Condominiums</b>										
Number of condominiums .....	874	869	1	—	4	—	—	—	2	2
<b>Year Structure Built</b>										
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
<b>Duration of Vacancy</b>										
Vacant units .....	1 872	1 387	17	38	429	277	22	54	53	22
Less than 1 month vacant .....	316	255	2	8	50	29	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	49	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	68	—	10	12	2
<b>Metropolitan/Nonmetropolitan Areas</b>										
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 .....	—	—	—	—	—	—	—	—	—	—
<b>Regions</b>										
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
<b>Urbanized Areas</b>										
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	—	—
<b>Place Size<sup>1</sup></b>										
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

<sup>1</sup>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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	29 336	26 678	170	430	2 058	1 108	231	253	313	153
<b>Stories in Structure</b>										
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
<b>Rooms</b>										
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	82	68	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	-	10
Median .....	4.9	4.9	5.7	3.9	4.0	4.2	4.2	3.8	4.1	2.3
<b>Bedrooms</b>										
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	68	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	1.8	.9
<b>Complete Bathrooms</b>										
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 .....	3 871	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--					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	29 338	28 678	170	430	2 058	1 108	231	253	313	153
<b>Kitchen</b>										
With complete kitchen facilities .....	28 680	26 233	168	414	1 885	1 012	225	230	293	106
<b>Air Conditioning</b>										
With air conditioning .....	16 523	15 488	45	193	799	385	155	119	83	78
Central .....	7 859	7 805	12	49	293	90	82	38	37	45
1 room unit .....	5 787	5 284	18	118	369	197	58	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
<b>Main Heating Equipment</b>										
Warm-air furnace .....	13 484	12 592	63	158	673	330	158	52	97	36
Steam or hot water system .....	7 071	6 300	51	167	553	282	5	89	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	18	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	187	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
<b>Plumbing</b>										
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
<b>Source of Water</b>										
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 .....	28	16	-	-	10	5	2	-	4	-
Other .....	4	2	-	-	2	-	2	-	-	-

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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--					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	37 525	34 145	200	253	2 927	965	1 510	223	137	92
<b>Occupancy Status</b>										
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
<b>Tenure</b>										
Owner occupied .....	25 082	23 401	135	87	1 480	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	263	103	66	34
<b>Units In Structure</b>										
1, detached .....	25 498	24 166	117	59	1 157	657	256	123	80	41
1, attached .....	1 403	1 348	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
<b>Condominiums</b>										
Number of condominiums .....	1 339	1 321	-	8	11	6	-	-	5	-
<b>Year Structure Built</b>										
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	1981	1947	1940	1962	1949	1971	1946	1946	1954
<b>Duration of Vacancy</b>										
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	6
1 year up to 2 years .....	174	134	-	5	35	21	7	-	6	-
2 years or more .....	120	87	-	-	33	18	10	-	5	-
<b>Metropolitan/Nonmetropolitan Areas</b>										
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 .....	...	...	...	...	...	...	...	...	...	...
<b>Regions</b>										
Northeast .....	9 827	9 231	87	124	385	130	170	42	21	22
Midwest .....	8 857	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	8	16
<b>Urbanized Areas</b>										
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	68	25
<b>Place Size<sup>1</sup></b>										
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 .....	3 637	3 637	12	16	134	61	43	14	10	6
100,000 to 249,999 persons .....	1 065	1 016	2	2	37	24	9	2	-	2
250,000 to 499,999 persons .....	-	-	-	-	-	-	-	-	-	-
500,000 to 999,999 persons .....	-	-	-	-	-	-	-	-	-	-
1,000,000 persons or more .....	-	-	-	-	-	-	-	-	-	-

<sup>1</sup>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—		Total	Demolition or disaster	Units lost through—				
			Conversion	Merger			House or mobile home moved out	To nonresidential use	Other means		Other
									Exposed, damaged, or condemned		
<b>Total</b> .....	37 525	34 145	200	253	2 927	965	1 510	223	137	92	
<b>Stories in Structure</b>											
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 .....	397	380	-	8	-	-	-	-	-	-	
<b>Rooms</b>											
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	28	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	
<b>Bedrooms</b>											
None .....	506	387	4	25	89	40	26	8	6	10	
1 .....	4 315	3 678	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	
<b>Complete Bathrooms</b>											
None .....	777	507	-	29	240	143	55	14	20	6	
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	

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**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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	37 525	34 145	200	253	2 927	965	1 510	223	137	92
<b>Kitchen</b>										
With complete kitchen facilities .....	36 911	33 730	197	230	2 754	878	1 487	208	118	85
<b>Air Conditioning</b>										
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
<b>Main Heating Equipment</b>										
Warm-air furnace .....	20 267	18 648	77	78	1 487	308	1 000	87	29	32
Steam or hot water system .....	8 152	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	1 780	14	17	188	83	84	8	11	8
Room heaters with flue .....	1 899	1 541	6	22	329	161	118	20	18	4
Room heaters without flue .....	654	679	-	-	176	94	44	12	22	12
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	-
<b>Plumbing</b>										
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	-
<b>Source of Water</b>										
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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	22 411	18 345	92	125	3 848	1 232	1 902	236	337	141
<b>Occupancy Status</b>										
Vacant and seasonals.....	3 572	2 353	5	10	1 205	382	557	61	142	83
Occupied.....	18 839	15 991	88	116	2 644	871	1 346	175	194	58
<b>Tenure</b>										
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
<b>Units in Structure</b>										
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	48	31	3
5 to 9.....	501	388	11	18	84	47	7	18	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).....	2 298	699	-	-	1 596	130	1 415	17	19	16
<b>Condominiums</b>										
Number of condominiums.....	262	241	2	-	18	-	3	4	-	11
<b>Year Structure Built</b>										
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	872	127	437	26	39	42
1950 to 1959.....	3 081	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.....	6 840	5 761	65	58	1 056	548	195	117	163	34
Median.....	1955	1954	1940	1941	1960	1943	1970	1940	1940	1955
<b>Duration of Vacancy</b>										
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
<b>Metropolitan/Nonmetropolitan Areas</b>										
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
<b>Regions</b>										
Northeast.....	2 670	2 297	24	25	324	109	148	33	12	21
Midwest.....	7 418	6 401	37	48	934	324	403	91	81	34
South.....	9 138	7 098	25	30	1 983	658	985	74	198	70
West.....	3 188	2 548	6	25	607	141	368	37	48	16
<b>Urbanized Areas</b>										
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
<b>Place Size<sup>1</sup></b>										
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.....	-	-	-	-	-	-	-	-	-	-

<sup>1</sup>Figures will not add to total, because all units are not in Places.



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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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	22 411	18 345	92	125	3 848	1 232	1 902	238	337	141
<b>Stories in Structure</b>										
1 to 3 .....	22 277	18 235	92	122	3 828	1 227	1 902	238	334	130
4 to 6 .....	62	51	-	3	8	2	-	-	3	3
7 or more .....	71	59	-	-	12	3	-	-	-	9
<b>Rooms</b>										
1 room .....	288	152	6	5	125	43	41	8	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	48	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	182	72	53	19	10	9
8 rooms .....	1 192	1 098	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
<b>Bedrooms</b>										
None .....	336	186	6	5	138	48	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 .....	2.8	2.7	2.5	1.8	2.1	2.2	2.1	1.9	2.0	1.9
<b>Complete Bathrooms</b>										
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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	22 411	18 345	92	125	3 848	1 232	1 902	236	337	141
<b>Kitchen</b>										
With complete kitchen facilities .....	21 312	17 734	84	118	3 375	1 069	1 776	219	199	111
<b>Air Conditioning</b>										
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
<b>Main Heating Equipment</b>										
Warm-air furnace .....	9 806	8 163	29	53	1 561	350	1 024	80	63	44
Steam or hot water system .....	1 782	1 588	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
<b>Plumbing</b>										
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 .....	846	389	3	3	252	143	85	12	32	—
No plumbing facilities .....	658	352	3	—	302	102	84	13	103	—
<b>Source of Water</b>										
Public system or private company .....	14 481	12 167	75	110	2 128	735	981	154	150	109
Well serving 1 to 5 units .....	6 075	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	128	134	11	41	3
Other .....	955	694	5	3	254	86	117	11	34	6

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**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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	<b>80 903</b>	<b>73 117</b>	<b>432</b>	<b>726</b>	<b>8 627</b>	<b>2 498</b>	<b>2 744</b>	<b>566</b>	<b>570</b>	<b>250</b>
<b>Tenure</b>										
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
<b>Race and Origin<sup>1</sup></b>										
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	488	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	2 813	23	15	272	135	70	17	32	18
Total Hispanic .....	3 875	3 482	23	29	340	201	64	21	37	18
<b>Units In Structure</b>										
1, detached .....	51 062	48 159	212	115	2 576	1 486	502	251	268	68
1, attached .....	3 404	3 196	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
<b>Condominiums</b>										
Number of condominiums .....	1 856	1 827	3	8	18	6	3	-	7	2
<b>Year Structure Built</b>										
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	389	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
<b>Metropolitan/Nonmetropolitan Areas</b>										
Inside metropolitan statistical areas .....	62 064	57 126	344	611	3 983	1 627	1 398	391	378	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	118	64
Outside metropolitan statistical areas .....	18 839	15 991	88	116	2 644	871	1 346	175	194	58
<b>Regions</b>										
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
<b>Urbanized Areas</b>										
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	369	1 601	822	197	197	257	128
Urban fringe .....	24 749	23 325	128	163	1 133	473	457	94	81	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	833	370	371	121	33	38
Rural .....	18 877	15 764	83	69	2 961	832	1 718	154	219	37
<b>Place Size<sup>2</sup></b>										
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	7 067	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

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

<sup>2</sup>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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	80 903	73 117	432	726	6 627	2 498	2 744	566	570	250
<b>Stories in Structure</b>										
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 .....	1 788	1 671	3	34	79	13	-	16	9	41
<b>Rooms</b>										
1 room .....	1 136	845	11	44	237	98	32	28	18	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 .....	18 650	15 604	82	87	877	418	292	76	72	19
7 rooms .....	9 988	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
<b>Bedrooms</b>										
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
<b>Complete Bathrooms</b>										
None .....	2 119	1 449	21	64	585	311	115	33	104	23
1 .....	48 480	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

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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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	80 903	73 117	432	728	6 627	2 498	2 744	566	570	250
<b>Kitchen</b>										
With complete kitchen facilities .....	79 399	72 072	424	688	6 217	2 325	2 670	542	487	193
<b>Air Conditioning</b>										
With air conditioning .....	45 584	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
<b>Main Heating Equipment</b>										
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	18
Built-in electric units .....	6 278	5 849	20	40	369	122	147	52	23	25
Floor, wall or pipeless furnace .....	4 815	4 473	32	37	373	176	124	28	32	13
Room heaters with flue .....	5 756	4 770	32	66	887	444	262	71	96	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
<b>Plumbing</b>										
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
<b>Source of Water</b>										
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 .....	9 834	8 179	27	33	1 396	400	810	78	95	12
Dug .....	1 528	1 170	9	2	345	127	154	17	42	5
Other .....	870	678	11	3	178	51	106	5	11	4
<b>Telephone</b>										
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
<b>Cars and Trucks Available<sup>1</sup></b>										
No cars, trucks or vans .....	10 522	8 875	69	219	1 360	685	247	106	238	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

<sup>1</sup>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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	<b>80 903</b>	<b>73 117</b>	<b>432</b>	<b>726</b>	<b>6 627</b>	<b>2 498</b>	<b>2 744</b>	<b>568</b>	<b>570</b>	<b>250</b>
<b>Main House Heating Fuel</b>										
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
<b>Cooking Fuel</b>										
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	8	2	-	-	9
Coal or coke .....	39	36	-	-	2	-	-	-	2	-
Wood .....	170	120	-	-	50	34	10	-	6	-
Other fuel .....	28	17	-	-	8	5	-	-	3	-
<b>Water Heating Fuel</b>										
With hot piped water .....	80 903	73 117	432	726	6 627	2 498	2 744	568	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	8
Other fuel .....	127	105	-	-	22	10	-	-	5	8
No fuel used .....	563	296	-	11	257	132	52	6	56	12

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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—				
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	80 903	73 117	432	726	6 627	2 498	2 744	566	570	250
<b>Persons</b>										
1 person .....	18 219	15 850	102	286	1 981	724	745	233	178	101
2 persons .....	25 496	23 300	100	249	1 848	682	777	161	158	68
3 persons .....	14 074	12 803	85	75	1 111	364	575	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	38	56	8
6 persons .....	2 638	2 409	17	11	201	82	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
<b>Age of Householder</b>										
Under 25 years .....	6 239	5 123	24	115	977	330	478	67	66	36
25 to 29 .....	9 186	8 110	39	124	852	322	394	69	84	23
30 to 34 .....	9 266	8 449	31	63	723	258	312	74	81	18
35 to 44 .....	13 892	12 785	75	79	954	369	398	72	73	42
45 to 54 .....	12 546	11 578	71	71	825	320	338	69	88	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	634	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
<b>Household Composition by Age of Householder</b>										
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 .....	8 947	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	89	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
<b>Years of School Completed by Householder</b>										
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	158	163	75
College:										
1 to 3 years .....	13 366	12 324	47	113	882	332	356	104	81	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--					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	<b>80 903</b>	<b>73 117</b>	<b>432</b>	<b>726</b>	<b>6 627</b>	<b>2 498</b>	<b>2 744</b>	<b>566</b>	<b>570</b>	<b>250</b>
<b>Household Income</b>										
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
<b>Monthly Housing Costs<sup>1</sup></b>										
Less than \$100 .....	1 639	1 299	12	38	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	48	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 .....	399	317	312	206	210	207	244	216	184	224

<sup>1</sup>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—				
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> -----	53 003	48 968	287	235	3 513	1 059	2 001	205	176	71
<b>Tenure</b>										
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 -----	...	...	...	...	...	...	...	...	...	...
<b>Race and Origin<sup>1</sup></b>										
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	1 881	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
<b>Units in Structure</b>										
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
<b>Condominiums</b>										
Number of condominiums -----	1 338	1 319	-	8	9	3	3	-	3	-
<b>Year Structure Built</b>										
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	5 688	12	5	791	91	665	14	18	2
1960 to 1969 -----	10 481	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
<b>Metropolitan/Nonmetropolitan Areas</b>										
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
<b>Regions</b>										
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
<b>Urbanized Areas</b>										
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	12 896	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
<b>Place Size<sup>2</sup></b>										
Less than 2,500 persons -----	3 306	2 994	27	14	270	99	138	10	18	6
2,500 to 9,999 persons -----	8 094	5 844	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	7	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	1 859	23	21	65	35	16	2	6	2
1,000,000 persons or more -----	2 484	2 331	15	55	93	54	7	16	13	2

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

<sup>2</sup>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 1980 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--					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	53 003	48 968	287	235	3 513	1 059	2 001	205	176	71
<b>Stories In Structure</b>										
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	-	-
<b>Rooms</b>										
1 room .....	82	48	-	-	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
<b>Bedrooms</b>										
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
<b>Complete Bathrooms</b>										
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	9 480	46	40	401	114	254	24	7	2
2 or more .....	17 668	16 824	138	72	635	143	399	47	23	24

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**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--					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	53 003	48 968	287	235	3 513	1 059	2 001	205	176	71
<b>Kitchen</b>										
With complete kitchen facilities .....	52 395	48 504	282	232	3 376	997	1 968	204	139	68
<b>Air Conditioning</b>										
With air conditioning .....	31 983	29 819	139	130	1 898	478	1 195	108	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
<b>Main Heating Equipment</b>										
Warm-air furnace .....	30 222	28 044	124	88	1 968	409	1 384	84	56	33
Steam or hot water system .....	7 250	6 918	88	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	2 883	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	-
<b>Plumbing</b>										
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	18	-	23	-
<b>Source of Water</b>										
Public system or private company .....	42 845	40 263	253	219	2 211	689	1 208	152	102	62
Well serving 1 to 5 units .....	9 388	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
<b>Telephone</b>										
Telephone (in housing unit) .....	51 531	47 968	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
<b>Cars and Trucks Available<sup>1</sup></b>										
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	3	5	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	18 536	78	76	964	315	522	46	52	29
3 or more cars .....	5 936	5 874	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

<sup>1</sup>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--					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	<b>53 003</b>	<b>48 968</b>	<b>287</b>	<b>235</b>	<b>3 513</b>	<b>1 059</b>	<b>2 001</b>	<b>205</b>	<b>176</b>	<b>71</b>
<b>Main House Heating Fuel</b>										
Housing units with heating fuel .....	52 800	48 778	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	-	-	-	-	-	-	-	-
<b>Cooking Fuel</b>										
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	88	-	-	25	15	5	-	6	-
Other fuel .....	16	10	-	-	6	3	-	-	3	-
<b>Water Heating Fuel</b>										
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	18	13	3	-	3	-
Other fuel .....	27	27	-	-	-	-	-	-	-	-
No fuel used .....	267	168	-	-	99	51	21	-	27	-

170 Components of Inventory Change: 1980-1993

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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			Other
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	
<b>Total</b> -----	53 003	48 968	287	235	3 513	1 059	2 001	205	176	71
<b>Persons</b>										
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
<b>Age of Householder</b>										
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 -----	9 783	9 199	61	27	476	158	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
<b>Household Composition by Age of Householder</b>										
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	—
35 to 44 years -----	8 135	7 737	41	18	339	114	191	14	15	3
45 to 64 years -----	15 230	14 515	83	51	580	176	314	55	25	4
65 years and over -----	6 221	5 801	27	33	360	131	171	29	17	10
Other male householder -----	1 973	1 753	17	15	188	75	75	7	16	13
Under 45 years -----	961	830	10	3	118	47	60	2	3	14
45 to 64 years -----	683	630	2	2	49	15	20	2	3	5
65 years and over -----	329	294	5	10	20	12	3	5	8	9
Other female householder -----	4 369	3 958	44	15	352	135	172	12	29	5
Under 45 years -----	1 879	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	19
Under 45 years -----	1 034	879	—	7	149	25	105	8	8	4
45 to 64 years -----	778	651	5	5	118	35	68	—	12	2
65 years and over -----	880	714	10	17	138	50	61	16	12	3
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
<b>Years of School Completed by Householder</b>										
No school years completed -----	312	265	8	6	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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	<b>53 003</b>	<b>48 968</b>	<b>287</b>	<b>235</b>	<b>3 513</b>	<b>1 059</b>	<b>2 001</b>	<b>205</b>	<b>176</b>	<b>71</b>
<b>Household income</b>										
Less than \$5,000 .....	4 778	4 023	25	43	687	235	348	44	42	19
\$5,000 to \$9,999 .....	6 874	5 858	44	48	725	229	395	58	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	158	339	19	32	10
\$20,000 to \$24,999 .....	7 630	7 167	36	23	405	121	234	27	13	3
\$25,000 to \$29,999 .....	5 878	5 649	28	11	190	45	131	7	5	6
\$30,000 to \$34,999 .....	4 477	4 304	17	21	136	42	71	11	6	3
\$35,000 to \$39,999 .....	2 999	2 897	23	14	65	28	29	8	2	—
\$40,000 to \$49,999 .....	3 238	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	3	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
<b>Value<sup>1</sup></b>										
Less than \$10,000 .....	1 327	1 157	4	2	163	100	23	8	24	8
\$10,000 to \$19,999 .....	3 368	3 103	2	2	258	149	49	20	34	6
\$20,000 to \$29,999 .....	5 186	4 921	27	11	208	142	33	18	13	3
\$30,000 to \$39,999 .....	6 229	6 082	24	5	117	68	32	9	8	—
\$40,000 to \$49,999 .....	8 211	8 043	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	18	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 .....	47 611	46 260	51 304	52 006	26 748	25 355	33 271	40 270	17 801	—
<b>Mortgages Currently on Property<sup>2</sup></b>										
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 .....	23 367	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	—
<b>Monthly Payment to Lender<sup>2</sup></b>										
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	8	—
\$250 to \$299 .....	2 857	2 806	5	—	47	29	9	—	—	—
\$300 to \$349 .....	2 282	2 263	2	—	17	9	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	—	8	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	168	205	—	162	—
<b>Monthly Housing Costs<sup>3</sup></b>										
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	2 168	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	—	—	—

<sup>1</sup>Limited to owners in 1-unit structures on less than 10 acres, with no business on property, and condominiums.

<sup>2</sup>Limited to owners in 1-unit structures on less than 10 acres, with no business on property.

<sup>3</sup>Limited to owners in 1-unit structures on less than 10 acres, with a mortgage of less than \$2000, and no business on property.

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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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	27 900	24 149	145	492	3 114	1 439	742	360	394	179
<b>Tenure</b>										
Owner occupied .....	...	...	...	...	...	...	...	...	...	...
Percent of all occupied .....	...	...	...	...	...	...	...	...	...	...
Renter occupied .....	27 900	24 149	145	492	3 114	1 439	742	360	394	179
<b>Race and Origin<sup>1</sup></b>										
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	182	111	27	15	21	18
Total Hispanic .....	2 203	1 893	13	27	270	167	38	18	31	16
<b>Units in Structure</b>										
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
<b>Condominiums</b>										
Number of condominiums .....	521	508	3	-	9	3	-	-	4	2
<b>Year Structure Built</b>										
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 .....	3 856	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
<b>Metropolitan/Nonmetropolitan Areas</b>										
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
<b>Regions</b>										
Northeast .....	6 924	6 317	60	149	399	169	40	71	73	47
Midwest .....	6 271	5 426	42	164	639	336	87	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	269	149	64	20	50
<b>Urbanized Areas</b>										
Inside urbanized areas .....	20 994	18 849	101	371	1 674	860	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	261	119	59	40	30
Outside urbanized areas .....	6 906	5 300	44	121	1 441	559	584	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
<b>Place Size<sup>2</sup></b>										
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	1 837	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

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

<sup>2</sup>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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	27 900	24 149	145	492	3 114	1 439	742	360	394	179
<b>Stories in Structure</b>										
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
<b>Rooms</b>										
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
<b>Bedrooms</b>										
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	9 822	52	146	1 266	529	410	117	167	42
3 .....	4 945	4 278	24	49	594	315	181	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
<b>Complete Bathrooms</b>										
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



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**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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	27 900	24 149	145	492	3 114	1 439	742	360	394	179
<b>Kitchen</b>										
With complete kitchen facilities .....	27 003	23 568	142	454	2 840	1 328	702	338	348	124
<b>Air Conditioning</b>										
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	218	289	92
<b>Main Heating Equipment</b>										
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	168	553	244	27	110	85	87
Electric heat pump .....	874	805	1	4	64	9	26	12	12	18
Built-in electric units .....	2 901	2 671	9	33	189	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	485	285	72	35	68	5
Room heaters without flue .....	1 280	824	5	25	306	150	70	28	61	—
Portable heaters, fireplaces, stoves .....	1 025	682	11	14	319	170	76	20	53	—
None .....	279	215	5	—	59	44	2	2	8	2
<b>Plumbing</b>										
Complete plumbing for exclusive use .....	26 845	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	187	1	3	106	72	11	8	14	—
No plumbing facilities .....	254	107	—	8	139	67	27	8	26	12
<b>Source of Water</b>										
Public system or private company .....	25 927	22 827	131	471	2 498	1 230	487	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	—
<b>Telephone</b>										
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	873	440	247	73	161	51
<b>Cars and Trucks Available<sup>1</sup></b>										
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 .....	18 852	15 073	91	258	1 529	690	416	214	144	66
1 truck or van with or without cars .....	3 401	2 776	15	58	552	223	187	56	55	21
2 or more trucks or vans .....	351	281	2	2	65	23	37	3	3	—

<sup>1</sup>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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	<b>27 900</b>	<b>24 149</b>	<b>145</b>	<b>492</b>	<b>3 114</b>	<b>1 439</b>	<b>742</b>	<b>360</b>	<b>394</b>	<b>179</b>
<b>Main House Heating Fuel</b>										
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	182	82	34	10	35	-
Other fuel .....	151	107	-	14	31	7	-	4	4	15
<b>Cooking Fuel</b>										
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	-	-	-	-
<b>Water Heating Fuel</b>										
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	68
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

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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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	27 900	24 149	145	492	3 114	1 439	742	360	394	179
<b>Persons</b>										
1 person .....	9 957	8 652	47	217	1 040	452	218	161	128	83
2 persons .....	7 983	6 895	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	1 180	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
<b>Age of Householder</b>										
Under 25 years .....	4 799	4 021	17	115	648	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	318	151	59	29	60	17
65 to 74 .....	2 855	2 483	12	58	296	166	51	15	44	21
75 years and over .....	2 071	1 842	12	36	181	78	20	35	26	23
Median .....	36	36	39	33	36	37	32	34	41	42
<b>Household Composition by Age of Householder</b>										
2-or-more person households .....	17 843	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 .....	1 881	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	—	—	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 .....	849	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
<b>Years of School Completed by Householder</b>										
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 .....	4 815	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	286	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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	27 900	24 149	145	492	3 114	1 439	742	360	394	179
<b>Household Income</b>										
Less than \$5,000 .....	6 012	4 911	28	116	958	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 \$44,999 .....	449	404	1	11	33	17	7	5	2	2
\$45,000 to \$49,999 .....	213	191	3	2	18	10	4	3	-	-
\$50,000 to \$59,999 .....	89	77	-	-	12	2	5	-	3	2
\$60,000 to \$74,999 .....	114	100	-	-	14	2	-	9	-	3
\$75,000 or more .....	11 535	11 986	12 168	9 534	8 733	8 415	10 023	9 745	5 937	8 542
Median .....										
<b>Monthly Housing Costs<sup>1</sup></b>										
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

<sup>1</sup>Excludes 1-unit structures on 10 acres or more.

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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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	27 410	25 252	153	389	1 816	829	202	199	259	128
<b>Tenure</b>										
Owner occupied .....	13 881	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
<b>Race and Origin<sup>1</sup></b>										
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	28	141	90	7	12	19	13
<b>Units in Structure</b>										
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	68	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	1 618	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	2 589	3	33	154	58	—	21	19	57
Mobile home or trailer (with no permanent room attached) .....	326	137	—	—	189	15	164	—	10	—
<b>Condominiums</b>										
Number of condominiums .....	744	739	1	—	4	—	—	—	2	2
<b>Year Structure Built</b>										
1979 to March 1980 .....	541	510	1	4	26	9	13	—	2	2
1975 to 1978 .....	1 681	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	1840	1944	1941	1971	1941	1942	1946
<b>Metropolitan/Nonmetropolitan Areas</b>										
Inside metropolitan statistical areas .....	27 410	25 252	153	389	1 816	829	202	199	259	128
In central cities .....	27 410	25 252	153	389	1 816	829	202	199	259	128
Suburbs .....	...	...	...	...	...	...	...	...	...	...
Outside metropolitan statistical areas .....	...	...	...	...	...	...	...	...	...	...
<b>Regions</b>										
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
<b>Urbanized Areas</b>										
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	—	—	—
Other urban .....	321	308	—	—	13	6	4	2	2	—
Rural .....	36	34	—	—	2	—	—	2	—	—
<b>Place Size<sup>2</sup></b>										
Less than 2,500 persons .....	—	—	—	—	—	—	—	—	—	—
2,500 to 9,999 persons .....	—	—	—	—	—	—	—	—	—	—
10,000 to 19,999 persons .....	111	104	—	—	7	2	—	—	—	—
20,000 to 49,999 persons .....	2 469	2 284	18	20	147	76	3	2	—	—
50,000 to 99,999 persons .....	3 856	3 583	21	32	219	108	29	17	15	11
100,000 to 249,999 persons .....	5 529	5 147	26	47	310	169	44	25	25	17
250,000 to 499,999 persons .....	4 705	4 337	18	70	281	141	60	30	26	25
500,000 to 999,999 persons .....	4 119	3 796	36	83	204	90	29	39	59	13
1,000,000 persons or more .....	6 621	6 000	34	137	449	242	9	53	94	52

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

<sup>2</sup>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—				
			Conversion	Merger	Total	Demolition or disaster	Other means			Other
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	
<b>Total</b> .....	27 410	25 252	153	389	1 616	829	202	199	259	128
<b>Stories in Structure</b>										
1 to 3 .....	24 308	22 378	149	351	1 429	764	202	183	231	68
4 to 6 .....	1 872	1 542	1	12	117	51	-	20	19	27
7 or more .....	1 431	1 332	3	26	70	13	-	16	9	32
<b>Rooms</b>										
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
<b>Bedrooms</b>										
None .....	939	749	5	24	181	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 .....	2 632	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
<b>Complete Bathrooms</b>										
None .....	845	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

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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—		Total	Demolition or disaster	Units lost through—			
			Conversion	Merger			House or mobile home moved out	To nonresidential use	Other means	
									Exposed, damaged, or condemned	Other
<b>Total</b> -----	27 410	25 252	153	389	1 618	829	202	199	259	128
<b>Kitchen</b>										
With complete kitchen facilities -----	26 881	24 851	153	373	1 503	780	202	190	246	86
<b>Air Conditioning</b>										
With air conditioning -----	15 822	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
<b>Main Heating Equipment</b>										
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	5	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	6	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
<b>Plumbing</b>										
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	-	-	28	16	-	2	9	-
No plumbing facilities -----	53	27	-	-	28	9	-	3	2	12
<b>Source of Water</b>										
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	18	-	-	6	5	2	-	-	-
Other -----	4	2	-	-	2	-	2	-	-	-
<b>Telephone</b>										
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
<b>Cars and Trucks Available<sup>1</sup></b>										
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	84	49	28	17	7
2 or more trucks or vans -----	323	304	2	4	13	5	3	5	-	-

<sup>1</sup>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--					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	27 410	25 252	153	389	1 616	829	202	199	259	128
<b>Main House Heating Fuel</b>										
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	128	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	82	-	2	11	9	-	-	-	2
Wood .....	93	88	-	7	2	2	-	-	-	-
Other fuel .....	116	88	-	-	22	4	-	4	4	9
<b>Cooking Fuel</b>										
With cooking fuel .....	27 321	25 207	153	382	1 579	815	202	199	253	110
Electricity .....	10 891	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 .....	368	286	8	12	82	28	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	-	-	-	-
<b>Water Heating Fuel</b>										
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	8	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	-	-	-	-	-
Other fuel .....	88	74	-	-	14	7	-	-	2	5
No fuel used .....	66	36	-	-	30	12	-	3	4	12



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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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	27 410	25 252	153	389	1 616	829	202	199	259	128
<b>Persons</b>										
1 person .....	7 858	7 044	25	184	626	300	73	81	89	72
2 persons .....	8 415	7 832	48	114	421	198	87	71	62	24
3 persons .....	4 555	4 283	28	48	216	128	28	12	41	6
4 persons .....	3 279	3 088	8	34	149	85	20	12	23	9
5 persons .....	1 818	1 683	19	17	97	54	9	5	28	2
6 persons .....	798	737	9	7	42	24	2	2	7	7
7 persons or more .....	691	605	15	5	56	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
<b>Age of Householder</b>										
Under 25 years .....	2 619	2 319	10	52	238	127	38	19	38	18
25 to 29 .....	3 440	3 131	20	71	217	111	23	39	31	13
30 to 34 .....	3 108	2 902	8	34	162	86	19	27	24	7
35 to 44 .....	4 278	3 862	24	42	248	117	23	22	57	29
45 to 54 .....	3 960	3 713	24	41	183	94	22	24	27	18
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
<b>Household Composition by Age of Householder</b>										
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	738	3	14	68	32	20	2	7	9
25 to 30 years .....	1 548	1 441	8	32	69	45	9	7	2	5
30 to 34 years .....	1 558	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	2 128	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	8	48	22	6	3	11	4
65 years and over .....	172	149	3	3	17	9	—	—	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 .....	587	517	—	5	44	27	4	2	11	—
1-person households .....	7 858	7 044	25	184	626	300	73	91	89	72
Male householder .....	3 157	2 708	8	70	371	178	37	81	50	45
Under 45 years .....	1 808	1 585	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
<b>Years of School Completed by Householder</b>										
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 .....	1 978	1 788	12	48	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 .....	4 888	4 574	19	87	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	12.8	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—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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>RENTER OCCUPIED UNITS</b>										
Total .....	13 549	12 050	64	282	1 154	605	60	152	222	114
<b>Monthly Housing Costs<sup>5</sup></b>										
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	—	—	—	—
\$450 to \$499 .....	356	323	4	11	18	2	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 .....	238	240	264	199	197	197	—	202	174	236

<sup>1</sup>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.

<sup>2</sup>Limited to owners in 1-unit structures on less than 10 acres, with no business on the property, and condominiums.

<sup>3</sup>Limited to owners in 1-unit structures on less than 10 acres, with no business on property.

<sup>4</sup>Limited to owners in 1-unit structures on less than 10 acres, with a mortgage of less than \$2000, and no business on property.

<sup>5</sup>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--		Total	Demolition or disaster	Units lost through--			
			Conversion	Merger			House or mobile home moved out	Other means		
								To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	<b>34 654</b>	<b>31 874</b>	<b>191</b>	<b>221</b>	<b>2 367</b>	<b>798</b>	<b>1 196</b>	<b>192</b>	<b>116</b>	<b>64</b>
<b>Tenure</b>										
Owner occupied .....	25 082	23 401	135	87	1 480	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
<b>Race and Origin<sup>1</sup></b>										
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
<b>Units In Structure</b>										
1, detached .....	23 938	22 850	114	55	918	544	169	110	71	24
1, attached .....	1 288	1 237	6	2	44	18	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
<b>Condominiums</b>										
Number of condominiums .....	1 027	1 009	-	8	11	6	-	-	5	-
<b>Year Structure Built</b>										
1979 to March 1980 .....	1 109	1 000	-	11	98	18	65	5	4	5
1975 to 1978 .....	4 080	3 733	5	9	313	47	248	10	8	-
1970 to 1974 .....	5 133	4 685	10	5	453	73	358	12	10	-
1960 to 1969 .....	8 166	6 559	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
<b>Metropolitan/Nonmetropolitan Areas</b>										
Inside metropolitan statistical areas .....	34 654	31 874	191	221	2 367	798	1 196	192	116	64
In central cities .....	...	...	...	...	2 367	798	1 196	192	116	64
Suburbs .....	34 654	31 874	191	221	2 367	798	1 196	192	116	64
Outside metropolitan statistical areas .....	...	...	...	...	...	...	...	...	...	...
<b>Regions</b>										
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	1 297	385	638	98	80	27
West .....	7 214	6 713	44	28	429	178	211	23	2	15
<b>Urbanized Areas</b>										
Inside urbanized areas .....	24 191	22 849	124	147	1 070	446	434	68	58	44
In central cities of (P)MSA's .....	...	...	...	...	...	...	...	...	...	...
Urban fringe .....	24 191	22 849	124	147	1 070	446	434	68	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
<b>Place Size<sup>2</sup></b>										
Less than 2,500 persons .....	1 588	1 420	18	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	248	117	78	25	16	9
50,000 to 99,999 persons .....	3 846	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 .....	-	-	-	-	-	-	-	-	-	-

<sup>1</sup>Figures may not add to total, because more than one category may apply to unit.  
<sup>2</sup>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--					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	<b>34 654</b>	<b>31 874</b>	<b>191</b>	<b>221</b>	<b>2 367</b>	<b>788</b>	<b>1 196</b>	<b>192</b>	<b>116</b>	<b>64</b>
<b>Stories In Structure</b>										
1 to 3 .....	33 874	31 127	191	207	2 349	788	1 196	183	109	64
4 to 6 .....	456	430	-	7	18	3	-	9	7	-
7 or more .....	324	317	-	8	-	-	-	-	-	-
<b>Rooms</b>										
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	48	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	4.6	4.7	4.7
<b>Bedrooms</b>										
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	1 138	328	674	68	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
<b>Complete Bathrooms</b>										
None .....	562	407	-	29	126	76	24	9	17	-
1 .....	17 004	15 188	92	133	1 593	559	798	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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	34 654	31 874	191	221	2 387	798	1 196	192	116	64
<b>Kitchen</b>										
With complete kitchen facilities .....	34 208	31 548	189	201	2 272	752	1 180	180	101	60
<b>Air Conditioning</b>										
With air conditioning .....	20 744	19 322	88	105	1 230	312	755	87	46	31
Central .....	11 085	10 481	19	32	573	117	380	39	17	20
1 room unit .....	6 219	5 605	39	68	507	148	304	28	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
<b>Main Heating Equipment</b>										
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	8	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	1 860	14	12	147	70	8	8	8	-
Room heaters with flue .....	1 723	1 418	8	20	281	141	101	15	18	7
Room heaters without flue .....	776	620	-	-	158	84	40	9	20	3
Portable heaters, fireplaces, stoves .....	1 189	965	5	8	190	86	63	15	25	2
None .....	228	198	2	-	27	25	2	-	-	-
<b>Plumbing</b>										
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	-	-	28	14	5	-	7	-
No plumbing facilities .....	120	50	-	8	61	41	8	4	8	-
<b>Source of Water</b>										
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	4 178	25	18	609	184	349	39	31	5
Dug .....	642	524	2	2	114	39	47	11	13	2
Other .....	272	229	8	-	37	2	26	2	3	4
<b>Telephone</b>										
Telephone (in housing unit) .....	33 151	30 788	184	199	2 000	662	1 027	172	87	51
No telephone (in housing unit) .....	1 503	1 106	7	22	387	136	169	20	29	13
<b>Cars and Trucks Available<sup>1</sup></b>										
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	681	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	129	1 324	425	675	130	61	32
1 truck or van with or without cars .....	7 876	7 129	40	41	865	217	371	40	23	14
2 or more trucks or vans .....	924	825	10	9	80	21	55	2	-	3

<sup>1</sup>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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	<b>34 654</b>	<b>31 874</b>	<b>191</b>	<b>221</b>	<b>2 367</b>	<b>798</b>	<b>1 196</b>	<b>192</b>	<b>116</b>	<b>64</b>
<b>Main House Heating Fuel</b>										
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	692	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	—	—	—	—
<b>Cooking Fuel</b>										
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	68	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	38	—	—	9	6	2	—	—	2
Coal or coke .....	10	10	—	—	—	—	—	—	—	—
Wood .....	44	34	—	—	11	8	3	—	—	—
Other fuel .....	2	2	—	—	—	—	—	—	—	—
<b>Water Heating Fuel</b>										
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	178	12	17	7
Fuel oil, kerosene, or other liquid fuel .....	3 048	2 883	34	48	82	29	7	32	6	9
Coal or coke .....	31	29	—	—	3	3	—	—	—	—
Wood .....	41	33	—	2	—	—	—	—	—	—
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--					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> -----	<b>34 654</b>	<b>31 874</b>	<b>191</b>	<b>221</b>	<b>2 387</b>	<b>798</b>	<b>1 196</b>	<b>192</b>	<b>116</b>	<b>64</b>
<b>Persons</b>										
1 person -----	6 521	5 753	45	82	641	192	334	63	38	14
2 persons -----	11 020	10 236	35	88	861	230	324	50	38	21
3 persons -----	8 226	5 708	41	16	481	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	78	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
<b>Age of Householder</b>										
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
<b>Household Composition by Age of Householder</b>										
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	58	13	8	11
Under 45 years -----	1 144	1 006	13	9	118	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 -----	1 408	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 -----	1 158	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
<b>Years of School Completed by Householder</b>										
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



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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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	34 654	31 874	191	221	2 387	798	1 196	192	116	64
<b>Household income</b>										
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	18
\$15,000 to \$19,999 .....	4 868	4 411	17	28	410	122	245	41	19	11
\$20,000 to \$24,999 .....	4 698	4 422	26	15	234	75	136	18	5	3
\$25,000 to \$29,999 .....	3 785	3 628	18	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	—	—	—
\$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	13 187	11 167	8 436	11 419
<b>Monthly Housing Costs<sup>1</sup></b>										
Less than \$100 .....	325	283	2	9	51	25	3	14	10	—
\$100 to \$199 .....	1 868	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	7	9	2
\$300 to \$349 .....	2 574	2 483	15	13	82	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	7	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	5	—
\$700 to \$799 .....	871	849	—	3	19	8	6	5	—	—
\$800 or more .....	1 411	1 388	7	12	5	5	—	5	—	—
No cash rent .....	513	439	2	2	89	38	14	5	9	5
Median .....	370	378	343	223	249	248	272	271	222	—
<b>OWNER OCCUPIED UNITS</b>										
<b>Total</b> .....	25 082	23 401	135	87	1 460	377	914	89	50	30
<b>Value<sup>2</sup></b>										
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 .....	1 849	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	7	8	15	3	8	5	—	—
\$70,000 to \$79,999 .....	1 975	1 929	5	4	34	17	9	3	—	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	4	14	8	3	—	—	3
\$125,000 to \$149,999 .....	621	608	4	4	8	3	—	3	—	—
\$150,000 to \$199,999 .....	595	584	4	4	3	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	—	—	—
<b>Mortgages Currently on Property<sup>3</sup></b>										
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	—
<b>Monthly Payment to Lender<sup>3</sup></b>										
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	1 108	2	—	8	3	3	2	—	—
\$400 to \$449 .....	896	875	2	9	11	6	3	—	—	—
\$450 to \$499 .....	637	613	2	—	21	11	6	—	5	—
\$500 to \$599 .....	797	784	2	3	6	5	3	—	5	—
\$600 to \$699 .....	503	496	4	—	—	—	—	—	—	—
\$700 to \$799 .....	212	206	—	—	—	—	—	—	—	—
\$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	—	—	—	—
<b>Monthly Housing Costs<sup>4</sup></b>										
Less than \$100 .....	8	8	—	—	—	—	—	—	—	—
\$100 to \$199 .....	481	457	2	—	21	17	—	3	—	—
\$200 to \$249 .....	858	827	3	—	28	22	—	—	—	—
\$250 to \$299 .....	1 273	1 243	7	—	23	8	—	—	—	—
\$300 to \$349 .....	1 263	1 242	7	—	14	9	12	2	—	—
\$350 to \$399 .....	1 394	1 365	2	—	26	9	7	2	—	—
\$400 to \$449 .....	1 400	1 384	3	2	10	20	3	—	—	—
\$450 to \$499 .....	1 258	1 234	10	3	11	6	—	5	—	—
\$500 to \$599 .....	2 018	1 985	5	4	25	12	—	3	3	—
\$600 to \$699 .....	1 402	1 390	7	—	5	5	—	2	5	—
\$700 to \$799 .....	839	819	—	3	16	8	—	—	—	—
\$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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>RENTER OCCUPIED UNITS</b>										
Total .....	9 572	8 473	57	135	907	422	283	103	66	34
<b>Monthly Housing Costs<sup>5</sup></b>										
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	788	5	6	41	24	6	11	-	-
\$400 to \$449 .....	418	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 .....	-	-	-	-	-	-	-	-	-	5
No cash rent .....	513	439	2	2	69	36	14	5	9	5
Median .....	278	283	296	204	227	232	221	247	...	...

<sup>1</sup>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.

<sup>2</sup>Limited to owners in 1-unit structures on less than 10 acres, with no business on the property, and condominiums.

<sup>3</sup>Limited to owners in 1-unit structures on less than 10 acres, with no business on property.

<sup>4</sup>Limited to owners in 1-unit structures on less than 10 acres, with a mortgage of less than \$2000, and no business on property.

<sup>5</sup>Excludes 1-unit structures on 10 acres or more.

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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--					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	18 839	15 991	88	116	2 644	871	1 346	175	194	58
<b>Tenure</b>										
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
<b>Race and Origin<sup>1</sup></b>										
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	-
<b>Units in Structure</b>										
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
<b>Condominiums</b>										
Number of condominiums .....	85	79	2	-	3	-	3	-	-	-
<b>Year Structure Built</b>										
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
<b>Metropolitan/Nonmetropolitan Areas</b>										
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
<b>Regions</b>										
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 .....	7 958	6 456	24	25	1 450	476	744	58	138	35
West .....	2 575	2 116	2	25	432	93	278	33	20	8
<b>Urbanized Areas</b>										
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
<b>Place Size<sup>2</sup></b>										
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 .....	-	-	-	-	-	-	-	-	-	-

<sup>1</sup>Figures may not add to total, because more than one category may apply to unit.  
<sup>2</sup>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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> -----	18 839	15 991	88	116	2 644	871	1 346	175	194	58
<b>Stories in Structure</b>										
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
<b>Rooms</b>										
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 -----	825	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
<b>Bedrooms</b>										
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	4 828	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
<b>Complete Bathrooms</b>										
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

194 Components of Inventory Change: 1980-1993

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--					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	18 839	15 991	88	118	2 644	871	1 346	175	194	58
<b>Kitchen</b>										
With complete kitchen facilities .....	18 310	15 675	82	111	2 442	793	1 289	172	140	47
<b>Air Conditioning</b>										
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
<b>Main Heating Equipment</b>										
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	-
<b>Plumbing</b>										
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	-
<b>Source of Water</b>										
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	-
<b>Telephone</b>										
Telephone (in housing unit) .....	17 121	14 957	75	97	1 893	648	1 030	144	121	50
No telephone (in housing unit) .....	1 717	1 034	13	19	651	222	315	31	74	8
<b>Cars and Trucks Available<sup>1</sup></b>										
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 .....	873	855	5	-	113	29	68	6	7	3

<sup>1</sup>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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	<b>18 839</b>	<b>15 991</b>	<b>88</b>	<b>118</b>	<b>2 844</b>	<b>871</b>	<b>1 348</b>	<b>175</b>	<b>194</b>	<b>58</b>
<b>Main House Heating Fuel</b>										
Housing units with heating fuel .....	18 828	15 981	88	118	2 841	871	1 348	175	182	58
Electricity .....	3 401	2 939	7	25	430	108	274	21	11	15
Piped gas .....	7 949	6 842	48	60	898	323	399	92	67	18
Bottled, tank, or LP gas .....	2 180	1 587	-	5	587	141	359	22	39	8
Fuel oil, kerosene, or other liquid fuel .....	3 815	3 142	23	22	428	160	210	28	18	13
Coal or coke .....	231	183	-	-	48	20	18	3	8	-
Wood .....	1 446	1 171	9	3	263	119	85	9	50	6
Other fuel .....	23	17	-	-	6	-	-	-	-	-
<b>Cooking Fuel</b>										
With cooking fuel .....	18 814	15 978	88	114	2 835	871	1 348	175	194	49
Electricity .....	11 298	10 169	43	58	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 .....	2 810	1 797	10	9	793	228	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	-
<b>Water Heating Fuel</b>										
With hot piped water .....	18 839	15 991	88	118	2 844	871	1 348	175	194	58
Electricity .....	8 893	7 538	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 .....	1 859	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	-	-	8	-	-	-	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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	18 839	15 991	88	116	2 644	871	1 346	175	194	58
<b>Persons</b>										
1 person .....	3 840	3 053	32	40	715	232	338	79	51	15
2 persons .....	6 061	5 232	17	47	785	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	8	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
<b>Age of Householder</b>										
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	2 843	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 .....	1 918	1 602	22	23	270	100	84	39	31	15
Median .....	49	50	58	31	42	45	39	46	52	61
<b>Household Composition by Age of Householder</b>										
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	3
35 to 44 years .....	2 365	2 126	7	3	229	78	126	13	9	9
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	-	18	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 .....	485	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	183	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	6	-
45 to 64 years .....	584	476	6	1	101	33	54	9	8	-
65 years and over .....	1 668	1 421	19	14	213	83	71	37	6	15
<b>Years of School Completed by Householder</b>										
No school years completed .....	155	126	-	3	26	9	8	-	8	-
Elementary:										
less than 8 years .....	2 300	1 828	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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>Total</b> .....	<b>18 839</b>	<b>15 991</b>	<b>88</b>	<b>116</b>	<b>2 644</b>	<b>871</b>	<b>1 346</b>	<b>175</b>	<b>194</b>	<b>58</b>
<b>Household Income</b>										
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	-
<b>Median</b> .....	<b>14 151</b>	<b>15 075</b>	<b>12 122</b>	<b>10 172</b>	<b>9 941</b>	<b>8 347</b>	<b>11 544</b>	<b>9 704</b>	<b>7 653</b>	<b>10 304</b>
<b>Monthly Housing Costs<sup>1</sup></b>										
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	6
\$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	3	-	-	-
\$700 to \$799 .....	96	91	2	-	3	3	-	-	-	-
\$800 or more .....	114	114	-	-	-	-	-	-	-	3
No cash rent .....	682	524	2	4	152	55	39	18	36	3
<b>Median</b> .....	<b>266</b>	<b>276</b>	<b>...</b>	<b>176</b>	<b>182</b>	<b>171</b>	<b>233</b>	<b>190</b>	<b>181</b>	<b>...</b>
<b>OWNER OCCUPIED UNITS</b>										
<b>Total</b> .....	<b>14 060</b>	<b>12 366</b>	<b>63</b>	<b>41</b>	<b>1 590</b>	<b>459</b>	<b>946</b>	<b>69</b>	<b>89</b>	<b>27</b>
<b>Value<sup>2</sup></b>										
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	-	-	-	-	-	-	-	-
<b>Median</b> .....	<b>35 342</b>	<b>38 031</b>	<b>...</b>	<b>...</b>	<b>22 100</b>	<b>21 296</b>	<b>28 593</b>	<b>...</b>	<b>16 132</b>	<b>...</b>
<b>Mortgages Currently on Property<sup>3</sup></b>										
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	-	-
<b>Monthly Payment to Lender<sup>3</sup></b>										
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	-	-	-	-	-	-	-	-
<b>Median</b> .....	<b>187</b>	<b>188</b>	<b>...</b>	<b>...</b>	<b>157</b>	<b>138</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>



**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—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
<b>OWNER OCCUPIED UNITS—Con.</b>										
<b>Monthly Housing Costs<sup>4</sup></b>										
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	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	--	--	--	--
<b>RENTER OCCUPIED UNITS</b>										
<b>Total .....</b>	<b>4 779</b>	<b>3 626</b>	<b>25</b>	<b>75</b>	<b>1 053</b>	<b>411</b>	<b>400</b>	<b>106</b>	<b>105</b>	<b>31</b>
<b>Monthly Housing Costs<sup>5</sup></b>										
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	228	--	--	22	6	4	5	2	6
\$350 to \$399 .....	109	100	--	--	9	3	3	3	--	--
\$400 to \$449 .....	58	53	--	3	2	--	--	--	--	--
\$450 to \$499 .....	20	17	--	--	3	2	--	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	--

<sup>1</sup>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.

<sup>2</sup>Limited to owners in 1-unit structures on less than 10 acres, with no business on the property, and condominiums.

<sup>3</sup>Limited to owners in 1-unit structures on less than 10 acres, with no business on property.

<sup>4</sup>Limited to owners in 1-unit structures on less than 10 acres, with a mortgage of less than \$2000, and no business on property.

<sup>5</sup>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 of "race" refers to the race of the householder occupying the housing unit. The concept of race as used by the Census Bureau does not denote a clear-cut scientific definition of biological stock. Race 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 from 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.



Facsimile of the Control Card: 1993

**FORM AHS-21 (6-17-91) U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS CONTROL CARD AMERICAN HOUSING SURVEY**

**NOTICE** - All information which would permit identification of the individual will be held in strict confidence by law, under U.S. Code, title 13, section 8a. It may be seen only by sworn Census employees and may be used only for statistical purposes.

**LAND USE** - Follow instructions for box that is marked.

1  URBAN - Go to item 7a  
2  RURAL - Go to item 7a

3a ADDRESS (Sheet \_\_\_\_\_, Line \_\_\_\_\_)  
PLACE STATE ZIP CODE

3b CHECK ITEM SKIP TO ITEM 30, PAGE 4.  
What is the exact address? (Make corrections to address above.)

3c OFFICE USE ONLY 1  2  3  4  5   
Special place name 3d Type code 3e Sample number

6 OFFICE USE ONLY  
Control number preassigned  
Control number assigned this enumeration period  
OFFICE USE ONLY

7a CLASSIFICATION OF LIVING QUARTERS CHECK ITEM  
1 2 3 4 5  
1 1 1 1 1  
2 2 2 2 2

7b ACCESS - Mark or ask:  
Does (Address in item 3a) have direct access, either from the outside or through a common hall?  
Yes, direct  
No, through another unit - Not a separate unit; combine with unit in adjacent building. Apply marked unit procedures if appropriate.

7c Mark or ask: Is (Address in item 3a) a house, an apartment, a mobile home, or some other type of residence?  
HOUSING UNIT  
House, apartment, flat  
Mobile home with NO permanent room added  
Mobile home WITH one or more permanent rooms added  
HU in nontransient hotel, motel, etc.  
HU in transient hotel, motel  
HU in rooming house  
Boat or recreational vehicle  
Tent, cave, or railroad car  
HU not specified above - Specify  
OTHER UNIT (Treat as Type B noninterview. Mark and go to AHS-23.)  
Quarters not HU in rooming or boarding house  
Student quarters in college dormitory  
Unoccupied site for mobile home, trailer, or tent  
Unit not permanent in transient hotel, motel, etc.  
OTHER UNIT not described above - Specify in Notes.

7d Mark or ask: Is (Address in item 3a) a house, an apartment, a mobile home, or some other type of residence?  
HOUSING UNIT  
House, apartment, flat  
Mobile home with NO permanent room added  
Mobile home WITH one or more permanent rooms added  
HU in nontransient hotel, motel, etc.  
HU in transient hotel, motel  
HU in rooming house  
Boat or recreational vehicle  
Tent, cave, or railroad car  
HU not specified above - Specify  
OTHER UNIT (Treat as Type B noninterview. Mark and go to AHS-23.)  
Quarters not HU in rooming or boarding house  
Student quarters in college dormitory  
Unoccupied site for mobile home, trailer, or tent  
Unit not permanent in transient hotel, motel, etc.  
OTHER UNIT not described above - Specify in Notes.

8a CHECK ITEM  
Occupied - Go to item 8b  
Not occupied - Go to AHS-23

8b TENURE  
Is this (house/apartment) - (rented, mortgaged, or otherwise) bought by you or your household?  
Owned or being bought by household? Yes  
Rented for cash? Yes  
Occupied with agreement of cash rent? Yes

9 Survey Year  
Date completed 9a Month Day Year  
Interviewer code 9b  
Interview status 9c  
Line number of respondent (For Vacant Interviews, use the codes below.) 9d  
Office use only 9e 9f  
Office use only 9g  
Office use only 9h  
Office use only 9i  
Office use only 9j  
Office use only 9k  
Office use only 9l  
Office use only 9m  
Office use only 9n  
Office use only 9o  
Office use only 9p  
Office use only 9q  
Office use only 9r  
Office use only 9s  
Office use only 9t  
Office use only 9u  
Office use only 9v  
Office use only 9w  
Office use only 9x  
Office use only 9y  
Office use only 9z

9 Tally  
No. of visits 9l  
Starting time 9m  
Ending time 9n  
Hour 9o  
Min. 9p  
Pers. 9q  
Tel. 9r  
Sum 9s

REG. JURE INTERVIEW  
Fill observation items on questionnaire  
TYPE A NONINTERVIEW  
Fill observation items on questionnaire  
VACANT INTERVIEW  
Fill item 29 on page 3.  
Fill observation items on questionnaire.

10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Facsimile of the Control Card: 1993—Con.

Page 2

PGM 3	UPDATE EVERY SURVEY				UPDATE EVERY SURVEY FOR PERSONS 14 YEARS OF AGE OR OLDER				27								
	10	11	12	13	14	15	16	17		18	19	20	21	22	23	24	25
10	HOUSEHOLD ROSTER SUBSEQUENT INTERVIEW OF HOUSEHOLD - Skip to item 12b below.	FIRST INTERVIEW OF HOUSEHOLD - Ask item 11.	RELATIONSHIP TO REFERENCE PERSON	HOUSEHOLD MEMBER	OWNER/RENTER	BIRTH DATE/AGE	SEX	RACE	ORIGIN	MARITAL STATUS	EDUCATION	MOBILITY	CHANGES IN HOUSEHOLD COMPOSITION				
11	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
12	12a	12b	12c	12d	12e	12f	12g	12h	12i	12j	12k	12l	12m	12n	12o	12p	12q
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15

FORM AHS-21 (5-7-91)

Facsimile of the Control Card: 1993—Con.

28 OWNER/AGENT TRANSCRIPTION — If the sample unit is not owner occupied, transcribe the name, address, and telephone number of the owner/agent from the questionnaire.		29 For Vacant Interviews, enter respondent information below.	
Survey year	Name	Address (Number, street, city, State, ZIP Code)	Telephone Area code   Number
1			
2			
3			
4			
5			

Survey year	Name	Address (Number, street, city, State, ZIP Code)
1		
2		
3		
4		
5		

TABLE X — LIVING QUARTERS DETERMINATION AT LISTED ADDRESS			
ADDRESS OF ADDITIONAL LIVING QUARTERS Enter basic address and unit address, if any, OR description or location.	LOCATION OF UNIT Is the unit in a special place?	SEPARATENESS AND ACCESS	CLASSIFICATION
(1)	(2)	(3)	(4)
	<input type="checkbox"/> Yes — SKIP to column (5) and mark according to Table A in Part C of manual. <input type="checkbox"/> No	Do the occupants/visitors of (Address in column (1)) live and eat separately from all other persons on the property? <input type="checkbox"/> Yes <input type="checkbox"/> No — Mark "N" box in column (5)	N — Not a separate unit (include on this control card.) HU } Separate unit. (Do not include on this control card.) OT }
	<input type="checkbox"/> Yes — SKIP to column (5) and mark according to Table A in Part C of manual. <input type="checkbox"/> No	Does (Address in column (1)) have direct access either from the outside or through a common hall? <input type="checkbox"/> Yes — Mark "HU" box in column (5) <input type="checkbox"/> No — Mark "N" box in column (5)	N — STOP Table X — Continue interview with original unit. HU } Fill column (6) and follow instructions according to type of listing sheet. OT }
	<input type="checkbox"/> Yes — SKIP to column (5) and mark according to Table A in Part C of manual. <input type="checkbox"/> No	Yes — Mark "HU" box in column (5) No — Mark "N" box in column (5)	N — STOP Table X — Continue interview with original unit. HU } Fill column (6) and follow instructions according to type of listing sheet. OT }

Facsimile of the Control Card: 1993—Con.

Page 4

PGM	30 SAMPLE (See item 1 or label, page 1) <input type="checkbox"/> F4 } Fill item 31 <input type="checkbox"/> F5 } <input type="checkbox"/> F7 - Go to item 3c, page 1 <input type="checkbox"/> F8 - Skip to item 3B	31 TYPE OF LISTING SHEET SAMPLE UNIT LISTED ON (See segment folder.) <input type="checkbox"/> AHS-211 - Fill item 32 <input type="checkbox"/> 11-211 2 <input type="checkbox"/> Address Segment - Go to item 35 3 <input type="checkbox"/> Permit Segment - Go to item 40 4 <input type="checkbox"/> 11-213 - Go to item 3c, page 1	35 CHECK ITEM (See Listing Sheet.)											
			SURVEY YEAR											
			Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
32	AHS-211 TRANSCRIPTION Circle updating code assigned to this control number on AHS-211		1	1	1	1	1	1	1	1	1	1	1	1
1	Same (until one living quarters) Go to item 3c, page 1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	Converted to more Go to AHS-23	2	2	2	2	2	2	2	2	2	2	2	2	2
3	Merged to lower Go to AHS-23	3	3	3	3	3	3	3	3	3	3	3	3	3
4	No longer living quarters Go to item 3c, page 1	4	4	4	4	4	4	4	4	4	4	4	4	4
5	Other, census duplicate - Go to AHS-23 Unable to locate - Go to item 3c, page 1	5	5	5	5	5	5	5	5	5	5	5	5	5
6	Conversion from nonresidential use Go to item 3c, page 1	6	6	6	6	6	6	6	6	6	6	6	6	6
7	House moved in Go to item 3c, page 1	7	7	7	7	7	7	7	7	7	7	7	7	7
8	Mobile home moved in Go to item 3c, page 1	8	8	8	8	8	8	8	8	8	8	8	8	8
9	New wing/floor/unit in mobile home park, added to be used only for multi-unit addresses) Go to item 3c, page 1	9	9	9	9	9	9	9	9	9	9	9	9	9
10	WASHINGTON USE ONLY													
11	No longer living quarters Go to item 33	11	11	11	11	11	11	11	11	11	11	11	11	11
12	Resulted from a conversion of a unit to more units Go to item 34	12	12	12	12	12	12	12	12	12	12	12	12	12
13	Resulted from a merger of units to fewer units Go to item 34	13	13	13	13	13	13	13	13	13	13	13	13	13
14	Other (census misses, etc.) Go to item 3c, page 1	14	14	14	14	14	14	14	14	14	14	14	14	14
33	AHS 211 Code 11													
a. No longer a conversion Go to AHS 23 b. No longer a merger Go to AHS-23 c. Loss Go to item 3c, page 1			1	1	1	1	1	1	1	1	1	1	1	1
AHS-211 Code 12 or Code 13 Record Census serial numbers for all units assigned updating codes 2 or 3 with the same subscript, if any, in column 8 of the AHS-211 listing sheet. Census serial numbers			2	2	2	2	2	2	2	2	2	2	2	2
			3	3	3	3	3	3	3	3	3	3	3	3
4.1 Did ... (unit designation of current sample unit) exist as one living quarters since ... (last survey period)? GO TO ITEM 3C, PAGE 1			1	2	1	2	1	2	1	2	1	2	1	2
4.2 Is ... (unit designation of current sample unit) the result of combining (apartmental/alias) since ... (last survey year)? GO TO ITEM 3C, PAGE 1			1	2	1	2	1	2	1	2	1	2	1	2
4.3 Is ... (unit designation of current sample unit) the result of - (1) Converting nonresidential space to living space since ... (last survey year)? If "Yes," go to item 3c, page 1. (2) Adding a new (wing or floor/mobile home alias) since ... (last survey year)? If "Yes," go to item 3c, page 1. (3) Merging in a (house/mobile home) since ... (last survey year)? If "Yes," go to item 3c, page 1. (4) Some other change since ... (last survey year)? If "Yes," specify below and go to item 3c, page 1			1	2	1	2	1	2	1	2	1	2	1	2
4.4 Did ... (unit designation of current sample unit) exist as one living quarters since ... (last survey period)? GO TO ITEM 3C, PAGE 1			1	2	1	2	1	2	1	2	1	2	1	2

Notes

GO TO ITEM 3C, PAGE 1

GO TO ITEM 3C, PAGE 1

FORM AHS-21 (5-13-91)

OMB No. 2528-0017; Approval Expires 03/31/94

**FORM AHS-22**  
U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
ACTING ASSISTANT SECRETARY FOR  
DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

**AMERICAN HOUSING SURVEY  
NATIONAL SAMPLE  
1993**

**OCCUPIED HOUSING UNITS**

**1. CONTROL NUMBER**  
PSU: \_\_\_\_\_ Segment: \_\_\_\_\_ Serial: \_\_\_\_\_ Sample: \_\_\_\_\_ Check Digit: \_\_\_\_\_

**2a.** Date of first visit: Month: \_\_\_\_\_ Day: \_\_\_\_\_ Year: \_\_\_\_\_  
0010

**b.** Field Representative name: \_\_\_\_\_

**c.** Interview method:  
1  Personal visit  
2  Telephone  
0018

**3.** Check item (See Control Card item 6.)  
1  Control number in sample last enumeration period - Complete item 4  
2  Control number in sample for first time this enumeration period - Skip to item 6g  
0019

**4.** (See Control Card items 11 and 14.)  
Are any household members the same this time as last enumeration period?  
1  URE household  
2  Yes  
3  No  
4  Don't know  
0020

**5.** Is this the same (house/apartment/mobile home) that was at this address last enumeration period? Mark if house/apartment. Ask if mobile home.  
1  Yes  
2  No, for example, replacement mobile home, wrong unit interviewed last time, etc.  
0030

**6a.** Check item  
1  FS sample control number in sample for first time  
2  All Others - Skip to 6g  
0031

**b.** Did these living quarters move to this site?  
1  Yes  
2  No - Skip to 6e  
0032

**c.** If the living quarters were moved to this site, were they placed before September 1989?  
1  Yes - Skip to 6g  
2  No  
0033

**d.** If the living quarters were moved to this site, were they placed before September 1991?  
1  Yes - Skip to 6g  
2  No - Skip to 6g  
0034

**e.** If the living quarters did not move to this site, did it become a living quarters before September 1989?  
1  Yes - Skip to 6g  
2  No  
0035

**f.** If the living quarters did not move to this site, did it become a living quarters before September 1991?  
1  Yes  
2  No  
0036

**6g.** Type of interview  
1  Regular occupied - (One or more "1's" in Control Card item 14) - Go to item 20, page 2  
2  URE occupied - (All "2's" in Control Card item 14) - Go to item 124, page 24  
3  Type A noninterview  
0040

**7.** Type A noninterview reason  
01  No one home  
02  Temporarily absent  
03  Refused  
04  Unable to locate  
05  Other occupied - Specify \_\_\_\_\_  
0050

**8.** Occupancy status for Type A noninterviews  
1  Occupied as a usual residence by at least one person  
2  All occupants have a usual residence elsewhere  
3  Don't know  
Go to Control Card item 9a  
0060

**9.** Mortgage (See item 94, page 20)  
1  Mortgage information not required OR callback not required  
2  Callback required  
3  Unable to obtain information - Explain 7  
0070

**10.** Nonrelative income (See items 186 and 199, page 51.)  
1  Item 199 marked "All others" - no callback required  
2  Item 199c has amount or "DK" or "Ref" for all nonrelative age 14+ or item 199d is "None" - no callback required  
3  Item 199c blank for any nonrelative age 14+ - telephone callback required  
4  Information obtained  
5  Unable to obtain information - Explain 7  
0131

**11-13. WASHINGTON USE ONLY**  
**14a.** Field Representative: Is there any information for this sample unit which should be reviewed by the office prior to data keying?  
1  Review not required  
2  Review required  
0138

**b.** OFFICE USE ONLY  
1  Review completed  
2  Review required  
0139

**15.** OFFICE USE ONLY  
EDIT FOLLOWUP REQUIRED →

Page: \_\_\_\_\_ Item: \_\_\_\_\_  
Page: \_\_\_\_\_ Item: \_\_\_\_\_  
Page: \_\_\_\_\_ Item: \_\_\_\_\_  
0136  
0137  
0138

**16.** In what language was the interview conducted?  
1  English  
2  Spanish  
3  Other - Specify \_\_\_\_\_  
0143

**17.** Address correction/address addition  
- 5103  
First address line: \_\_\_\_\_  
Second address line: \_\_\_\_\_  
Place or city: \_\_\_\_\_ State: \_\_\_\_\_ ZIP Code: \_\_\_\_\_  
0050

**18-19. WASHINGTON USE ONLY**

REGULAR OCCUPIED	
<p><b>MARK OR ASK -</b> 20. Are your living quarters in a - (Read all answer categories.)</p>	<p><b>-B.111-</b> 1 <input type="checkbox"/> one-unit mobile home? - Skip to item 23 and mark box "4" 2 <input type="checkbox"/> one-unit building, detached from any other building? - Skip to item 23 and mark box "1" 3 <input type="checkbox"/> one-unit building, attached to one or more buildings? - Skip to item 22a 4 <input type="checkbox"/> building/mobile home with two or more apartments? - Skip to item 21b</p>
<p><b>21a. WASHINGTON USE ONLY</b></p>	<p>Number - Skip to item 23 and mark box "3" or "5"</p>
<p>b. How many apartments are in the (building/mobile home)?</p>	<p>1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 3 <input type="checkbox"/> Don't know } Skip to item 22c</p>
<p>22a. Does your (house/apartment) share an attic or basement with the (house/apartment) next door?</p>	<p>1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 3 <input type="checkbox"/> Don't know } Skip to item 23 and mark box "2"</p>
<p>b. How many (houses/apartments) including your own share the attic or basement?</p>	<p>Number - If one, reask item 22a and correct entry. If more than one, skip to item 23 and mark box "3".</p>
<p>c. Does your (house/apartment) share a furnace or boiler with the (house/apartment) next door?</p>	<p>1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 3 <input type="checkbox"/> Don't know } Skip to item 23 and mark box "2"</p>
<p>d. How many (houses/apartments) including your own share the furnace or boiler?</p>	<p>Number - If one, reask item 22c and correct entry. If more than one, skip to item 23 and mark box "3".</p>
<p><b>e. WASHINGTON USE ONLY</b></p>	<p>Number - If one, reask item 22c and correct entry. If more than one, skip to item 23 and mark box "3".</p>
<p><b>f. WASHINGTON USE ONLY</b></p>	<p>Number - If one, reask item 22c and correct entry. If more than one, skip to item 23 and mark box "3".</p>
<p>23. Check item Final structure type classification based on entries in items 20-22.</p>	<p>1 <input type="checkbox"/> One-unit building - detached 2 <input type="checkbox"/> One-unit building - attached 3 <input type="checkbox"/> Two-or-more-unit building } Skip to item 25a 4 <input type="checkbox"/> Mobile home - one unit } 5 <input type="checkbox"/> Mobile home - two-or-more units }</p>
<p>24. Is the house built - (Read answer categories until a "Yes" reply is received.)</p>	<p>1 <input type="checkbox"/> With a basement under all the building? 2 <input type="checkbox"/> With a basement under part of the building? 3 <input type="checkbox"/> With a crawl space? 4 <input type="checkbox"/> On a concrete slab? 5 <input type="checkbox"/> In some other way? - Specify 7</p>
<p>25a. In the (house/apartment) part of a condominium or cooperative?</p>	<p>1 <input type="checkbox"/> No 2 <input type="checkbox"/> Yes, condominium } Skip to item 26a, page 3 3 <input type="checkbox"/> Yes, cooperative</p>
<p>b. To the Census Bureau, a cooperative is property which is owned by a corporation. Each shareholder is entitled to occupy an individual unit. Is this what you mean when you say this is a cooperative?</p>	<p>1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No - Reask item 25a and correct entry</p>

REGULAR OCCUPIED - Continued	
<p>26a. How many of each of the following rooms does this (house/apartment) have? (For a one room efficiency or studio apartment, enter "1" for living room, enter the correct number of bathrooms, and mark "None" for all other rooms.)</p>	<p>1240 <input type="checkbox"/> None Number 1250 <input type="checkbox"/> None Number 1260 <input type="checkbox"/> None Number 1270 <input type="checkbox"/> None Number 1280 <input type="checkbox"/> None Number 1290 <input type="checkbox"/> None Number 1300 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No - Skip to item 26d</p>
<p>(1) Bedrooms? (2) How many full bathrooms with hot and cold piped water, AND a sink, AND a flush toilet, AND a bathtub or shower? (3) How many half bathrooms? (Toilet OR bathtub OR shower?) (4) Kitchens? (5) Living rooms? (6) Separate dining rooms? b. Are there any other rooms? (Exclude halls, foyers, pantries, garages, porches or areas that aren't separated by a built-in, floor-to-ceiling wall extending at least a few inches into room.) c. What are they? (Complete all 3 parts.)</p>	<p>1310 Number of family rooms, dens, recreation rooms and/or libraries 1320 Number of rooms that are business space with direct access to outside 1330 Number of other rooms, finished or unfinished</p>
<p>d. Check item (See items 21b and 23 and Control Card 3a and 3f.)</p>	<p>1 <input type="checkbox"/> 1 or 2 unit building. 2 <input type="checkbox"/> Mobile home not in park. 3 <input type="checkbox"/> 3 or more unit building or mobile home in park - Skip to item 27, page 4</p>
<p>e. Are there any mobile homes on this property (--- farther than this one)?</p>	<p>1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No - Skip to item 27, page 4</p>
<p>f. What is the (model) year of (each/the) mobile home (--- excluding this one)? (Exclude mobile home(s) already listed in Table X or on the listing sheet.)</p>	<p>1341 <input type="checkbox"/> 19 1342 <input type="checkbox"/> 19 1343 <input type="checkbox"/> 19 1344 <input type="checkbox"/> 19 1345 <input type="checkbox"/> 19</p>
<p>Notes</p>	<p>1341 <input type="checkbox"/> All mobile homes already listed</p>

**REGULAR OCCUPIED - Continued**

**33a.** Does the (house/apartment) have hot and cold piped water?  
(For this household's use only)  
1  Yes  
2  No - Skip to item 34a

**b.** What fuel is used MOST to heat the water?  
1  Electricity  
2  Gas  
3  Fuel oil  
4  Kerosene or other liquid fuel  
5  Coal or coke  
6  Wood  
7  Solar energy  
8  Other - Specify 7

**c.** Was your home ever completely without running water in the last 3 months?  
(While household was living here if less than 3 months)  
1  Yes  
2  No water stoppage - Skip to item 34a

**d.** How many times was it not available for 6 hours or more?  
\_\_\_\_\_ Water stoppages lasting 6 hours or more  
0  None lasted 6 hours

**34a.** Does most of the water for your home used for cooking and drinking come from a public or private system, an individual well, or some other source?  
1  Public or private water system - Skip to item 34c  
2  Individual well - Ask item 34b  
3  Spring  
4  Cistern  
5  Stream or lake  
6  Bottled water  
7  Other - Specify 7

**b.** Is the well drilled or dug?  
1  Drilled  
2  Dug

**c.** Does the (system/well) serve 15 or more homes?  
1  Yes - Skip to item 35a, page 6  
2  No - Ask item 34d

**d.** How many homes does the (system/well) serve?  
1  Only this house or apartment  
2  2 to 5  
3  6 to 9  
4  10 to 14

Notes

**REGULAR OCCUPIED - Continued**

**27.** Does the (house/apartment) have a kitchen sink?  
(For this household's use only)  
1  Yes  
2  No

**28.** Check item (See item 26a.)  
 One or more full bathrooms - Skip to item 29c  
 No full bathrooms - Ask item 29a

**29a.** Does the (house/apartment) have a bathtub or shower for this household's use only?  
1  Yes  
2  No

**b.** Does the (house/apartment) have a flush toilet for this household's use only?  
1  Yes - Skip to item 30a  
2  No - Skip to item 31a

**c.** (In the bathroom/are the bathrooms) for this household's use only?  
1  Yes, exclusive use  
2  No, shared

**30a.** In the last 3 months, was there any time when ALL the toilets in the home were not working?  
1  Yes  
2  No toilet breakdowns - Skip to item 31a

**b.** How many of these breakdowns lasted 6 hours or more?  
\_\_\_\_\_ Number of toilet breakdowns lasting 6 hours or more  
0  No toilet breakdowns lasting 6 hours  
1  Yes, concealed  
2  No  
3  No electrical wiring - Skip to item 32a

**31a.** Is all the wiring in the finished areas of your home concealed either in walls or metal coverings?  
(Exclude appliance cords, extension cords, chandelier cords, telephone, antenna, or cable TV wires.)  
1  Yes  
2  No

**b.** Does every room have an electric outlet or wall plug that works?  
1  Yes  
2  No

**c.** Have any fuses blown or circuit breakers tripped in the last 3 months?  
(For the home)  
(While household was living here if less than 3 months)  
1  Yes  
2  No  
3  Don't know

**d.** How many times in the last 3 months?  
\_\_\_\_\_ Number

**32a.** Has water leaked into your home from OUTDOORS in the last 12 months? For example, has water leaked through the roof, basement, walls, CLOSED windows, doors or skylights? Exclude plumbing or other inside leaks.  
(While household was living here if less than 12 months)  
1  Yes  
2  No - Skip to item 32c

**b.** Where did the water come in?  
(Mark (X) all that apply.)  
1  Roof  
2  Basement  
3  Walls or around closed windows or closed doors  
4  Other - Specify 7

**c.** Have there been water leaks in your (house/apartment) from INSIDE the building in the last 12 months? For example, water from broken pipes or water heaters, backed up plumbing, or water that came in from another unit.  
(Exclude leaky faucets, waterbeds, aquariums, and such leaks.)  
(While household was living here if less than 12 months)  
1  Yes  
2  No - Skip to item 32a, page 5

**d.** Where did the water come from?  
(Mark (X) all that apply.)  
1  Own plumbing fixtures backed up  
2  Pipes leaked (include pipe leaks from other apartments)  
3  Other or unknown - Specify 7

REGULAR OCCUPIED - Continued	
<p><b>35a.</b> Is the (house/apartment) connected to a public sewer?</p> <p><b>1840</b> <input type="checkbox"/> Yes - Skip to item 35d <input type="checkbox"/> No</p>	
<p><b>b.</b> What means of sewage disposal does the (house/apartment) have?</p> <p><b>1890</b> <input type="checkbox"/> Septic tank or cesspool - Ask item 35c <input type="checkbox"/> Chemical toilet <input type="checkbox"/> Outhouse or privy <input type="checkbox"/> Other - Specify <i>Z</i> <input type="checkbox"/> None <input type="checkbox"/> One <input type="checkbox"/> 2 to 5 <input type="checkbox"/> 6 or more</p>	<p>Skip to item 36a</p>
<p><b>c.</b> How many homes are connected to the (septic tank/cesspool)?</p> <p><b>1840</b> <input type="checkbox"/> One <input type="checkbox"/> 2 to 5 <input type="checkbox"/> 6 or more</p>	
<p><b>d.</b> Did the sewage system break down in the last 3 months? (So that it was completely unusable) (While household was living here if less than 3 months)</p> <p><b>1870</b> <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>Skip to item 36a</p>
<p><b>e.</b> How many of these breakdowns lasted 6 hours or more?</p> <p><b>1860</b> <input type="checkbox"/> None lasted 6 hours <input type="checkbox"/> Sewage breakdowns lasting 6 hours or more</p>	
<p><b>36a.</b> Does your (house/apartment) have a refrigerator? (For this household's use only) (Exclude ice boxes.)</p> <p><b>1890</b> <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 37a</p>	
<p><b>b.</b> Is it more than 5 years old? (Age of newest if two or more)</p> <p><b>1800</b> <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p><b>37a.</b> Does your (house/apartment) have a garbage disposal in the sink?</p> <p><b>1810</b> <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 38a</p>	
<p><b>b.</b> Is it more than 5 years old?</p> <p><b>1820</b> <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p><b>38a.</b> Does your (house/apartment) have a cookstove or range with an oven? (For this household's use only) (Include microwaves. Exclude toaster-ovens and portable burners.)</p> <p><b>1830</b> <input type="checkbox"/> Yes - Skip to item 38c <input type="checkbox"/> No</p>	
<p><b>b.</b> Does your (house/apartment) have - (For this household's use only)</p> <p>(1) an oven? <b>1840</b> <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>(2) cooking burners? <b>1850</b> <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><b>c.</b> Is it (Are they) more than 5 years old? (Age of newest if two or more)</p> <p><b>1860</b> <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>If both are "No," skip to item 39a</p>
<p><b>d.</b> What fuel is used MOST for cooking?</p> <p><b>1870</b> <input type="checkbox"/> Electricity <input type="checkbox"/> Gas <input type="checkbox"/> Kerosene or other liquid fuel <input type="checkbox"/> Coal or coke <input type="checkbox"/> Wood <input type="checkbox"/> Other - Specify <i>Z</i> <input type="checkbox"/> No fuel used</p>	
<p><b>39a.</b> Does your (house/apartment) have a dishwasher?</p> <p><b>1880</b> <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 40a, page 7</p>	
<p><b>b.</b> Is it more than 5 years old?</p> <p><b>1700</b> <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	

REGULAR OCCUPIED - Continued	
<p><b>40a.</b> Does your (house/apartment) have a washing machine (---/in the apartment)?</p> <p><b>1710</b> <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to 41a</p>	
<p><b>b.</b> Is it more than 5 years old?</p> <p><b>1720</b> <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p><b>41a.</b> Does your (house/apartment) have a clothes dryer (---/in the apartment)?</p> <p><b>1730</b> <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to 42a</p>	
<p><b>b.</b> Is it more than 5 years old?</p> <p><b>1740</b> <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p><b>c.</b> What kind of fuel does the dryer use?</p> <p><b>1750</b> <input type="checkbox"/> Electricity <input type="checkbox"/> Gas <input type="checkbox"/> Other - Specify <i>Z</i></p>	
<p><b>42a.</b> Does your (house/apartment) have central air conditioning?</p> <p><b>1760</b> <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to 42c</p>	
<p><b>b.</b> What kind of fuel does it use?</p> <p><b>1770</b> <input type="checkbox"/> Electricity <input type="checkbox"/> Gas <input type="checkbox"/> Other - Specify <i>Z</i></p>	<p>Skip to item 43a</p>
<p><b>c.</b> Do you use any room air conditioners?</p> <p><b>1780</b> <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to 43a</p>	
<p><b>d.</b> How many?</p> <p><b>1790</b> _____ Number</p>	
<p><b>43a.</b> What fuel is used MOST for heating the (house/apartment)?</p> <p><b>1800</b> <input type="checkbox"/> Electricity <input type="checkbox"/> Gas <input type="checkbox"/> Fuel oil <input type="checkbox"/> Kerosene or other liquid fuel <input type="checkbox"/> Coal or coke <input type="checkbox"/> Wood <input type="checkbox"/> Solar energy <input type="checkbox"/> Other - Specify <i>Z</i></p>	
<p><b>b.</b> Besides (Fuel marked in item 43a), what other fuel is used for heating the (house/apartment)? (Mark (X) all that apply.)</p> <p><b>1810</b> <input type="checkbox"/> Electricity <input type="checkbox"/> Gas <input type="checkbox"/> Fuel oil <input type="checkbox"/> Kerosene or other liquid fuel <input type="checkbox"/> Coal or coke <input type="checkbox"/> Wood <input type="checkbox"/> Solar energy <input type="checkbox"/> Other - Specify <i>Z</i></p>	<p><input type="checkbox"/> None - Skip to item 44, page 8</p>
<p>Notes _____</p> <p>_____</p> <p>_____</p>	



REGULAR OCCUPIED - Continued	
<p>44. Does the (house/apartment) have a usable fireplace?</p> <p>1830 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p>	<p>1830 <input type="checkbox"/> Yes - Ask item 47b <input type="checkbox"/> No 3 <input type="checkbox"/> Did not live here last winter } Skip to item 48a</p>
<p>PLEASE LOOK AT THIS CARD.</p> <p>45a. What type of heating equipment is used MOST to heat the (house/apartment)? (Read answer categories until heating equipment used most is mentioned.)</p> <p>1840</p> <p>1 <input type="checkbox"/> A central warm-air furnace with air vents or ducts to the individual rooms? - Ask item 45b</p> <p>2 <input type="checkbox"/> Steam or hot-water system with radiators OR other system using steam or hot water? Skip to item 46a</p> <p>3 <input type="checkbox"/> Electric heat pump?</p> <p>4 <input type="checkbox"/> Other built-in electric units permanently installed in wall, ceiling, or baseboards?</p> <p>5 <input type="checkbox"/> Floor, wall, or other built-in, hot-air heater without ducts?</p> <p>6 <input type="checkbox"/> Kerosene, gas, or oil room heater(s)? - Skip to item 45b</p> <p>7 <input type="checkbox"/> Portable electric heater(s)?</p> <p>8 <input type="checkbox"/> Stove(s)?</p> <p>9 <input type="checkbox"/> Fireplace(s) WITH inserts, that is, installed equipment designed to circulate more heat into the room? Skip to item 46a</p> <p>10 <input type="checkbox"/> Fireplace(s) with NO inserts?</p> <p>11 <input type="checkbox"/> Some other type of heating equipment? - Specify _____</p> <p>12 _____</p> <p>13 <input type="checkbox"/> None? - Skip to item 48a, page 9</p>	<p>1830 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p> <p>1840</p> <p>1 <input type="checkbox"/> Yes, electricity 2 <input type="checkbox"/> No - Skip to item 46a</p> <p>1840</p> <p>3 <input type="checkbox"/> Yes } Skip to item 46a 4 <input type="checkbox"/> No</p> <p>1840</p> <p>5 <input type="checkbox"/> Yes 6 <input type="checkbox"/> No</p> <p>1850</p> <p>1 <input type="checkbox"/> A central warm-air furnace with air vents or ducts to the individual rooms</p> <p>2 <input type="checkbox"/> Steam or hot-water system with radiators OR other system using steam or hot water</p> <p>3 <input type="checkbox"/> Electric heat pump</p> <p>4 <input type="checkbox"/> Other built-in electric units permanently installed in wall, ceiling, or baseboards</p> <p>5 <input type="checkbox"/> Floor, wall, or other built-in, hot-air heater without ducts</p> <p>6 <input type="checkbox"/> Kerosene, gas, or oil room heater(s), VENTED to the outside through a chimney, flue, or pipes</p> <p>7 <input type="checkbox"/> UNVENTED kerosene, gas, or oil room heaters</p> <p>8 <input type="checkbox"/> Portable electric heater(s)</p> <p>9 <input type="checkbox"/> Stove(s)</p> <p>10 <input type="checkbox"/> Fireplace(s) WITH inserts, that is, installed equipment designed to circulate more heat into the room</p> <p>11 <input type="checkbox"/> Fireplace(s) with NO inserts</p> <p>12 <input type="checkbox"/> Some other type of heating equipment - Specify _____</p> <p>13 <input type="checkbox"/> None - Skip to item 47a, page 9</p>
<p>MARK OR ASK -</p> <p>b. Is the heating fuel for the furnace electricity?</p> <p>1840 <input type="checkbox"/> Yes, electricity 1 <input type="checkbox"/> No - Skip to item 46a</p> <p>c. Is that a heat pump?</p> <p>1840 <input type="checkbox"/> Yes } Skip to item 46a 2 <input type="checkbox"/> No</p> <p>d. Is your room heater VENTED to the outside through a chimney, flue, or pipe?</p> <p>1840 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No</p>	<p>1830 <input type="checkbox"/> Yes - Ask item 47b <input type="checkbox"/> No 3 <input type="checkbox"/> Did not live here last winter } Skip to item 48a</p> <p>1830 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No, didn't break down - Skip to item 47e</p> <p>1850</p> <p>0 <input type="checkbox"/> Never broken for 6 hours Number of breakdowns lasting 6 hours or more</p> <p>1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No - Skip to item 48a</p> <p>1830 <input type="checkbox"/> Utility interruption 2 <input type="checkbox"/> Inadequate heating capacity 3 <input type="checkbox"/> Inadequate insulation 7 <input type="checkbox"/> Other Specify _____</p> <p>1830 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p> <p>1830 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p> <p>1840 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p> <p>1850 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p> <p>1870 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p> <p>1850</p> <p>0 <input type="checkbox"/> No neighborhood - Skip to item 51a, page 10</p> <p>2000 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No - Skip to item 51a, page 10</p> <p>2010 <input type="checkbox"/> No problem 2 <input type="checkbox"/> Crime 3 <input type="checkbox"/> Noise 4 <input type="checkbox"/> Traffic 5 <input type="checkbox"/> Litter or housing deterioration 6 <input type="checkbox"/> Poor city/county services 7 <input type="checkbox"/> Undesirable commercial, institutional, or industrial property 8 <input type="checkbox"/> People 9 <input type="checkbox"/> Other</p>
<p>46a. What other kinds of heating equipment does the (house/apartment) have or use? (Mark (X) all that apply.)</p> <p>b. Anything else?</p> <p><input type="checkbox"/> Yes - Mark appropriate boxes, then go to item 47b, page 9</p> <p><input type="checkbox"/> No - Go to item 47a, page 9</p>	<p>47a. Last winter was there any time when the (house/apartment) was so cold for 24 hours or more that it caused anyone in your household discomfort?</p> <p>1830 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No, didn't break down - Skip to item 47e</p> <p>b. Was that because the heating equipment broke down?</p> <p>1830 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No - Skip to item 48a</p> <p>c. How many times did it (they all) break down for 6 hours or more?</p> <p>1850</p> <p>0 <input type="checkbox"/> Never broken for 6 hours Number of breakdowns lasting 6 hours or more</p> <p>d. Was it cold for any other reason?</p> <p>1830 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No - Skip to item 48a</p> <p>e. What was the reason?</p> <p>1830 <input type="checkbox"/> Utility interruption 2 <input type="checkbox"/> Inadequate heating capacity 3 <input type="checkbox"/> Inadequate insulation 7 <input type="checkbox"/> Other Specify _____</p> <p>48a. Does the (house/apartment) have a porch, deck, balcony, or patio? (Measuring at least four feet by four feet) (Exclude if already counted as a room.)</p> <p>1830 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p> <p>b. Does the (house/apartment) have open cracks or holes in the inside walls or ceilings? (Cracks thicker than a dime)</p> <p>1840 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p> <p>c. Does the (house/apartment) have holes in the floors? (Big enough for someone to trip in)</p> <p>1840 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p> <p>d. Does the (house/apartment) have any area of peeling paint or broken plaster bigger than 8 inches by 11 inches? (The size of a weekly news magazine or standard letter)</p> <p>1840 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p> <p>e. In the last 3 months have you seen any rats or signs of rats in the building? (Exclude mice and other rodents)</p> <p>1870 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p> <p>49. On a scale of 1 to 10, how would you rate the (house/apartment) as a place to live? 10 is best, 1 is worst.</p> <p>1850</p> <p>50a. How would you rate the neighborhood on a scale of 1 to 10? 10 is best, 1 is worst. (Mark "No neighborhood," if respondent volunteers this answer.)</p> <p>1890 <input type="checkbox"/> No neighborhood - Skip to item 51a, page 10</p> <p>b. Is there anything about the neighborhood that bothers you?</p> <p>2000 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No - Skip to item 51a, page 10</p> <p>c. What? (Write exact words and mark (X) all that apply.)</p> <p>2010 <input type="checkbox"/> No problem 2 <input type="checkbox"/> Crime 3 <input type="checkbox"/> Noise 4 <input type="checkbox"/> Traffic 5 <input type="checkbox"/> Litter or housing deterioration 6 <input type="checkbox"/> Poor city/county services 7 <input type="checkbox"/> Undesirable commercial, institutional, or industrial property 8 <input type="checkbox"/> People 9 <input type="checkbox"/> Other</p>

**REGULAR OCCUPIED - Continued**

**51a.** Check item (Mark (X) first box that applies.) (See Control Card items 9a and 25.)  
 Prior year date entered in Control Card item 9a  
 Respondent MOVED here after prior year date of interview - Skip to item 52a  
 Other(s) but not respondent MOVED here after prior year date of interview - Skip to item 59, page 11  
 All MOVED in before prior year date of interview - Go to item 51b  
 New sample unit (no prior year date entered in Control Card item 9a) - Skip to item 52a

**b.** Check item (See Control Card item 8b.)  
 Owned - Skip to item 73a, page 16  
 Rented - Skip to item 64a, page 14  
 No cash rent - Skip to item 64c, page 14

**52a.** What are the reasons you moved from your last residence?  
 (Mark (X) all that apply.)

2030  A private company or person wanted to use it for some purpose  
 Forced to leave by the government  
 Disaster (fire, flood, etc.)  
 New job or job transfer  
 To be closer to work/school/other  
 Other, financial/employment related  
 2040  To establish own household  
 Needed a larger house or apartment  
 Married, widowed, divorced, or separated  
 Other, family/personal related  
 2050  Wanted a better quality house (apartment)  
 Change from owner to renter OR renter to owner  
 Wanted lower rent or less expensive house to maintain  
 Other housing related reasons  
 Other - Specify Z

2070 \_\_\_\_\_ Number from item 52a  
 All reasons of equal importance

**b.** MARK if only one box checked in item 52a OR ASK if two or more boxes checked -  
 What is the MAIN reason you moved?

**53.** Check item (Mark (X) first box that applies.)  
 Box 1 marked in item 52a - Ask item 54a  
 Box 2 marked in item 52a - Skip to item 54b  
 Boxes 1 and 2 blank in item 52a - Skip to item 54c

**54a.** Did you leave -  
 (1) Because the owner, or members of the owner's family were going to move into that residence?  
 Yes - Skip to item 55a, page 11  
 No  
 (2) Because that unit was going to become a condominium or cooperative?  
 Yes - Skip to item 55a, page 11  
 No  
 (3) Because that residence was closed for repairs?  
 Yes - Skip to item 55a, page 11  
 No  
 (4) Because the government wanted to use the land or building for some other purpose?  
 Yes - Skip to item 55a, page 11  
 No  
 (5) Because that residence was condemned by the government as unfit for occupancy?  
 Yes - Ask (2)  
 No - Skip to (5)  
 (6) In addition to the reasons given, did you leave -  
 (1) Because a private company or person wanted to use it for some purpose?  
 Yes - Skip to item 55a, page 11  
 No - Ask (3)  
 (2) Was that because the owner or members of the owner's family were going to move into that residence?  
 Yes - Ask (6)  
 No - Ask (4)  
 (3) Because it was going to be a condominium or cooperative?  
 Yes - Skip to item 55a, page 11  
 No - Ask (4)  
 (4) Because it was closed for repairs?  
 Yes - Ask (6)  
 No - Skip to item 55a, page 11  
 (5) Because the government forced you to leave?  
 Yes - Skip to item 55a, page 11  
 No - Ask (7)  
 (6) Was that because the government wanted to use the land or building for some other purpose?  
 Yes - Ask (6)  
 No - Ask (7)  
 (7) Because it was condemned by the government as unfit for occupancy?  
 Yes  
 No

**REGULAR OCCUPIED - Continued**

**55a.** When you were going to move, did you look for a (house/apartment) in any neighborhood other than this?  
 Yes  
 No

**b.** Why did you choose this NEIGHBORHOOD?  
 (Write exact words and mark (X) all that apply.)

2200 \_\_\_\_\_  
 2210 \_\_\_\_\_  
 2220 \_\_\_\_\_  
 2230 \_\_\_\_\_ Box number from item 55b  
 All reasons of equal importance

1  Convenient to job  
 2  Convenient to friends or relatives  
 3  Convenient to leisure activities  
 4  Convenient to public transportation  
 5  Good schools  
 6  Other public services  
 7  Look/design of neighborhood  
 8  House was most important consideration  
 9  Other

**56a.** Before you moved, did you look at both (house/mobile homes) and apartments?  
 Yes  
 No  
 Looked only at this unit.

**b.** Why did you choose this particular (house/apartment)?  
 (Write exact words and mark (X) all that apply.)

2250 \_\_\_\_\_  
 2260 \_\_\_\_\_  
 2270 \_\_\_\_\_ Box number from item 56b  
 All reasons of equal importance

1  Financial reasons  
 2  Room layout/design  
 3  Kitchen  
 4  Size  
 5  Exterior appearance  
 6  Yard/trees/view  
 7  Quality of construction  
 8  Only one available  
 9  Other - Specify Z

**c.** What is the MAIN reason you chose this (house/apartment)?  
 All reasons of equal importance

**57.** Is this neighborhood better, worse, or about the same as your last neighborhood?  
 Better  
 Worse  
 About the same  
 Same neighborhood

**58.** Is this (house/apartment) better, worse, or about the same as your last home?  
 Better  
 Worse  
 About the same

**59.** Check item (See Control Card items 2a and 25.)  
 Only one person MOVED in (after prior year date of interview/new sample unit) - Skip to item 61a, page 12, enter line number in Group 1 column, and continue with item 61b.  
 Two or more persons MOVED in (after prior year date of interview/new sample unit) - Ask item 60a.

**60a.** Earlier you told me that ... (Specify names of movers) moved into this (house/apartment) ... /after ... (prior year date of interview). Did (all of you/they) move here from the same previous residence?  
 Yes  
 No - Skip to item 61a, page 12

**b.** INSTRUCTIONS (See Control Card item 26.)  
 If all moved in within a 6-month period - Skip to item 61a, page 12, enter line numbers in Group 1 column, and continue with item 61b.  
 If people moved in more than 6 months apart - Put them in separate groups in item 61a on pages 12 and 13 and ask items 61b - in for each group.

**61a. Which people moved here from the same previous residences?**

Enter the line numbers of all people who come from first home mentioned under Group 1, the line numbers of all people who come from the second home mentioned under Group 2, etc. If people moved from the same previous residence but more than 6 months apart, put them in separate groups.

Then ask items 61b - m for each mover group.

**b. What city, county, and State did l... (Specify names for line numbers in item 61a/you) live in just before moving here?**  
(Enter 2-character State code from flashcard.)

**c. What was the ZIP Code?**

**d. Did (you/they) live inside the incorporated limits of (City) above?**

**e. WASHINGTON USE ONLY**

**f. Was that residence -**  
(Read all answer categories.)

**g. Was that home -**  
(Read all answer categories.)

**h. Was that part of a condominium or cooperative?**

**i. To the Census Bureau, a cooperative is property which is owned by a corporation. Each shareholder is entitled to a share in the property. Is this what you mean when you say that it is a cooperative?**

**j. How many people lived in that household just before the move?**

**k. Was that home (owned/rented) by someone who moved here?**

**l. Was it (owned/rented) by a relative?**

**m. When l... (Specify names for line numbers in item 61a/you) moved, did (your/their) housing costs increase, decrease, or stay about the same, including utilities and (mortgage/rent)? (Compare their share, if not whole household.)**

**n. Go to next mover group. If none, go to item 62, page 14**

**REGULAR OCCUPIED - Continued**

**GROUP 1**

Enter the line numbers of all people who come from first home mentioned under Group 1, the line numbers of all people who come from the second home mentioned under Group 2, etc. If people moved from the same previous residence but more than 6 months apart, put them in separate groups.

Then ask items 61b - m for each mover group.

**b. What city, county, and State did l... (Specify names for line numbers in item 61a/you) live in just before moving here?**  
(Enter 2-character State code from flashcard.)

**c. What was the ZIP Code?**

**d. Did (you/they) live inside the incorporated limits of (City) above?**

**e. WASHINGTON USE ONLY**

**f. Was that residence -**  
(Read all answer categories.)

**g. Was that home -**  
(Read all answer categories.)

**h. Was that part of a condominium or cooperative?**

**i. To the Census Bureau, a cooperative is property which is owned by a corporation. Each shareholder is entitled to a share in the property. Is this what you mean when you say that it is a cooperative?**

**j. How many people lived in that household just before the move?**

**k. Was that home (owned/rented) by someone who moved here?**

**l. Was it (owned/rented) by a relative?**

**m. When l... (Specify names for line numbers in item 61a/you) moved, did (your/their) housing costs increase, decrease, or stay about the same, including utilities and (mortgage/rent)? (Compare their share, if not whole household.)**

**n. Go to next mover group. If none, go to item 62, page 14**

**REGULAR OCCUPIED - Continued**

**GROUP 2**

Enter the line numbers of all people who come from first home mentioned under Group 1, the line numbers of all people who come from the second home mentioned under Group 2, etc. If people moved from the same previous residence but more than 6 months apart, put them in separate groups.

Then ask items 61b - m for each mover group.

**b. What city, county, and State did l... (Specify names for line numbers in item 61a/you) live in just before moving here?**  
(Enter 2-character State code from flashcard.)

**c. What was the ZIP Code?**

**d. Did (you/they) live inside the incorporated limits of (City) above?**

**e. WASHINGTON USE ONLY**

**f. Was that residence -**  
(Read all answer categories.)

**g. Was that home -**  
(Read all answer categories.)

**h. Was that part of a condominium or cooperative?**

**i. To the Census Bureau, a cooperative is property which is owned by a corporation. Each shareholder is entitled to a share in the property. Is this what you mean when you say that it is a cooperative?**

**j. How many people lived in that household just before the move?**

**k. Was that home (owned/rented) by someone who moved here?**

**l. Was it (owned/rented) by a relative?**

**m. When l... (Specify names for line numbers in item 61a/you) moved, did (your/their) housing costs increase, decrease, or stay about the same, including utilities and (mortgage/rent)? (Compare their share, if not whole household.)**

**n. Go to next mover group. If none, go to item 62, page 14**

**REGULAR OCCUPIED - Continued**

**GROUP 3**

Enter the line numbers of all people who come from first home mentioned under Group 1, the line numbers of all people who come from the second home mentioned under Group 2, etc. If people moved from the same previous residence but more than 6 months apart, put them in separate groups.

Then ask items 61b - m for each mover group.

**b. What city, county, and State did l... (Specify names for line numbers in item 61a/you) live in just before moving here?**  
(Enter 2-character State code from flashcard.)

**c. What was the ZIP Code?**

**d. Did (you/they) live inside the incorporated limits of (City) above?**

**e. WASHINGTON USE ONLY**

**f. Was that residence -**  
(Read all answer categories.)

**g. Was that home -**  
(Read all answer categories.)

**h. Was that part of a condominium or cooperative?**

**i. To the Census Bureau, a cooperative is property which is owned by a corporation. Each shareholder is entitled to a share in the property. Is this what you mean when you say that it is a cooperative?**

**j. How many people lived in that household just before the move?**

**k. Was that home (owned/rented) by someone who moved here?**

**l. Was it (owned/rented) by a relative?**

**m. When l... (Specify names for line numbers in item 61a/you) moved, did (your/their) housing costs increase, decrease, or stay about the same, including utilities and (mortgage/rent)? (Compare their share, if not whole household.)**

**n. Go to next mover group. If none, go to item 62, page 14**

**REGULAR OCCUPIED - Continued**

**GROUP 4**

Enter the line numbers of all people who come from first home mentioned under Group 1, the line numbers of all people who come from the second home mentioned under Group 2, etc. If people moved from the same previous residence but more than 6 months apart, put them in separate groups.

Then ask items 61b - m for each mover group.

**b. What city, county, and State did l... (Specify names for line numbers in item 61a/you) live in just before moving here?**  
(Enter 2-character State code from flashcard.)

**c. What was the ZIP Code?**

**d. Did (you/they) live inside the incorporated limits of (City) above?**

**e. WASHINGTON USE ONLY**

**f. Was that residence -**  
(Read all answer categories.)

**g. Was that home -**  
(Read all answer categories.)

**h. Was that part of a condominium or cooperative?**

**i. To the Census Bureau, a cooperative is property which is owned by a corporation. Each shareholder is entitled to a share in the property. Is this what you mean when you say that it is a cooperative?**

**j. How many people lived in that household just before the move?**

**k. Was that home (owned/rented) by someone who moved here?**

**l. Was it (owned/rented) by a relative?**

**m. When l... (Specify names for line numbers in item 61a/you) moved, did (your/their) housing costs increase, decrease, or stay about the same, including utilities and (mortgage/rent)? (Compare their share, if not whole household.)**

**n. Go to next mover group. If none, go to item 62, page 14**

**REGULAR OCCUPIED - Continued**

**65g.** Check item (See Control Card item 6b.)  
 Current residence is -  
 Owned - Skip to item 73a, page 16  
 Rented - Go to item 64a  
 No cash rent - Skip to item 64c

**66a.** How often is the rent due?  
 - 6.11.1  
 2829 Times per year  
 Monthly  
 Monthly

**b.** How much is the rent?  
 (Include total amount paid by household AND any other source.)  
 (If parking priced separately, exclude it here and mark NO to items 64m and 64n without asking.)  
 2810 \$ 00

**c.** Check item (See item 23, page 2.)  
 Mobile home other one-unit or two-or-more-units - Ask item 64d  
 Not a mobile home - Skip to item 64m

**d.** Do you pay separate rent for the land?  
 (If land occupied in exchange for services, mark "Yes" and "No cash rent" in item 64i.)  
 2811  Yes  
 No - Skip to item 64g

**e.** How many times a year is the (land/lot) rent due?  
 2812 Times per year  
 Monthly  
 Monthly

**f.** What is the cost each... (Billing period)?  
 (If land occupied in exchange for services, mark "Yes" and "No cash rent" in item 64i.)  
 2813 \$ 00  
 No cash rent  
 Included in mobile home park fee or association fee

**g.** (In addition to the land rent), do you pay any (additional) mobile home park fee?  
 2814  Yes  
 No - Skip to item 64j

**h.** How many times a year is the fee due?  
 2815 Times per year  
 Monthly  
 Monthly

**i.** What is the cost each... (Billing period)?  
 2816 \$ 00  
 Included in mobile home rent

**j.** Are there any (other) required fees for utility hookups, mobile home association fees, and so forth?  
 2817  Yes  
 No - Skip to item 64m

**k.** How many times a year are the fees due?  
 2818 Times per year  
 Monthly  
 Monthly

**l.** What is the average cost each... (Billing period) for those fees?  
 2819 \$ 00

**m.** Is a garage or carport included (in the rent/with the home)?  
 2820  Yes - Skip to item 65a  
 No

**n.** Is an offstreet parking space included?  
 2821  Yes  
 No

**65a.** Is the building owned by a public housing authority?  
 2822  Yes - Skip to item 65g, page 15  
 No

**b.** Does the Federal government pay some of the cost of the unit?  
 2823  Yes - Skip to item 65g, page 15  
 No

**c.** Does the State or local government pay some of the cost of the unit?  
 2824  Yes - Skip to item 65g, page 15  
 No

**d.** Do (you/the people living here) have to report the household's income to someone every year so they can set the rent?  
 2825  Yes - Skip to item 65a, page 15  
 No

**e.** Does the local government limit the rent on the unit through rent control or rent stabilization?  
 2826  Yes  
 No

**f.** Is the rent adjusted because someone in the household works for or is related to the owner?  
 2827  Yes  
 No - Skip to item 65a, page 15

**REGULAR OCCUPIED - Continued**

**65g.** (If "3" circled in Control Card item 6b, mark "None" without asking.)  
 Vertical amount in items 64b and 65g - Verify amount in item 64b is TOTAL rent for the unit.  
 2828 \$ 00  
 None

**66a.** Check item  
 Yes in 65g - Ask item 65g  
 First digit of segment number is 1 - Ask item 65g  
 All others - Skip to item 65h

**b.** Were there any nonrefundable fees, or special upfront payments to occupy this unit, excluding a security deposit?  
 2812  Yes  
 No - Skip to 65e

**c.** How much was that?  
 2814 \$ 00  
 Landlord or owner?  
 Building manager or superintendant?  
 Rental agent or broker?  
 Former or existing tenant, if you submit?  Someone else?

**d.** Did you pay it to the -  
 (Read answer categories. Mark (X) all that apply.)  
 - Anyone else?  
 2818  Yes  
 No - Skip to 65h

**e.** Are there any special ongoing payments you have to make so conditions aren't changing there, (Exclude previously reported mobile home fees and OPTIONAL fees for painting, TV antennae/cable hookup, AC window units, etc.)  
 2823 \$ 00  
 Landlord or owner?  
 Building manager or superintendant?  
 Former or existing tenant, if you submit?  Someone else?

**f.** How much is that per month?  
 2824 \$ 00

**g.** Do you pay it to the -  
 (Read answer categories. Mark (X) all that apply.)  
 - Anyone else?  
 2824  Landlord or owner?  
 Building manager or superintendant?  
 Former or existing tenant, if you submit?  Someone else?

**h.** Check item - (See item 23, page 2.)  
 Mobile home other one-unit or two-or-more units - Skip to item 65a  
 Not a mobile home - Ask item 67

**67.** About when was the building originally built?  
 2810  1960 or later  
 2811  1970  
 2812  75-76  
 2813  80-89  
 2814  90-99  
 2815  40-49  
 2816  30-39  
 2817  20-29  
 2818  1919 or earlier  
 1980 or later  
 Year Month } Skip to item 70

**65a.** Excluding the dealer's lot, is this the first site on which this mobile home was placed?  
 2800  Yes, first site  
 No, moved from another site  
 Don't know

**b.** Is your mobile home included in a group of 2 or more?  
 2840  Yes  
 No, mobile home not in a group - Skip to item 69

**c.** How many, including your mobile home, are in the group?  
 2800 OR  
 21 or more  
 1980 or later  
 Year } Skip to item 70

**69.** What is the model year of the mobile home?  
 2810  1979  
 75-78  
 80-89  
 90-99  
 40-49  
 30-39  
 20-29  
 1939 or earlier

**70.** Where you the first (person/people) to occupy this home or did someone else live here before you?  
 2820  First occupants  
 Previously occupied

**REGULAR OCCUPIED - Continued**

**62. INTRODUCTION:** The next questions are about your current residence.

**63.** Check item (See Control Card item 6b.)  
 Current residence is -  
 Owned - Skip to item 73a, page 16  
 Rented - Go to item 64a  
 No cash rent - Skip to item 64c

**64a.** How often is the rent due?  
 - 6.11.1  
 2829 Times per year  
 Monthly  
 Monthly

**b.** How much is the rent?  
 (Include total amount paid by household AND any other source.)  
 (If parking priced separately, exclude it here and mark NO to items 64m and 64n without asking.)  
 2810 \$ 00

**c.** Check item (See item 23, page 2.)  
 Mobile home other one-unit or two-or-more-units - Ask item 64d  
 Not a mobile home - Skip to item 64m

**d.** Do you pay separate rent for the land?  
 (If land occupied in exchange for services, mark "Yes" and "No cash rent" in item 64i.)  
 2811  Yes  
 No - Skip to item 64g

**e.** How many times a year is the (land/lot) rent due?  
 2812 Times per year  
 Monthly  
 Monthly

**f.** What is the cost each... (Billing period)?  
 (If land occupied in exchange for services, mark "Yes" and "No cash rent" in item 64i.)  
 2813 \$ 00  
 No cash rent  
 Included in mobile home park fee or association fee

**g.** (In addition to the land rent), do you pay any (additional) mobile home park fee?  
 2814  Yes  
 No - Skip to item 64j

**h.** How many times a year is the fee due?  
 2815 Times per year  
 Monthly  
 Monthly

**i.** What is the cost each... (Billing period)?  
 2816 \$ 00  
 Included in mobile home rent

**j.** Are there any (other) required fees for utility hookups, mobile home association fees, and so forth?  
 2817  Yes  
 No - Skip to item 64m

**k.** How many times a year are the fees due?  
 2818 Times per year  
 Monthly  
 Monthly

**l.** What is the average cost each... (Billing period) for those fees?  
 2819 \$ 00

**m.** Is a garage or carport included (in the rent/with the home)?  
 2820  Yes - Skip to item 65a  
 No

**n.** Is an offstreet parking space included?  
 2821  Yes  
 No

**65a.** Is the building owned by a public housing authority?  
 2822  Yes - Skip to item 65g, page 15  
 No

**b.** Does the Federal government pay some of the cost of the unit?  
 2823  Yes - Skip to item 65g, page 15  
 No

**c.** Does the State or local government pay some of the cost of the unit?  
 2824  Yes - Skip to item 65g, page 15  
 No

**d.** Do (you/the people living here) have to report the household's income to someone every year so they can set the rent?  
 2825  Yes - Skip to item 65a, page 15  
 No

**e.** Does the local government limit the rent on the unit through rent control or rent stabilization?  
 2826  Yes  
 No

**f.** Is the rent adjusted because someone in the household works for or is related to the owner?  
 2827  Yes  
 No - Skip to item 65a, page 15

REGULAR OCCUPIED - Continued

**72a.** How large is the (building)?  
 (Include all connecting land that is owned or that is rented with the home.)  
 (If over 1 acre, drop any fractions, don't round up, if under one acre, convert to approximate square feet.)

One-eighth acre = 5500 sq. ft.  
 Quarter acre = 11000 sq. ft.  
 One-third acre = 14000 sq. ft.  
 Half acre = 22000 sq. ft.  
 Three-quarters acre = 33000 sq. ft.  
 One acre = 44000 sq. ft.

MARK OR ASK -  
 b. Is it more than 10 acres?  
 Yes  No

**NOTE** - Ask all categories in item 73a before proceeding to item 73b.

**73a.** These questions are about major repairs, improvements or alterations made to the (house/apartment) in the last 2 years.  
 (Count work only once; include work in progress.)  
 (While living here if less than 2 years.)

(1) Was all or part of the roof replaced in the last 2 years?  
 Yes  No

(2) Were any additions built?  
 Yes  No

(3) Was the kitchen remodeled or kitchen added?  
 Yes  No

(4) Were any bathrooms remodeled or added?  
 Yes  No

(5) Was any siding replaced or added in the last 2 years?  
 Yes  No

(6) Were any new storm doors or storm windows bought and installed?  
 Yes  No

(7) Was any major equipment, such as a furnace or central air conditioning replaced or added?  
 Yes  No

(8) Was insulation added?  
 Yes  No

(9) Were any (major) major improvements, over \$500 each done in the last 2 years?  
 Yes  No

**NOTE** - If "Yes" was answered for one or more categories in item 73a, ask item 73b.

**73b.** Did the household get a low interest loan or grant from a government program to help pay for making any of these repairs or alterations to your home?  
 Yes  No

REGULAR OCCUPIED - Continued

**76.** In just the last YEAR, how much was spent on routine maintenance such as painting, repairs, etc.? (---) (Exclude anything already mentioned.)  
 (Exclude housecleaning.)  
 \$  2840  00  Nothing

**77.** Check (rent, lease, own, etc.)  Rent  Lease  Own  Other  
 If mobile home, include lot or trailer.  If mobile home, include lot or trailer.  If mobile home, include lot or trailer.  
 (List if includes home - Ask item 78)

**78.** About when was the building originally built?  
 Month  Year   
 1980 or later  
 1979  
 75-78  
 70-74  
 60-69  
 50-59  
 40-49  
 30-39  
 20-29  
 1919 or earlier

**79a.** Excluding the dealer's lot, in this the first site on which this mobile home was placed?  
 Yes  No, moved from another site  
 Don't know

**b.** Is your mobile home included in a group of 2 or more?  
 Yes  No, mobile home not in a group - Skip to item 80

**c.** How many, including your mobile home, are in the group?  
 Exact number - (If 2 to 20 mobile homes)  
 21 or more

**80.** What is the model year of the mobile home?  
 1980 or later  
 1979  
 75-78  
 70-74  
 60-69  
 50-59  
 40-49  
 1939 or earlier

**81a.** Were you the first (person/people) to occupy this home or did someone else live here before you?  
 First occupants  Previously occupied

**b.** Is this home currently for rent or sale?  
 Yes  No - Skip to item 82a  
 rent only  
 rent or for sale?

**c.** Is it for -  
 (Read all answer categories.)  
 First occupants  Previously occupied  
 Yes  No - Skip to item 82a  
 rent only  
 rent or for sale?

**82a.** When did this household buy the (house/apartment)?  
 (If land and building bought at different times, building only)  
 Year  Year - Skip to item 82c  
 Owner built it or had it built - Skip to item 82c  
 Received as inheritance or gift

**b.** In what year did this household (inherit/receive) the home?  
 Year  Year - Skip to item 82e

**c.** What was the price?  
 (Exclude closing costs.)  
 (For mobile homes, exclude value of the land.)  
 \$  00

**d.** Was the main source of the down payment the sale of a previous home, savings, or something else?  
 (If bought outright, enter main source of full payment.)  
 Sale of previous home if sold during 12 months prior to purchase of new home - Skip to item 82f, page 18  
 Savings or cash on hand  
 Sale of other investment  
 Borrowing, other than a mortgage on this home  
 Inheritance or gift  
 Land where building was built used for financing  
 Other - Specify

**e.** (Have any of the owners now living here/have you) ever owned a home before?  
 Yes  No



**REGULAR OCCUPIED - Continued**

	FIRST (MORTGAGE/LOAN)	SECOND (MORTGAGE/LOAN)
85. How many mortgages are there now on the home/property?	3220	3220
86. Did you get the current (first/second) mortgage the same year you bought your home?	3225 - 6 151	3225 - 6 151
b. With regard to the (first/second) mortgage, did you get a new mortgage or did you assume someone else's mortgage?	3225 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No - Skip to item 96g	3225 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No - Skip to item 96g
c. How much was left to pay off when you assumed it?	3225	3225
d. How many years remained on the mortgage when you assumed it?	3225	3225
e. What year did you get the mortgage?	3225	3225
f. When you first obtained THIS mortgage, how many years was it for?	3225	3225
g. At your current payments, how long would it take to pay off the loan?	3225	3225
h. How much was borrowed?	3225	3225
i. Does this mortgage cover - (1) Other homes or apartments besides this one? (2) Farm land? (3) A business on this property?	3225 3225 3225	3225 3225 3225
j. How much of the (Amount in item 96c or h) applies just to your home?	3225	3225
k. What is the current interest rate on the mortgage? (Annual percentage rate) (Round down to nearest 1/4)	3225	3225
l. What is the current monthly payment?	3225	3225
m. Besides principal and interest, does this payment include - (1) Property taxes? (2) Homeowner's insurance? (3) Anything else? (4) How much were the other charges last year? (Do not include property taxes or homeowner's insurance.)	3225 3225 3225 3225	3225 3225 3225 3225

**REGULAR OCCUPIED - Continued**

88a. How large is the (lot/acre)? (Include all connecting land that is owned or that is rented with the home.) (If over one acre, drop any fractions, don't round up. If under one acre, convert to approximate square feet.)	3280	
One-eighth acre = 5000 sq. ft. Quarter acre = 11000 sq. ft. One-third acre = 14000 sq. ft. Half acre = 22000 sq. ft. Three-quarters acre = 33000 sq. ft. One acre = 44000 sq. ft.	3280	3280
MARK OR ASK - a. Is it more than 10 acres?	3280	3280
b. Is there a commercial establishment on the property?	3280	3280
c. Is there a medical or dental office on the property?	3280	3280
d. How much do you think the mobile home would sell for on today's market? (Do not include the value of the land.)	3280	3280
e. Do you own the land?	3280	3280
f. How much do you think the land would sell for on today's market?	3280	3280
88b. Is a garage or carport included with your home?	3280	3280
a. Is an offstreet parking space included?	3280	3280
90. Is the ownership of the (house/apartment) shared with anyone NOT living here?	3280	3280
91. Does anyone not living here pay some of the mortgage or utility costs?	3280	3280
92. Is there a mortgage, a Home Equity Loan, or other type of loan on this (house/apartment)? (Include "Land contracts" and other loans SECURED BY THE PROPERTY.)	3280	3280
93. Did you get your mortgage through a State or local government program that provides lower cost mortgages?	3280	3280
Notes		

**REGULAR OCCUPIED - Continued**

**98a.** What were the real estate taxes last year for the (condominium/cooperative) unit? (Include school taxes, special assessments, and any other taxes that are levied on the unit. Exclude taxes paid due from other years.) (Subtract any rebates.)

3320 \$ 00

**b.** Did you receive a real estate property tax rebate last year?

3324  Yes  No - Skip to item 100a

**c.** What was the amount of the property tax rebate?

3326 \$ 00

**100a.** Is there a required (condominium/cooperative) association fee?

3370  Yes  No - Skip to item 109a, page 25

**b.** How many times a year is the fee due?

3380 12 Times per year  Monthly

**c.** What is the average cost each ... (Billing period)?

3385 \$ 00 - Skip to item 109a, page 25

**101a.** On the mobile home (---) and its lot last year, what was the total cost of -

3320 \$ 00

property and real estate taxes, registration fees, and license fees?

(Include all connecting owned land. Include school taxes, special assessments, and any other real estate taxes.) (Exclude taxes paid due from other years.) (Subtract any rebates.)

**b.** Did you receive a real estate property tax rebate last year?

3324  Yes  No - Skip to item 102a, page 24

**c.** What was the amount of the property tax rebate?

3326 \$ 00

Notes

**REGULAR OCCUPIED - Continued**

**98b.** Is the mortgage an FHA, a VA, a Farmer's Home Administration, or some other type?

**FIRST (MORTGAGE/LOAN)**      **SECOND (MORTGAGE/LOAN)**

- 6 13 - 1      - 6 13 - 1

3430  FHA (Federal Housing Administration)       FHA (Federal Housing Administration)

3431  VA (Veterans Administration)       VA (Veterans Administration)

3432  Farmer's Home Administration - Go to item 98c       Farmer's Home Administration - Go to item 98c

3433  Some other type       Some other type

3434  Don't know       Don't know

**99.** Did you borrow the money from a bank or other organization, OR did you borrow it from an individual?

3440  Bank or other organization - Skip to item 99a       Bank or other organization - Skip to item 99a

3441  Individual       Individual

**a.** Was that the former owner of the home?

3450  Yes  No

**b.** Are the payments on this loan the same during the whole length of the mortgage?

3460  Yes - Skip to item 98a       No

**c.** How do they change? (Mark (X) at that apply.)

3470  Change in taxes or insurance, or due to decline in principal balance -

Do they change for any other reason?

Yes - Mark box 2, 3, 4, 5 and/or 7

No - Go to item 98a

Change based on interest rates

Rise at fixed schedule during part of loan

Rise at fixed schedule during whole length of loan

Last payment biggest

Other - Specify 7

(If box 5 marked above, ask) -

3480  1 - 25 percent       1 - 25 percent

3481  26 - 50       26 - 50

3482  51 - 75       51 - 75

3483  76 - 100       76 - 100

**d.** Check item (See item 95, page 19.)

3490  One mortgage - Skip to item 98a, page 23       One mortgage - Skip to item 98a, page 23

3491  Two or more mortgages - Go back to item 95       Two or more mortgages - Go back to item 95

**97a.** For the (third mortgage/other mortgage), how much did you borrow?

3495 \$ 00

**b.** What is your current monthly payment for the (third mortgage/other mortgage)?

3500 \$ 00

Notes



REGULAR OCCUPIED - Continued

107. Check item 107a. If "Yes", skip to item 109a. If "No", skip to item 108a.

108a. Is the land rent included with the mortgage payment?  Yes - Skip to item 109a  No - Skip to item 108b

108b. How many times a year is the land rent due?  Monthly  Times per year

108c. What does it cost each time?  Monthly  Times per year

109a. Does this household have (homeowner's/household property) insurance?  Yes  No - Skip to item 110

109b. In the past 12 months what was the total cost?  \$

110. Now I have some questions about the costs for electricity, gas, and other utilities for your home (this unit). Because accurate costs are important it will help if you would look up the amounts in your checkbook or other records. (Respondent may also use amounts entered in the respondent letter. If 2 or more utilities are billed together, try to obtain the costs for each one separately.)

a. (1) Do you have any records available showing your costs for electricity, SEPARATE FROM OTHER UTILITIES? (Mark "No" if records available, but separate costs not shown.)  Yes - Ask item 110a(2)  No - Skip to item 110a(4)

(2) From your records, what were the costs for electricity for the months of - (filed month and appropriate year categories.) (Do not include cents.)

Costs	Month	Year
3852	January	19
3853	April	19
3854	August	19
3855	December	19

(3) Check item  Electricity costs entered for 2 or more months - Skip to item 110M(1)  Electricity costs entered for 1 month or none - Ask item 110a(4)

(4) In the past 12 months what was the average MONTHLY cost for electricity? (Average MONTHLY cost) OR -  Electricity not used  Included in rent, site rent, condominium, or other fee, etc.  Obtained free

b. (1) Do you use gas? (If "All electric home," mark the "No" box without asking.)  Yes  No - Skip to item 110d, page 26

(2) Is the gas from underground pipes or bottled gas?  Underground pipes serving neighborhood  Bottled gas - Skip to item 110c(4), page 26

c. (1) Do you have any records available showing your costs for gas, SEPARATE FROM OTHER UTILITIES? (Mark "No" if records available, but separate costs not shown.)  Yes - Ask item 110c(2)  No - Skip to item 110c(4), page 26

(2) From your records, what were the costs for gas for the months of - (filed month and appropriate year categories.) (Do not include cents.)

Costs	Month	Year
3856	January	19
3857	April	19
3858	August	19
3859	December	19

(3) Check item  Gas costs entered for 2 or more months - Skip to item 110d, page 26  Gas costs entered for 1 month or none - Ask item 110c(4), page 26

REGULAR OCCUPIED - Continued

108a. Check item 108a. If "Yes", skip to item 109a. If "No", skip to item 108b.

108b. How many times a year is the land rent due?  Monthly  Times per year

108c. What does it cost each time?  Monthly  Times per year

109a. Does this household have (homeowner's/household property) insurance?  Yes  No - Skip to item 110

109b. In the past 12 months what was the total cost?  \$

110. Now I have some questions about the costs for electricity, gas, and other utilities for your home (this unit). Because accurate costs are important it will help if you would look up the amounts in your checkbook or other records. (Respondent may also use amounts entered in the respondent letter. If 2 or more utilities are billed together, try to obtain the costs for each one separately.)

a. (1) Do you have any records available showing your costs for electricity, SEPARATE FROM OTHER UTILITIES? (Mark "No" if records available, but separate costs not shown.)  Yes - Ask item 110a(2)  No - Skip to item 110a(4)

(2) From your records, what were the costs for electricity for the months of - (filed month and appropriate year categories.) (Do not include cents.)

Costs	Month	Year
3852	January	19
3853	April	19
3854	August	19
3855	December	19

(3) Check item  Electricity costs entered for 2 or more months - Skip to item 110M(1)  Electricity costs entered for 1 month or none - Ask item 110a(4)

(4) In the past 12 months what was the average MONTHLY cost for electricity? (Average MONTHLY cost) OR -  Electricity not used  Included in rent, site rent, condominium, or other fee, etc.  Obtained free

b. (1) Do you use gas? (If "All electric home," mark the "No" box without asking.)  Yes  No - Skip to item 110d, page 26

(2) Is the gas from underground pipes or bottled gas?  Underground pipes serving neighborhood  Bottled gas - Skip to item 110c(4), page 26

c. (1) Do you have any records available showing your costs for gas, SEPARATE FROM OTHER UTILITIES? (Mark "No" if records available, but separate costs not shown.)  Yes - Ask item 110c(2)  No - Skip to item 110c(4), page 26

(2) From your records, what were the costs for gas for the months of - (filed month and appropriate year categories.) (Do not include cents.)

Costs	Month	Year
3856	January	19
3857	April	19
3858	August	19
3859	December	19

(3) Check item  Gas costs entered for 2 or more months - Skip to item 110d, page 26  Gas costs entered for 1 month or none - Ask item 110c(4), page 26

REGULAR OCCUPIED - Continued

108a. Check item 108a. If "Yes", skip to item 109a. If "No", skip to item 108b.

108b. How many times a year is the land rent due?  Monthly  Times per year

108c. What does it cost each time?  Monthly  Times per year

109a. Does this household have (homeowner's/household property) insurance?  Yes  No - Skip to item 110

109b. In the past 12 months what was the total cost?  \$

110. Now I have some questions about the costs for electricity, gas, and other utilities for your home (this unit). Because accurate costs are important it will help if you would look up the amounts in your checkbook or other records. (Respondent may also use amounts entered in the respondent letter. If 2 or more utilities are billed together, try to obtain the costs for each one separately.)

a. (1) Do you have any records available showing your costs for electricity, SEPARATE FROM OTHER UTILITIES? (Mark "No" if records available, but separate costs not shown.)  Yes - Ask item 110a(2)  No - Skip to item 110a(4)

(2) From your records, what were the costs for electricity for the months of - (filed month and appropriate year categories.) (Do not include cents.)

Costs	Month	Year
3852	January	19
3853	April	19
3854	August	19
3855	December	19

(3) Check item  Electricity costs entered for 2 or more months - Skip to item 110M(1)  Electricity costs entered for 1 month or none - Ask item 110a(4)

(4) In the past 12 months what was the average MONTHLY cost for electricity? (Average MONTHLY cost) OR -  Electricity not used  Included in rent, site rent, condominium, or other fee, etc.  Obtained free

b. (1) Do you use gas? (If "All electric home," mark the "No" box without asking.)  Yes  No - Skip to item 110d, page 26

(2) Is the gas from underground pipes or bottled gas?  Underground pipes serving neighborhood  Bottled gas - Skip to item 110c(4), page 26

c. (1) Do you have any records available showing your costs for gas, SEPARATE FROM OTHER UTILITIES? (Mark "No" if records available, but separate costs not shown.)  Yes - Ask item 110c(2)  No - Skip to item 110c(4), page 26

(2) From your records, what were the costs for gas for the months of - (filed month and appropriate year categories.) (Do not include cents.)

Costs	Month	Year
3856	January	19
3857	April	19
3858	August	19
3859	December	19

(3) Check item  Gas costs entered for 2 or more months - Skip to item 110d, page 26  Gas costs entered for 1 month or none - Ask item 110c(4), page 26

**REGULAR OCCUPIED - Continued**

111a. How many automobiles are kept at home for use by members of your household? Exclude vans or trucks.

111b. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?

112. Check item - (See Control Card items 13, 14, and 18.)

113. The following questions are about who in the household shares housing costs.

114. One of the main housing problems today in the household members age 14+ RELATED TO REFERENCE PERSON by blood, marriage, or adoption.)

In the past 12 months, how much did ... earn in wages, salaries, tips, and commissions before deductions?

**REGULAR OCCUPIED - Continued**

110c. (4) In the past 12 months what was the average MONTHLY cost for gas?

d. In the past 12 months what was the total ANNUAL cost for fuel oil?

e. In the past 12 months what was the total ANNUAL cost for wood, coal, kerosene, or any other fuel?

f. In the past 12 months what was the total ANNUAL cost for garbage and trash collection?

g. In the past 12 months what was the total ANNUAL cost for water supply and sewage disposal?

Notes

**REGULAR OCCUPIED - Continued** - 6.11.1

115a. In the past 12 months did ... or ... (Specify names for line numbers in item 114) -

(1) Have a business, farm or ranch?  Yes  No

(2) Receive Social Security or pensions?  Yes  No

(3) Have interest from savings accounts, money market funds, IRA's, certificates of deposit or other interest bearing accounts?  Yes  No

(4) Have dividends from stocks?  Yes  No

(5) Receive rental income?  Yes  No

(6) Receive SSI, AFDC or other forms of welfare?  Yes  No

(7) Receive alimony or child support?  Yes  No

(8) Receive workers' compensation or other disability payments?  Yes  No

(9) Receive unemployment compensation, any veterans' payments not already mentioned, or any other income?  Yes  No

b. In the past 12 months what was the total income from (Sources marked \* in item 115a) [---] after deducting expenses and losses from business/ farm/ranch and/or rental income?  Total income after deducting expenses and losses  Amount of total net loss

Verified that identical amounts in items 114 and 115b are not duplicate amounts

c. We want to make sure we've included income from all related household members. In the past 12 months, did any of the family have any income not already mentioned?  Yes - Determine income amount and correct 114 and/or 115a and 115b  No

(Exclude children 13 years or younger. Exclude income of persons NOT related to the reference person.)

d. Is (your/the) total family income THIS MONTH about the same as it was a year ago?  Yes - About the same, or within 10 percent, or just cost of living adjustments - Skip to item 116  No

e. What do you expect (your/the) total family income to be in the NEXT 12 MONTHS?  \$  00

116. Check item - (See items 114 and 115b.) (Mark (X) first box that applies.)

Total income over \$25,000 - Skip to item 118a, page 29

Income \$25,000 or less - Skip to item 117b, page 29

Income is reduced, NA or DK - Ask item 117a, page 29

Notes

**REGULAR OCCUPIED - Continued**

117a. Was (your/their) total income over \$25,000?  Yes - Skip to item 118a  No

b. Did ... or ... (Specify names for line numbers in item 114) receive Food Stamps in the past 12 months?  Yes  No

c. Does ... or ... (Specify names for line numbers in item 114) have -

(1) savings?  Yes  No

(2) investments in a farm or business?  Yes  No

(3) other investments? (Exclude THIS home.)  Yes  No

d. Is the total amount of savings and investments over \$25,000?  Yes  No

118a. Check item (See Control Card item 6b.)

Owned - Skip to item 120a, page 30

Rented or no cash rent - Go to item 118b

b. Check item (See item 23, page 2.)

One-unit building or one-unit mobile home - Skip to item 119b

Two-or-more-unit building or two-or-more-unit mobile home - Ask item 119a

119a. Does either the owner or a resident manager live in this (building/complex)? (Exclude staff who do only maintenance.)  Yes  No

b. What is the owner's name and address? (If don't know, ask - Where do you send your rent?)

Name (Please print) \_\_\_\_\_

Address (Number, street) \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP Code \_\_\_\_\_

Title \_\_\_\_\_ Location \_\_\_\_\_

Owner  Home

Other  Office

Area code \_\_\_\_\_ Number \_\_\_\_\_ Extension \_\_\_\_\_

c. What is the (owner's/office's) telephone number?  Home  Business

Notes





Note

ALL URE interview questions have been deleted from the questionnaire facsimile, except for question 150. The questions deleted are the same as the questions asked for occupied units.

150a. Is the (house/apartment) INTENDED for year round use, for occupancy only on a seasonal basis, or for use by migrant workers?

2480  7 Year round (occupied temporarily at time of interview) - Skip to item 150c  
 8 Seasonal - Summers only  
 9 Seasonal - Winters only  
 10 Other seasonal - Specify 7  
 11 Migratory

b. Does the construction and heating of the (house/apartment) make it suitable for year-round use?

2480  1 Yes  
 2 No

c. How many months has it been since the (house/apartment) was occupied as a permanent home?

- 8 5 1 1  
 2470  00 Less than 1 month  
 25 Over 2 years  
 26 NEVER OCCUPIED AS A PERMANENT HOME  
 27 Don't know

d. Is the ownership of the (house/apartment) share-shared?

3670  1 Yes  
 2 No

**NEIGHBORHOOD QUALITY SUPPLEMENT**

NOTE - Ask all categories in item 177a before proceeding to item 177b.

NOTE - Ask item 177b only for those categories in item 177a which were answered "Yes."

177a. The following questions are concerned with specific aspects of your PRESENT neighborhood.

Does the neighborhood have -

(1) Street noise or heavy street traffic?  1 Yes  2 No

(2) Neighborhood crime?  3 Yes  4 No

NOTE - If "Yes" was answered for (1) or (2) in item 177a, ask item 177b.

177b. Does the (Condition) bother you?

177c. Is it so objectionable that you would like to move from the neighborhood?

178a. Is there public transportation for this area?  
 1 Yes  2 No - Skip to item 178a

b. Is it satisfactory?  
 3 Yes  4 No  5 Do not use

c. Does anyone in the household (Do you) use public transportation at least once a week?  
 6 Yes  7 No

178b. Do you have satisfactory neighborhood shopping, that is, grocery stores or drug stores?  
 8 Yes  9 No  10 Don't know } Skip to item 180

b. Are any of these stores within one mile of home?  
 11 Yes  12 No

180. Check item 150. Check item 11, 14 and 15. Mark (X) beside this specific.

13 Public school (K-12)  
 14 Private school (K-12)  
 15 Other school (ungraded schools, special schools, preschools, early learning centers, etc.)  
 16 Does not attend school

181a. (Does ... Do the children) attend a public school or a private school?  
 (Mark (X) at all that apply.)

181b. Is the public elementary school that children living at this address (attend/would attend) satisfactory?  
 (If more than one public elementary school, ask about the closest one to the sample unit.)

181c. Is it so unsatisfactory that you would like to move from the neighborhood?  
 17 Yes  18 No

181d. Is there public elementary school within one mile of home?  
 19 Yes  20 No

### SECOND HOME SUPPLEMENT - Continued

**188a. INSTRUCTIONS** - Transcribe property number from item 187a for up to three properties in the following priority: Any previous usual residence; then one per person; then any others. **TREAT OWNERSHIP OF A MULTI-UNIT BUILDING AS ONE.** Then ask items 189-197 for each property.

Column A	Column B	Column C
- 8.42.1	- 8.43.1	- 8.44.1
188b. Property number 8300 <input type="checkbox"/>	188b. Property number 8350 <input type="checkbox"/>	188b. Property number 8390 <input type="checkbox"/>
189a. Now I have a few questions to ask about the property in (Location information in item 187a). b. Is that property in a rural area or is it in an urban area? 8310 <input type="checkbox"/> Rural <input type="checkbox"/> Urban c. Is that property in what YOU would call a recreational or resort area? 8320 <input type="checkbox"/> Yes <input type="checkbox"/> No	189a. Now I have a few questions to ask about the property in (Location information in item 187a). b. Is that property in a rural area or is it in an urban area? 8310 <input type="checkbox"/> Rural <input type="checkbox"/> Urban c. Is that property in what YOU would call a recreational or resort area? 8320 <input type="checkbox"/> Yes <input type="checkbox"/> No	189a. Now I have a few questions to ask about the property in (Location information in item 187a). b. Is that property in a rural area or is it in an urban area? 8310 <input type="checkbox"/> Rural <input type="checkbox"/> Urban c. Is that property in what YOU would call a recreational or resort area? 8320 <input type="checkbox"/> Yes <input type="checkbox"/> No
190. Is it - (Read all answer categories) 8330 <input type="checkbox"/> a single-family house, <input type="checkbox"/> a multi-unit building, <input type="checkbox"/> an apartment in a multi-unit building, <input type="checkbox"/> a mobile home, <input type="checkbox"/> or some other type of residence?	190. Is it - (Read all answer categories) 8330 <input type="checkbox"/> a single-family house, <input type="checkbox"/> a multi-unit building, <input type="checkbox"/> an apartment in a multi-unit building, <input type="checkbox"/> a mobile home, <input type="checkbox"/> or some other type of residence?	190. Is it - (Read all answer categories) 8330 <input type="checkbox"/> a single-family house, <input type="checkbox"/> a multi-unit building, <input type="checkbox"/> an apartment in a multi-unit building, <input type="checkbox"/> a mobile home, <input type="checkbox"/> or some other type of residence?
191. Do the construction and heating of the (house/apartment/mobile home/building) make it SUITABLE FOR year-round use? 8340 <input type="checkbox"/> Yes <input type="checkbox"/> No	191. Do the construction and heating of the (house/apartment/mobile home/building) make it SUITABLE FOR year-round use? 8340 <input type="checkbox"/> Yes <input type="checkbox"/> No	191. Do the construction and heating of the (house/apartment/mobile home/building) make it SUITABLE FOR year-round use? 8340 <input type="checkbox"/> Yes <input type="checkbox"/> No
192. MARK OR ASK - Is it within 150 miles of here? 8350 <input type="checkbox"/> Yes <input type="checkbox"/> No	192. MARK OR ASK - Is it within 150 miles of here? 8350 <input type="checkbox"/> Yes <input type="checkbox"/> No	192. MARK OR ASK - Is it within 150 miles of here? 8350 <input type="checkbox"/> Yes <input type="checkbox"/> No
193a. Is the ownership of the (house/apartment/mobile home/building) shared with anyone living outside this household? 8360 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 194 b. What is (your... ) share? 8370 _____ Percent 8380 _____ Weeks	193a. Is the ownership of the (house/apartment/mobile home/building) shared with anyone living outside this household? 8360 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 194 b. What is (your... ) share? 8370 _____ Percent 8380 _____ Weeks	193a. Is the ownership of the (house/apartment/mobile home/building) shared with anyone living outside this household? 8360 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 194 b. What is (your... ) share? 8370 _____ Percent 8380 _____ Weeks
194. How much do you think (if your share of R... share of it) would sell for on today's market? 8390 \$ _____ Ask item 195, page 50	194. How much do you think (if your share of R... share of it) would sell for on today's market? 8390 \$ _____ Ask item 195, page 50	194. How much do you think (if your share of R... share of it) would sell for on today's market? 8390 \$ _____ Ask item 195, page 50

### SECOND HOME SUPPLEMENT

**182. INTRODUCTION:** Now I have some questions about second homes.

**183. (Do/Does)** (Specify names with "X" in Control Card item 17) own or co-own (any residential property/any other residential property, not counting this home)?  
8040  Yes  
           No - Skip to item 188, page 51

**184. How many (---/other) residential units (do/does) (Specify names with "X" in Control Card item 17) own or co-own? (In a multi-unit building, count each unit owned.)**  
8050 \_\_\_\_\_ Number

**185. OFFICE USE ONLY**

**186. OFFICE USE ONLY**

**187a. Where (is this unit/are these units) located?** (Enter multi-unit properties only once.)

Property	Location (If needed, enter location information to uniquely identify residential units)	For residential units listed ask -		
		187b. Who in this household owns or co-owns the residential unit(s) located in (Location information in item 187a) (Enter line numbers) (3)	187c. Was this unit ever (Specify names for line numbers in item 187b) usual residence? (4)	187d. How many units (do/does) (Specify names for line numbers in item 187b) own or co-own in (Location information in item 187a) (5)
1	8060 <input type="checkbox"/> State code OR <input type="checkbox"/> Outside the United States	8070 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8080 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	8090 <input type="checkbox"/> Yes <input type="checkbox"/> No	8095 _____ Number
2	8100 <input type="checkbox"/> State code OR <input type="checkbox"/> Outside the United States	8110 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8120 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	8130 <input type="checkbox"/> Yes <input type="checkbox"/> No	8135 _____ Number
3	8140 <input type="checkbox"/> State code OR <input type="checkbox"/> Outside the United States	8150 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8160 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	8170 <input type="checkbox"/> Yes <input type="checkbox"/> No	8175 _____ Number
4	8180 <input type="checkbox"/> State code OR <input type="checkbox"/> Outside the United States	8190 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8200 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	8210 <input type="checkbox"/> Yes <input type="checkbox"/> No	8215 _____ Number
5	8220 <input type="checkbox"/> State code OR <input type="checkbox"/> Outside the United States	8230 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8240 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	8250 <input type="checkbox"/> Yes <input type="checkbox"/> No	8255 _____ Number
6	8260 <input type="checkbox"/> State code OR <input type="checkbox"/> Outside the United States	8270 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8280 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	8290 <input type="checkbox"/> Yes <input type="checkbox"/> No	8295 _____ Number

**NOTES**









## 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 subsampled units within these clusters at the rate of 1 in 4, yielding clusters of size 1. The overall probability of selection of these units is about 1 in 2,148.

**Housing units missed in the 1980 census.** The Census Bureau conducted a special study, called the Housing Unit Coverage Study (HUCS), as part of the 1980 census.

This study identified units at addresses missed or inadequately defined in the 1980 census. We included a sample of the units identified in the HUCS in the AHS sample. All base-year cases were noninterviews since there was no 1980 census data. All current-year "Sames" were also noninterviews. However, the current-year "Non-sames" resulting from changes to the structure were interviews if we were able to obtain the data for these units.

**Housing units added since the 1980 census.** We pick up two other types of units added since the 1980 census: (a) units added within structures containing sample units and (b) whole-structure additions that did not contain living quarters at the time of the 1980 census.

*Within-structure additions.* These additions have a chance of being in sample because there is at least one unit that existed at the time of the 1980 census and was eligible for selection. We identified these adds in structures with at least one unit selected from the 1980 census sample and the HUCS sample. The rules for identifying within-structure additions differed in certain types of areas and frames. The current-year components affected most by this are Mergers and Conversions.

The resulting sample units were all current-year units. The units from which they were created were all considered base-year sample units, whether we selected them from the 1980 census or not. This helped increase the reliability of these rare base-year and current-year components.

In area ED's, all within-structure additions in structures containing at least one sample unit were interviewed for the AHS. Current-year mobile home components such as Mobile homes moved in and new construction mobile homes, are impacted the most by this.

In address ED's and in the HUCS, we interviewed all within-structure additions in 1-to-15-unit structures containing at least one sample unit for AHS. In 16-or-more-unit structures, we only interviewed a representative sample of adds. This affects mobile homes in mobile home parks, From nonresidential conversions, Mergers, and Conversions.

*Whole-structure additions.* These types of additions are units in structures that contained no living quarters at the time of the 1980 census. We used area sampling methods to identify these units in all types of areas. Under area sampling, we list all housing units within a land area and then select a systematic sample. The initial listing in 1985 identified structures added since 1980. Subsequent updates 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

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### 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 household 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 non-residential 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.<sup>1</sup>** Incomplete data happen because sampling lists are incomplete; and because people refuse the interview or some of the questions, or do not know answers.

<sup>1</sup>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:  $200 + .58 \times (\text{lesser of } A \text{ or } 100,000 - A)$ , 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.<sup>2</sup>

**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.,  $200 \pm 45$ ). Statements such as "the actual value is in the range  $200 \pm 45$  (155 to 245)," are right 90 percent of the time and wrong 10 percent of the time.<sup>3</sup>

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.

<sup>2</sup>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.

<sup>3</sup>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.<sup>4</sup>

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<sup>5</sup> 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.<sup>6</sup>

<sup>4</sup>This formula is actually  $1.64 \times \sqrt{p(100-p)/n}$ , since 3.85/A adjusts the data to the effective sample size.

<sup>5</sup>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.

<sup>6</sup>For small bases use the more accurate approach in table 5.

<sup>7</sup>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.

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: <sup>7</sup>	$\frac{1.7 \times W \times \sqrt{A}}{B}$	$\frac{1.7 \times 25 \times \sqrt{200}}{30}$ = 20	_____
The 90-percent confidence interval for the median is:	median $\pm \frac{1.7 \times W \times \sqrt{A}}{B}$	median $\pm$ \$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:<sup>8</sup>

$$\sqrt{(\text{error for 1st number})^2 + (\text{error for 2nd number})^2}$$

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.

<sup>8</sup>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 <sup>1</sup>	Level of inconsistency	Confidence interval <sup>2</sup>
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 <sup>1</sup>	Level of inconsistency	Confidence interval <sup>2</sup>
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-CAT1).....	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 <sup>1</sup>	Level of inconsistency	Confidence interval <sup>2</sup>
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)

<sup>1</sup>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.

<sup>2</sup>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—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total occupied housing units (000's) .....	84 314	70 668	843	331	22 472	18 920	3 014	404	135
Completeness of sampling lists (percent) <sup>1</sup> .....	98	100	100	100	88	91	73	71	75
All interviews <sup>2</sup> .....	87	89	97	91	83	86	71	68	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	...	...	58	61	52	...	...
Mobile home park fee .....	81	95	...	...	45	41	50	...	...
Lot size .....	82	83	...	64	58	61	45	41	...
Annual taxes paid per \$5000 value .....	83	84	40	71	69	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	58	51	31
Square feet per person .....	69	68	...	57	74	78	83	47	...
Square footage of unit .....	69	68	...	57	74	78	83	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	78	77	70	72	80	52	48
Value .....	73	73	45	77	71	74	54	56	...
Monthly cost paid for water .....	74	75	90	74	73	74	68	60	75
Light fixtures in public halls .....	74	75	83	78	...	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	...	...	78	78	70	...	...
Purchase price .....	75	76	76	85	74	78	62	53	...
Mobile homes in group .....	75	100	...	...	68	67	69	...	...
Monthly cost paid for bottled gas .....	75	76	79	78	73	76	63	56	60
Monthly cost paid for piped gas .....	75	76	79	78	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	68	59	64
Severe physical problems .....	79	80	78	81	75	77	68	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	81	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	78	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	93	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	88	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	82	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	...	82	...	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 .....	88	89	98	...	80	81	70	64	...
Tenure of previous residence .....	88	89	97	...	79	81	71	65	...

Table 2. Completeness Rates for Current Year Characteristics—Con.

[See completeness rates under nonsampling errors in appendix D for further details. ... means not applicable or sample too small. - means zero or rounds to zero.]

United States and Regions	Occupied housing units, 1993	Same units, 1980 and 1993	Current year units resulting from—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential 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	83	90	82	85	66	51	69
Nonrelatives' shared housing costs .....	86	88	89	...	81	83	72	...	...
Units in structure .....	86	87	84	86	82	84	70	66	72
Moderate physical problems .....	86	87	84	81	81	83	70	66	73
Heating problems .....	87	88	96	82	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	83	83	85	71	66	60
Tenure .....	87	88	96	91	83	85	70	65	75
Overall opinion of neighborhood .....	87	88	96	90	82	85	71	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	82	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 and 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	82	86	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

<sup>1</sup>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.

<sup>2</sup>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 <sup>1</sup>	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	$Z \times \sqrt{2.80 \times A + 0.003\ 500 \times A^2}$

<sup>1</sup>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 <sup>1</sup>	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	$Z \times \sqrt{3.85 \times A + 0.001\ 292 \times A^2}$

<sup>1</sup>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) <sup>1</sup> .....	$161/\sqrt{A}$	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 <sub>bottom</sub>	*77			
Top of error range (2nd line plus 4th line, in thousands) .....	B <sub>top</sub>			*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	

<sup>1</sup>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 root 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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