



American Housing Survey

**Components
of Inventory
Change:
1980-1991**

United States and Regions

Issued February 1996



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MSA's

TOTAL INVENTORY

Table number

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Chapter 2
Total
occupied

Chapter 3
Owner
occupied

Chapter 4
Renter
occupied

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In central
cities

Chapter 6
Suburbs

Chapter 7
Outside
MSA's

OCCUPIED UNITS

Table number

	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
1. Introductory Characteristics	2-1	3-1	4-1	5-1	6-1	7-1
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Explanations and Cautions

EXPLANATIONS

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

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

CORRECTIONS

The H-151-83, No. 1 report, Annual Housing Survey, *Components of Inventory Change: 1973-1983*, U. S. Department of Commerce, U.S. Department of Housing and Urban Development, contained some errors in the tabulation of numbers in the Disposition of the 1973 Inventory tables for 1980, 1981, and 1983. Units that were mobile homes and fell in the "House or mobile home moved out" category and all units in the "Scheduled to be demolished" category were inadvertently tallied in the "Other" losses

category. The largest portion of this error occurred in the "House or mobile home moved out" and the "Other" category. The numbers below show only the correct totals for each category. Revised numbers are not available for the subcategories.

Disposition of the 1973 Inventory

Year	Total lost	Merger	Demolition or disaster	House or mobile home moved out	To 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 1991. Each home in the AHS sample represents a large number of other homes. The numbers are adjusted so that the total in the survey matches independent estimates of the total number of homes. For 1991, these numbers are based on the 1990 Census of Housing, minus change between 1985 and 1990.

CAUTIONS

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

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

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

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

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

Sampling Error

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

Income and poverty. Historically, the AHS, and consequently CINCH, underreports income and overreports poverty when compared to the Current Population Survey (CPS), and AHS, CINCH, and CPS all underreport income and overreport poverty when compared to tax returns and national income accounts. The AHS households mention

fewer sources of income than CPS. The poverty data in the AHS are not published as an official count of households in poverty, but to show the housing characteristics of low-income households. For a discussion of income and poverty, see appendix C, of the H150/91 report.

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

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

DATA AVAILABILITY

Other books with national data are available from:

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

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

Table A-1. Source of the 1991 Housing Inventory

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

United States and Regions	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
Number										
United States	104 556	80 155	984	326	23 092	18 703	3 895	332	162	
Inside MSA's	80 103	62 114	821	267	16 901	14 794	1 830	159	118	
In central cities	32 467	27 356	409	188	4 533	4 180	202	72	79	
Not in central cities	47 636	34 758	412	99	12 368	10 614	1 627	87	39	
Outside MSA's	24 452	18 040	162	59	6 191	3 909	2 068	173	44	
Northeast	21 054	18 050	412	117	2 476	2 253	176	36	11	
Inside MSA's	18 172	15 773	355	106	1 938	1 820	81	28	9	
In central cities	6 832	6 384	181	58	309	279	6	18	7	
Not in central cities	11 241	9 389	175	48	1 629	1 541	75	10	2	
Outside MSA's	2 882	2 277	56	11	538	433	95	8	2	
Midwest	24 987	20 773	222	96	3 895	3 089	695	64	47	
Inside MSA's	17 305	14 500	168	71	2 566	2 280	242	25	18	
In central cities	7 251	6 446	76	52	677	620	33	9	15	
Not in central cities	10 054	8 054	92	19	1 888	1 660	209	16	3	
Outside MSA's	7 682	6 273	55	25	1 329	809	453	39	29	
South	36 985	25 475	194	64	11 253	8 835	2 204	169	44	
Inside MSA's	26 728	18 505	152	49	8 023	6 803	1 104	72	44	
In central cities	10 638	8 501	83	36	2 018	1 866	84	28	40	
Not in central cities	16 091	10 004	70	12	6 005	4 937	1 020	44	4	
Outside MSA's	10 257	6 971	41	15	3 230	2 032	1 100	97	—	
West	21 529	15 856	156	49	5 468	4 526	820	63	59	
Inside MSA's	17 897	13 336	146	41	4 374	3 891	403	34	47	
In central cities	7 647	6 025	70	22	1 529	1 414	80	17	17	
Not in central cities	10 251	7 312	75	19	2 845	2 476	322	16	30	
Outside MSA's	3 632	2 520	10	8	1 094	635	418	29	12	
Percent Distribution										
United States	100.0	76.7	.9	.3	22.1	17.9	3.7	.3	.2	
Inside MSA's	100.0	77.5	1.0	.3	21.1	18.5	2.3	.2	.1	
In central cities	100.0	84.3	1.3	.5	14.0	12.9	.6	.2	.2	
Not in central cities	100.0	73.0	.9	.2	26.0	22.3	3.4	.2	.1	
Outside MSA's	100.0	73.8	.7	.2	25.3	16.0	8.4	.7	.2	
Northeast	100.0	85.7	2.0	.6	11.8	10.7	.8	.2	.1	
Inside MSA's	100.0	86.8	2.0	.6	10.7	10.0	.4	.2	—	
In central cities	100.0	92.1	2.6	.8	4.5	4.0	.1	.3	.1	
Not in central cities	100.0	83.5	1.6	.4	14.5	13.7	.7	.1	—	
Outside MSA's	100.0	79.0	1.9	.4	18.7	15.0	3.3	.3	.1	
Midwest	100.0	83.1	.9	.4	15.6	12.4	2.8	.3	.2	
Inside MSA's	100.0	83.8	1.0	.4	14.8	13.2	1.4	.1	.1	
In central cities	100.0	88.9	1.0	.7	9.3	8.6	.5	.1	.2	
Not in central cities	100.0	80.1	.9	.2	18.8	16.5	2.1	.2	—	
Outside MSA's	100.0	81.7	.7	.3	17.3	10.5	5.9	.5	.4	
South	100.0	68.9	.5	.2	30.4	23.9	6.0	.5	.1	
Inside MSA's	100.0	69.2	.6	.2	30.0	25.5	4.1	.3	.2	
In central cities	100.0	79.9	.8	.3	19.0	17.5	.8	.3	.4	
Not in central cities	100.0	62.2	.4	.1	37.3	30.7	6.3	.3	—	
Outside MSA's	100.0	68.0	.4	.1	31.5	19.8	10.7	.9	—	
West	100.0	73.6	.7	.2	25.4	21.0	3.8	.3	.3	
Inside MSA's	100.0	74.5	.8	.2	24.4	21.7	2.2	.2	.3	
In central cities	100.0	78.8	.9	.3	20.0	18.5	1.0	.2	.2	
Not in central cities	100.0	71.3	.7	.2	27.8	24.2	3.1	.2	.3	
Outside MSA's	100.0	69.4	.3	.2	30.1	17.5	11.5	.8	.3	

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

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

United States and Regions	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--						
			Conversion	Merger	Total	Demolition or disaster	Other means				
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other	
Number											
United States	90 070	80 155	447	705	8 763	2 919	3 911	746	762	425	
Inside MSA's	68 123	62 114	371	592	5 046	1 843	1 922	511	491	278	
In central cities	29 916	27 356	175	364	2 021	996	248	263	344	170	
Not in central cities	38 207	34 758	197	228	3 024	847	1 674	248	147	109	
Outside MSA's	21 947	18 040	76	113	3 718	1 076	1 989	235	271	147	
Northeast	19 589	18 050	182	252	1 105	391	325	162	120	107	
Inside MSA's	16 942	15 773	157	231	781	289	166	133	109	84	
In central cities	6 986	6 384	71	126	406	179	6	72	87	61	
Not in central cities	9 956	9 389	87	106	375	110	159	61	22	23	
Outside MSA's	2 647	2 277	25	21	324	101	159	29	11	23	
Midwest	23 062	20 773	103	208	1 978	746	773	178	215	67	
Inside MSA's	15 797	14 505	76	161	1 059	462	326	91	146	35	
In central cities	7 148	6 446	37	110	555	310	42	51	128	25	
Not in central cities	8 649	8 054	39	52	504	152	284	40	18	10	
Outside MSA's	7 266	6 273	27	47	919	284	447	87	69	33	
South	29 930	25 475	81	153	4 220	1 324	2 057	303	365	172	
Inside MSA's	21 034	18 505	61	128	2 340	747	1 077	217	200	99	
In central cities	9 355	8 501	33	92	729	343	135	96	110	45	
Not in central cities	11 679	10 004	29	36	1 611	404	942	120	90	54	
Outside MSA's	8 896	6 971	20	25	1 880	577	980	86	165	72	
West	17 489	15 856	82	92	1 459	458	756	103	63	79	
Inside MSA's	14 350	13 336	77	72	865	345	353	71	36	61	
In central cities	6 427	6 025	35	37	331	164	65	44	19	39	
Not in central cities	7 923	7 312	42	35	534	180	289	27	17	22	
Outside MSA's	3 139	2 520	5	20	594	113	403	33	27	19	
Percent Distribution											
United States	100.0	89.0	.5	.8	9.7	3.2	4.3	.6	.8	.5	
Inside MSA's	100.0	91.2	.5	.9	7.4	2.7	2.8	.8	.7	.4	
In central cities	100.0	91.4	.6	1.2	6.8	3.3	.8	.9	1.2	.6	
Not in central cities	100.0	91.0	.5	.8	7.9	2.2	4.4	.6	.4	.3	
Outside MSA's	100.0	82.2	.3	.5	16.9	4.9	9.1	1.1	1.2	.7	
Northeast	100.0	92.1	.9	1.3	5.6	2.0	1.7	.8	.8	.5	
Inside MSA's	100.0	93.1	.9	1.4	4.6	1.7	1.0	.8	.6	.5	
In central cities	100.0	91.4	1.0	1.8	5.8	2.6	.1	1.0	1.3	.9	
Not in central cities	100.0	94.3	.9	1.1	3.6	1.1	1.6	.6	.2	.2	
Outside MSA's	100.0	86.0	.8	.8	12.3	3.8	6.0	1.1	.4	.9	
Midwest	100.0	90.1	.4	.9	8.6	3.2	3.4	.8	.9	.3	
Inside MSA's	100.0	91.8	.5	1.0	6.7	2.9	2.1	.6	.9	.2	
In central cities	100.0	90.2	.5	1.5	7.8	4.3	.6	.7	1.8	.3	
Not in central cities	100.0	93.1	.5	.6	5.8	1.8	3.3	.5	.2	.1	
Outside MSA's	100.0	86.3	.4	.6	12.6	3.9	6.1	1.2	.9	.4	
South	100.0	85.1	.3	.5	14.1	4.4	6.9	1.0	1.2	.6	
Inside MSA's	100.0	88.0	.3	.6	11.1	3.6	5.1	1.0	1.0	.5	
In central cities	100.0	90.9	.3	1.0	7.8	3.7	1.4	1.0	1.2	.5	
Not in central cities	100.0	85.7	.2	.3	13.8	3.5	6.1	1.0	.8	.5	
Outside MSA's	100.0	78.4	.2	.3	21.1	6.5	11.0	1.0	1.9	.8	
West	100.0	90.7	.5	.5	8.3	2.6	4.3	.6	.4	.5	
Inside MSA's	100.0	92.9	.5	.5	6.0	2.4	2.5	.5	.3	.4	
In central cities	100.0	93.7	.6	.6	5.1	2.6	1.0	.7	.3	.6	
Not in central cities	100.0	92.3	.4	.6	6.7	2.3	3.6	.3	.2	.3	
Outside MSA's	100.0	80.3	.2	.6	18.9	3.6	12.8	1.0	.8	.6	

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

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

United States and Regions	Total housing units		Total net change		Units added through—					
	1980	1991	Number	Percent	Total added	Conversion	New construction	Other sources		
								House or mobile home moved in	From nonresidential use	Other
1 United States	90 070	104 556	14 485	16.1	23 628	536	18 703	3 895	332	162
2 Inside MSA's	68 123	80 103	11 980	17.6	17 351	450	14 794	1 830	159	118
3 In central cities	29 816	32 467	2 551	8.5	4 768	235	4 180	202	72	79
4 Not in central cities	38 207	47 636	9 429	24.7	12 583	216	10 614	1 627	87	39
5 Outside MSA's	21 947	24 452	2 505	11.4	6 277	86	3 909	2 066	173	44
6 Northeast	19 589	21 054	1 465	7.5	2 708	230	2 253	178	36	11
7 Inside MSA's	16 942	18 172	1 230	7.3	2 136	198	1 820	81	28	9
8 In central cities	6 986	6 932	-54	-8	419	110	279	6	18	7
9 Not in central cities	9 956	11 241	1 285	12.9	1 717	88	1 541	75	10	2
10 Outside MSA's	2 647	2 882	235	8.9	570	32	433	95	8	2
11 Midwest	23 062	24 987	1 925	8.3	4 015	120	3 089	695	64	47
12 Inside MSA's	15 797	17 305	1 508	9.5	2 658	92	2 280	242	25	18
13 In central cities	7 148	7 251	103	1.4	716	39	620	33	9	15
14 Not in central cities	8 649	10 054	1 405	16.2	1 941	53	1 660	209	16	3
15 Outside MSA's	7 266	7 682	416	5.7	1 357	28	809	453	39	29
16 South	29 930	36 985	7 056	23.6	11 365	112	8 835	2 204	169	44
17 Inside MSA's	21 034	26 728	5 694	27.1	8 114	91	6 803	1 104	72	44
18 In central cities	9 355	10 638	1 283	13.7	2 068	50	1 866	84	28	40
19 Not in central cities	11 679	16 091	4 412	37.8	6 046	41	4 937	1 020	44	4
20 Outside MSA's	8 896	10 257	1 361	15.3	3 251	21	2 032	1 100	97	-
21 West	17 489	21 529	4 040	23.1	5 542	74	4 528	620	63	59
22 Inside MSA's	14 350	17 897	3 547	24.7	4 443	69	3 891	403	34	47
23 In central cities	6 427	7 647	1 219	19.0	1 564	35	1 414	80	17	17
24 Not in central cities	7 923	10 251	2 328	29.4	2 879	34	2 476	322	16	30
25 Outside MSA's	3 139	3 632	493	15.7	1 099	6	635	418	29	12

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	
9 143	380	2 919	3 911	748	762	425	1
5 371	325	1 843	1 922	511	491	278	2
2 217	195	996	248	263	344	170	3
3 154	130	847	1 874	248	147	109	4
3 772	55	1 076	1 989	235	271	147	5
1 241	136	391	325	162	120	107	6
906	125	289	166	133	109	84	7
473	68	179	6	72	87	61	8
433	57	110	159	61	22	23	9
335	11	101	159	29	11	23	10
2 090	112	746	773	178	215	67	11
1 149	90	462	326	91	146	35	12
613	58	310	42	51	128	25	13
536	32	152	284	40	18	10	14
941	22	284	447	87	69	33	15
4 309	89	1 324	2 057	303	365	172	16
2 419	79	747	1 077	217	200	99	17
785	58	343	135	96	110	45	18
1 634	24	404	942	120	90	54	19
1 890	10	577	980	86	165	72	20
1 502	43	458	756	103	63	79	21
898	31	345	353	71	36	61	22
345	14	164	85	44	19	39	23
551	16	180	289	27	17	22	24
607	13	113	403	33	27	19	25

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

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

United States	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
Number										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1991										
United States	80 089	61 529	667	228	17 664	14 622	2 714	240	88	
Inside MSA's	61 326	47 324	538	183	13 280	11 744	1 373	112	51	
In central cities	21 835	18 208	208	101	3 317	3 118	146	40	14	
Not in central cities	39 491	29 117	330	82	9 963	8 626	1 227	72	37	
Outside MSA's	18 763	14 205	129	45	4 384	2 878	1 340	128	37	
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1991										
United States	9 828	8 099	128	53	1 548	1 285	231	21	11	
Inside MSA's	8 355	7 067	119	49	1 119	1 017	80	12	11	
In central cities	5 648	5 049	99	43	457	425	11	11	10	
Not in central cities	2 707	2 018	20	6	662	592	69	1	1	
Outside MSA's	1 473	1 032	9	4	428	268	151	9	-	
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1991¹										
United States	6 237	5 042	81	17	1 096	858	178	45	16	
Inside MSA's	5 568	4 593	76	17	882	775	74	22	11	
In central cities	3 182	2 757	48	11	366	325	18	12	11	
Not in central cities	2 387	1 837	28	7	516	450	56	10	5	
Outside MSA's	668	449	5	-	214	83	104	23	-	
Percent Distribution										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1991										
United States	100.0	76.8	.8	.3	22.1	18.3	3.4	.3	.1	
Inside MSA's	100.0	77.2	.9	.3	21.7	19.2	2.2	.2	.1	
In central cities	100.0	83.4	1.0	.5	15.2	14.3	.7	.2	.1	
Not in central cities	100.0	73.7	.8	.2	25.2	21.8	3.1	.2	.1	
Outside MSA's	100.0	75.7	.7	.2	23.4	15.3	7.1	.7	.2	
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1991										
United States	100.0	82.4	1.3	.5	15.7	13.1	2.4	.2	.1	
Inside MSA's	100.0	84.6	1.4	.6	13.4	12.2	1.0	.1	.1	
In central cities	100.0	89.4	1.7	.8	8.1	7.5	.2	-	.2	
Not in central cities	100.0	74.6	.8	.2	24.5	21.9	2.5	-	-	
Outside MSA's	100.0	70.1	.6	.2	29.1	18.2	10.3	.6	-	
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1991¹										
United States	100.0	80.8	1.3	.3	17.6	13.8	2.8	.7	.3	
Inside MSA's	100.0	82.5	1.4	.3	15.8	13.9	1.3	.4	.2	
In central cities	100.0	86.6	1.5	.3	11.5	10.2	.6	.4	.3	
Not in central cities	100.0	77.0	1.2	.3	21.6	18.9	2.3	.4	-	
Outside MSA's	100.0	67.1	.8	-	32.1	12.4	15.5	3.4	.8	

¹Persons of Hispanic origin may be of any race.

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

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

Northeast	Total housing units, 1991	Same units, 1990 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1991									
Northeast	16 510	14 098	274	80	2 057	1 903	125	25	5
Inside MSA's	14 270	12 513	234	71	1 652	1 558	72	20	2
In central cities	4 481	4 130	99	35	218	200	8	12	-
Not in central cities	9 789	8 184	135	36	1 434	1 358	66	8	2
Outside MSA's	2 239	1 765	41	8	408	345	53	5	2
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1991									
Northeast	1 730	1 575	66	19	70	68	-	2	-
Inside MSA's	1 707	1 556	65	19	67	65	-	2	-
In central cities	1 258	1 163	52	14	30	27	-	2	-
Not in central cities	449	393	13	4	38	36	-	-	-
Outside MSA's	23	19	1	-	3	3	-	-	-
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1991¹									
Northeast	1 240	1 144	30	9	57	45	2	10	-
Inside MSA's	1 198	1 114	28	9	47	36	2	10	-
In central cities	888	837	19	6	25	14	2	10	-
Not in central cities	310	277	8	2	22	22	-	-	-
Outside MSA's	42	30	2	-	10	10	-	-	-
Percent Distribution									
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1991									
Northeast	100.0	85.4	1.7	.5	12.5	11.5	.8	.2	-
Inside MSA's	100.0	86.3	1.6	.5	11.6	10.9	.5	.1	-
In central cities	100.0	92.2	2.2	.8	4.9	4.5	.1	.3	-
Not in central cities	100.0	83.6	1.4	.4	14.6	13.9	.7	.1	-
Outside MSA's	100.0	79.7	1.6	.4	18.1	15.4	2.4	.2	.1
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1991									
Northeast	100.0	91.0	3.6	1.1	4.1	3.9	-	.1	-
Inside MSA's	100.0	91.1	3.6	1.1	3.9	3.8	-	.1	-
In central cities	100.0	92.4	4.1	1.1	2.4	2.2	-	.2	-
Not in central cities	100.0	87.6	3.0	1.0	8.4	8.4	-	-	-
Outside MSA's	100.0	84.1	3.1	-	12.7	12.7	-	-	-
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1991¹									
Northeast	100.0	92.3	2.4	.7	4.6	3.7	.2	.8	-
Inside MSA's	100.0	93.0	2.3	.7	3.9	3.0	.2	.8	-
In central cities	100.0	94.2	2.2	.7	2.9	1.8	.2	1.1	-
Not in central cities	100.0	89.4	2.7	.8	7.1	7.0	-	.1	-
Outside MSA's	100.0	71.6	5.1	-	23.3	23.3	-	-	-

¹Persons of Hispanic origin may be of any race.

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

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

Midwest	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
Number										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1991										
Midwest	20 335	16 918	165	72	3 181	2 831	473			
Inside MSA's	13 911	11 539	116	49	2 206	1 978	202	47		29
In central cities	4 899	4 325	37	30	507	471	29	21		6
Not in central cities	9 012	7 214	79	19	1 699	1 507	173	5		2
Outside MSA's	6 424	5 379	49	22	974	852	272	16		3
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1991										
Midwest	1 833	1 708	11	11	103	95	8			
Inside MSA's	1 739	1 639	11	11	78	78				
In central cities	1 397	1 321	11	11	54	54				
Not in central cities	342	317			25	25				
Outside MSA's	94	70			24	17	8			
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1991¹										
Midwest	468	403	12	1	53	39	13			
Inside MSA's	387	343	12	1	32	30	2			
In central cities	240	222	7	1	10	10				
Not in central cities	147	121	5		22	20	2			
Outside MSA's	81	60			21	9	12			
Percent Distribution										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1991										
Midwest	100.0	83.2	.8	.4	15.6	12.9	2.3	.2		.1
Inside MSA's	100.0	82.9	.8	.4	15.9	14.2	1.4	.2		
In central cities	100.0	88.3	.8	.6	10.4	9.6	.8	.1		
Not in central cities	100.0	80.0	.9	.2	18.9	16.7	1.9	.2		
Outside MSA's	100.0	83.7	.8	.3	15.2	10.2	4.2	.4		.4
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1991										
Midwest	100.0	93.2	.6	.6	5.6	5.2	.4			
Inside MSA's	100.0	94.2	.6	.6	4.5	4.5				
In central cities	100.0	94.6	.8	.8	3.8	3.8				
Not in central cities	100.0	92.8			7.2	7.2				
Outside MSA's	100.0	74.2			25.8	17.7	8.1			
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1991¹										
Midwest	100.0	86.0	2.5	.2	11.3	8.4	2.9			
Inside MSA's	100.0	88.5	3.0	.3	8.2	7.8	.4			
In central cities	100.0	92.5	2.9	.4	4.2	4.2				
Not in central cities	100.0	82.1	3.2		14.7	13.5	1.2			
Outside MSA's	100.0	74.0			26.0	11.5	14.4			

¹Persons of Hispanic origin may be of any race.

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

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

South	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Number									
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1991									
South	26 390	17 908	129	37	8 317	6 843	1 540	130	4
Inside MSA's	19 123	12 909	99	30	6 084	5 229	800	50	4
In central cities	6 787	5 215	38	22	1 492	1 421	54	17	1
Not in central cities	12 355	7 695	61	9	4 591	3 808	746	33	4
Outside MSA's	7 268	4 997	30	7	2 234	1 414	740	80	-
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1991									
South	5 286	4 075	40	18	1 153	906	224	13	10
Inside MSA's	3 958	3 149	32	14	783	669	80	4	10
In central cities	2 405	2 100	29	13	263	238	11	4	10
Not in central cities	1 553	1 048	3	2	500	431	69	-	-
Outside MSA's	1 328	926	8	4	390	237	144	9	-
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1991¹									
South	1 887	1 403	26	1	457	356	89	12	-
Inside MSA's	1 637	1 240	23	1	374	335	35	3	-
In central cities	835	782	12	1	140	135	4	1	-
Not in central cities	702	458	10	-	234	200	31	2	-
Outside MSA's	249	182	3	-	84	21	54	9	-
Percent Distribution									
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1991									
South	100.0	67.9	.5	.1	31.5	25.2	5.8	.5	-
Inside MSA's	100.0	67.5	.5	.2	31.8	27.3	4.2	.3	-
In central cities	100.0	77.1	.6	.3	22.1	21.0	.8	.3	-
Not in central cities	100.0	82.3	.5	.1	37.2	30.8	6.0	.3	-
Outside MSA's	100.0	68.8	.4	.1	30.7	19.5	10.2	1.1	-
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1991									
South	100.0	77.1	.8	.3	21.8	17.1	4.2	.2	.2
Inside MSA's	100.0	79.5	.8	.4	19.3	16.9	2.0	.1	.3
In central cities	100.0	87.3	1.2	.5	10.9	9.9	.5	.2	.4
Not in central cities	100.0	87.5	.2	.1	32.2	27.8	4.4	-	-
Outside MSA's	100.0	69.8	.6	.3	29.3	17.9	10.8	.7	-
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1991¹									
South	100.0	74.3	1.4	-	24.2	18.9	4.7	.6	-
Inside MSA's	100.0	75.8	1.4	-	22.8	20.5	2.1	.2	-
In central cities	100.0	83.6	1.3	.1	15.0	14.4	.5	.1	-
Not in central cities	100.0	65.3	1.4	-	33.3	28.5	4.4	.3	-
Outside MSA's	100.0	65.1	1.3	-	33.6	8.4	21.6	3.6	-

¹Persons of Hispanic origin may be of any race.

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

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

West	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
Number										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1991										
West.....	16 854	12 607	99	40	4 108	3 445	576	38	50	
Inside MSA's.....	14 021	10 562	89	32	3 338	2 979	299	21	39	
In central cities.....	5 687	4 539	34	15	1 100	1 026	57	6	11	
Not in central cities.....	8 334	6 024	55	17	2 238	1 953	242	15	28	
Outside MSA's.....	2 833	2 045	10	8	770	467	276	16	11	
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1991										
West.....	979	741	11	5	222	216	—	5	1	
Inside MSA's.....	950	724	11	5	210	204	—	5	1	
In central cities.....	588	465	7	5	110	106	—	4	—	
Not in central cities.....	363	259	4	—	100	98	—	1	1	
Outside MSA's.....	28	17	—	—	12	12	—	—	—	
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1991¹										
West.....	2 841	2 092	14	7	529	417	73	23	16	
Inside MSA's.....	2 345	1 896	14	7	429	374	35	9	11	
In central cities.....	1 118	818	9	3	191	166	12	2	11	
Not in central cities.....	1 227	980	4	4	239	208	23	7	—	
Outside MSA's.....	296	196	—	—	100	43	38	14	5	
Percent Distribution										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1991										
West.....	100.0	74.8	.6	.2	24.4	20.4	3.4	.2	.3	
Inside MSA's.....	100.0	75.3	.6	.2	23.8	21.2	2.1	.2	.3	
In central cities.....	100.0	79.8	.6	.3	19.3	16.0	1.0	.1	.2	
Not in central cities.....	100.0	72.3	.7	.2	26.9	23.4	2.9	.2	.3	
Outside MSA's.....	100.0	72.2	.3	.3	27.2	16.5	9.8	.6	.4	
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1991										
West.....	100.0	75.7	1.1	.5	22.7	22.1	—	.6	.1	
Inside MSA's.....	100.0	76.2	1.1	.5	22.1	21.5	—	.6	.1	
In central cities.....	100.0	79.2	1.2	.9	18.8	16.1	—	.7	—	
Not in central cities.....	100.0	71.4	1.0	—	27.6	27.0	—	.4	.2	
Outside MSA's.....	100.0	58.9	—	—	41.1	41.1	—	—	—	
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1991¹										
West.....	100.0	79.2	.5	.3	20.0	15.8	2.8	.9	.6	
Inside MSA's.....	100.0	80.8	.6	.3	18.3	16.0	1.5	.4	.5	
In central cities.....	100.0	81.9	.8	.2	17.1	14.9	1.1	.2	1.0	
Not in central cities.....	100.0	79.6	.4	.3	19.4	17.0	1.9	.8	—	
Outside MSA's.....	100.0	66.3	—	—	33.7	14.4	12.9	4.6	1.8	

¹Persons of Hispanic origin may be of any race.

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

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

United States	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
			Conversion	Merger	Total	Demolition or disaster	House or mobile home moved out	Other means		
								To nonresidential use	Exposed, damaged, or condemned	Other
Number										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980										
United States	70 618	64 268	351	530	5 469	1 606	2 842	505	280	236
Inside MSA's	53 387	49 484	283	434	3 186	992	1 509	338	185	161
In central cities	20 846	19 535	97	250	964	415	201	149	92	106
Not in central cities	32 541	29 949	185	184	2 222	577	1 308	190	92	56
Outside MSA's	17 231	14 784	68	96	2 283	614	1 333	166	95	74
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
United States	8 473	7 346	49	94	984	502	148	60	241	33
Inside MSA's	7 165	6 323	49	87	706	359	70	53	193	30
In central cities	5 308	4 686	44	69	508	263	20	40	171	14
Not in central cities	1 859	1 637	5	18	199	97	50	14	23	16
Outside MSA's	1 308	1 023	-	7	276	143	78	6	47	3
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980¹										
United States	4 004	3 610	23	30	341	187	60	9	44	21
Inside MSA's	3 612	3 319	23	30	240	156	32	7	30	16
In central cities	2 229	2 059	13	23	138	86	7	-	23	13
Not in central cities	1 382	1 261	10	7	105	70	25	-	7	3
Outside MSA's	392	291	-	-	101	31	48	2	15	6
Percent Distribution										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980										
United States	100.0	91.0	.5	.8	7.7	2.3	4.0	.7	.4	.3
Inside MSA's	100.0	92.7	.5	.8	6.0	1.9	2.8	.6	.3	.3
In central cities	100.0	83.7	.5	1.2	4.6	2.0	1.0	.7	.4	.5
Not in central cities	100.0	92.0	.8	.6	6.8	1.8	4.0	.8	.3	.2
Outside MSA's	100.0	85.8	.4	.6	13.2	3.6	7.7	1.0	.6	.4
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
United States	100.0	86.7	.6	1.1	11.6	5.9	1.7	.7	2.8	.4
Inside MSA's	100.0	88.2	.7	1.2	9.9	5.0	1.0	.7	2.7	.4
In central cities	100.0	88.3	.8	1.3	8.6	4.9	.4	.8	3.2	.3
Not in central cities	100.0	88.1	.3	1.0	10.7	5.2	2.7	.7	1.2	.9
Outside MSA's	100.0	78.2	-	.8	21.2	10.9	5.9	.5	3.6	.3
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980¹										
United States	100.0	90.2	.6	.7	8.5	4.7	2.0	.2	1.1	.5
Inside MSA's	100.0	91.9	.6	.8	6.6	4.3	.9	.2	.8	.4
In central cities	100.0	92.3	.6	1.0	6.1	3.9	.3	.3	1.0	.6
Not in central cities	100.0	91.2	.7	.5	7.6	5.0	1.8	-	.5	.2
Outside MSA's	100.0	74.2	-	-	25.8	7.9	12.2	.5	3.8	1.5

¹Persons of Hispanic origin may be of any race.

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

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

Northeast	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—						
			Conversion	Merger	Total	Demolition or disaster	Other means				
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other	
Number											
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980											
Northeast	15 796	14 782	142	188	674	219	242	109	49	54	
Inside MSA's	13 671	12 920	119	169	463	144	141	86	46	45	
In central cities	4 803	4 495	42	87	179	64	6	40	34	35	
Not in central cities	8 868	8 425	77	82	284	79	135	46	13	10	
Outside MSA's	2 126	1 873	23	19	211	76	101	23	3	8	
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980											
Northeast	1 586	1 450	17	33	86	39	—	9	26	11	
Inside MSA's	1 564	1 436	17	33	78	35	—	9	26	8	
In central cities	1 218	1 118	15	19	66	33	—	8	22	5	
Not in central cities	348	317	2	14	12	3	—	3	4	3	
Outside MSA's	22	15	—	—	7	4	—	—	—	3	
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980¹											
Northeast	845	771	7	14	54	31	—	4	13	5	
Inside MSA's	829	761	7	14	48	25	—	4	13	5	
In central cities	660	601	2	14	43	21	—	4	13	5	
Not in central cities	169	160	4	—	4	—	—	—	—	—	
Outside MSA's	16	10	—	—	6	6	—	—	—	—	
Percent Distribution											
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980											
Northeast	100.0	93.6	.9	1.2	4.3	1.4	1.5	.7	.3	.3	
Inside MSA's	100.0	94.5	.9	1.2	3.4	1.1	1.0	.6	.3	.3	
In central cities	100.0	93.6	.9	1.8	3.7	1.3	.1	.8	.7	.7	
Not in central cities	100.0	95.0	.9	.9	3.2	.9	1.5	.5	.1	.1	
Outside MSA's	100.0	88.1	1.1	.9	9.9	3.6	4.7	1.1	.1	.4	
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980											
Northeast	100.0	91.4	1.1	2.1	5.4	2.5	—	.6	1.6	.7	
Inside MSA's	100.0	91.8	1.1	2.1	5.0	2.3	—	.6	1.7	.5	
In central cities	100.0	91.8	1.2	1.5	5.4	2.7	—	.5	1.8	.4	
Not in central cities	100.0	91.7	.7	4.0	3.6	.7	—	.8	1.3	.7	
Outside MSA's	100.0	67.1	—	—	32.9	17.9	—	—	—	14.9	
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980¹											
Northeast	100.0	91.3	.8	1.8	6.3	3.7	—	.5	1.5	.6	
Inside MSA's	100.0	91.8	.8	1.8	5.8	3.1	—	.5	1.8	.6	
In central cities	100.0	91.0	.4	2.1	6.6	3.2	—	.7	2.0	.8	
Not in central cities	100.0	95.0	2.4	—	2.5	2.5	—	—	—	—	
Outside MSA's	100.0	62.7	—	—	37.3	37.3	—	—	—	—	

¹Persons of Hispanic origin may be of any race.

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

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

Midwest	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
			Conversion	Merger	Total	Demolition or disaster	Other means			Other
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	
Number										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980										
Midwest	19 123	17 672	91	183	1 178	382	569	113	77	38
Inside MSA's	13 011	12 203	65	138	605	199	284	60	41	22
In central cities	5 104	4 785	26	87	206	93	40	28	30	16
Not in central cities	7 907	7 418	39	51	399	106	244	32	11	6
Outside MSA's	6 113	5 469	25	45	573	183	285	53	36	16
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
Midwest	1 711	1 459	5	12	235	138	6	11	78	2
Inside MSA's	1 631	1 383	5	12	231	137	4	11	78	2
In central cities	1 393	1 161	5	12	215	124	2	11	75	2
Not in central cities	238	222	--	--	16	12	2	--	3	--
Outside MSA's	80	76	--	--	4	2	2	--	--	--
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980¹										
Midwest	304	271	5	--	28	21	3	--	3	2
Inside MSA's	255	234	5	--	16	9	3	--	3	2
In central cities	199	180	5	--	14	9	--	--	3	2
Not in central cities	56	54	--	--	3	--	3	--	--	--
Outside MSA's	49	37	--	--	12	12	--	--	--	--
Percent Distribution										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980										
Midwest	100.0	92.4	.5	1.0	6.2	2.0	3.0	.6	.4	.2
Inside MSA's	100.0	93.8	.5	1.1	4.6	1.5	2.2	.5	.3	.2
In central cities	100.0	93.8	.5	1.7	4.0	1.8	.8	.5	.6	.3
Not in central cities	100.0	93.8	.5	.8	5.0	1.3	3.1	.4	.1	.1
Outside MSA's	100.0	89.5	.4	.7	9.4	3.0	4.7	.9	.6	.3
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
Midwest	100.0	85.3	.3	.7	13.7	8.1	.3	.6	4.5	.1
Inside MSA's	100.0	84.8	.3	.7	14.2	8.4	.2	.7	4.8	.1
In central cities	100.0	83.3	.4	.9	15.4	8.9	.2	.8	5.4	.2
Not in central cities	100.0	93.2	--	--	6.8	5.1	.7	--	1.1	--
Outside MSA's	100.0	95.2	--	--	4.8	2.4	2.4	--	--	--
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980¹										
Midwest	100.0	89.0	1.7	--	9.3	6.9	.8	--	.8	.8
Inside MSA's	100.0	91.7	2.0	--	6.3	3.4	1.0	--	1.0	.9
In central cities	100.0	90.6	2.6	--	6.8	4.4	--	--	1.3	1.2
Not in central cities	100.0	95.5	--	--	4.5	--	4.5	--	--	--
Outside MSA's	100.0	74.9	--	--	25.1	25.1	--	--	--	--

¹Persons of Hispanic origin may be of any race.

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

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

South	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			Other
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980										
South	22 027	19 302	57	94	2 574	694	1 472	199	121	87
Inside MSA's	15 482	13 896	40	80	1 466	398	807	137	72	52
In central cities	6 178	5 785	13	55	325	134	97	46	20	28
Not in central cities	9 304	8 111	26	26	1 141	264	710	91	52	24
Outside MSA's	6 545	5 407	17	13	1 108	297	665	62	49	35
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
South	4 349	3 651	15	43	640	312	139	37	135	17
Inside MSA's	3 165	2 731	15	36	383	179	67	31	90	17
In central cities	2 138	1 871	12	33	222	103	18	20	74	6
Not in central cities	1 027	860	2	3	161	76	48	11	16	10
Outside MSA's	1 184	920	-	7	257	133	72	6	45	-
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980¹										
South	1 223	1 086	9	7	122	57	34	3	22	6
Inside MSA's	1 058	955	9	7	87	54	17	3	12	2
In central cities	668	615	5	-	48	32	7	3	4	2
Not in central cities	390	340	4	7	39	23	10	-	7	-
Outside MSA's	165	131	-	-	34	3	17	-	11	4
Percent Distribution										
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980										
South	100.0	87.6	.3	.4	11.7	3.2	6.7	.9	.6	.4
Inside MSA's	100.0	89.8	.3	.5	9.5	2.6	5.2	.9	.5	.3
In central cities	100.0	93.6	.2	.9	5.3	2.2	1.6	.7	.3	.5
Not in central cities	100.0	87.2	.3	.3	12.3	2.8	7.6	1.0	.6	.3
Outside MSA's	100.0	82.6	.3	.2	16.9	4.5	10.2	1.0	.7	.5
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980										
South	100.0	84.0	.3	1.0	14.7	7.2	3.2	.9	3.1	.4
Inside MSA's	100.0	86.3	.5	1.1	12.1	5.7	2.1	1.0	2.8	.5
In central cities	100.0	87.5	.6	1.5	10.4	4.8	.9	.9	3.5	.3
Not in central cities	100.0	83.8	.2	.3	15.7	7.4	4.7	1.0	1.5	1.0
Outside MSA's	100.0	77.7	-	.6	21.7	11.2	6.1	.5	3.8	-
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980¹										
South	100.0	88.8	.7	.6	9.9	4.6	2.8	.2	1.8	.5
Inside MSA's	100.0	90.3	.8	.7	8.3	5.1	1.6	.3	1.1	.2
In central cities	100.0	92.1	.8	-	7.2	4.7	1.1	.4	.7	.3
Not in central cities	100.0	87.2	.9	1.8	10.1	5.8	2.5	-	1.8	-
Outside MSA's	100.0	79.3	-	-	20.7	1.6	10.4	-	6.5	2.2

¹Persons of Hispanic origin may be of any race.

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

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

West	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—						
			Conversion	Merger	Total	Demolition or disaster	Other means				
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other	
Number											
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980											
West.....	13 671	12 502	61	65	1 043	310	560	83	33	57	
Inside MSA's.....	11 224	10 466	58	47	853	252	278	56	25	43	
In central cities.....	4 762	4 470	16	21	254	124	58	36	8	27	
Not in central cities.....	6 462	5 995	42	26	399	128	219	20	17	16	
Outside MSA's.....	2 448	2 036	3	18	390	59	282	28	7	15	
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980											
West.....	827	786	12	6	24	12	4	3	2	3	
Inside MSA's.....	806	774	12	6	14	8	—	3	—	3	
In central cities.....	557	536	12	5	5	2	—	3	—	—	
Not in central cities.....	248	238	—	1	9	6	—	—	—	3	
Outside MSA's.....	22	12	—	—	10	4	4	—	2	—	
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980¹											
West.....	1 631	1 482	2	9	138	78	43	2	7	8	
Inside MSA's.....	1 470	1 369	2	9	89	68	13	—	3	6	
In central cities.....	702	662	—	9	31	25	—	—	3	3	
Not in central cities.....	768	707	2	—	58	43	13	—	—	3	
Outside MSA's.....	162	113	—	—	49	10	31	2	4	2	
Percent Distribution											
HOUSING UNITS WITH A WHITE HOUSEHOLDER IN 1980											
West.....	100.0	91.4	.4	.5	7.6	2.3	4.1	.6	.2	.4	
Inside MSA's.....	100.0	93.2	.5	.4	5.8	2.2	2.5	.5	.2	.4	
In central cities.....	100.0	93.9	.3	.4	5.3	2.6	1.2	.6	.2	.6	
Not in central cities.....	100.0	92.8	.6	.4	6.2	2.0	3.4	.3	.3	.2	
Outside MSA's.....	100.0	83.2	.1	.7	15.9	2.4	11.5	1.1	.3	.6	
HOUSING UNITS WITH A BLACK HOUSEHOLDER IN 1980											
West.....	100.0	95.0	1.4	.7	2.9	1.5	.5	.3	.2	.4	
Inside MSA's.....	100.0	96.1	1.5	.7	1.7	1.0	—	.3	—	.4	
In central cities.....	100.0	96.2	2.1	.8	.9	.4	—	.5	—	—	
Not in central cities.....	100.0	95.9	—	.6	3.6	2.4	—	—	—	1.2	
Outside MSA's.....	100.0	53.7	—	—	46.3	19.5	17.6	—	9.2	—	
HOUSING UNITS WITH A HOUSEHOLDER OF HISPANIC ORIGIN IN 1980¹											
West.....	100.0	90.8	.1	.6	8.4	4.8	2.6	.1	.4	.5	
Inside MSA's.....	100.0	93.2	.2	.6	6.1	4.6	.9	—	.2	.4	
In central cities.....	100.0	94.3	—	1.3	4.4	3.5	—	—	.4	.4	
Not in central cities.....	100.0	92.1	.3	—	7.6	5.6	1.6	—	—	.4	
Outside MSA's.....	100.0	69.8	—	—	30.2	6.4	18.9	1.1	2.5	1.3	

¹Persons of Hispanic origin may be of any race.

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

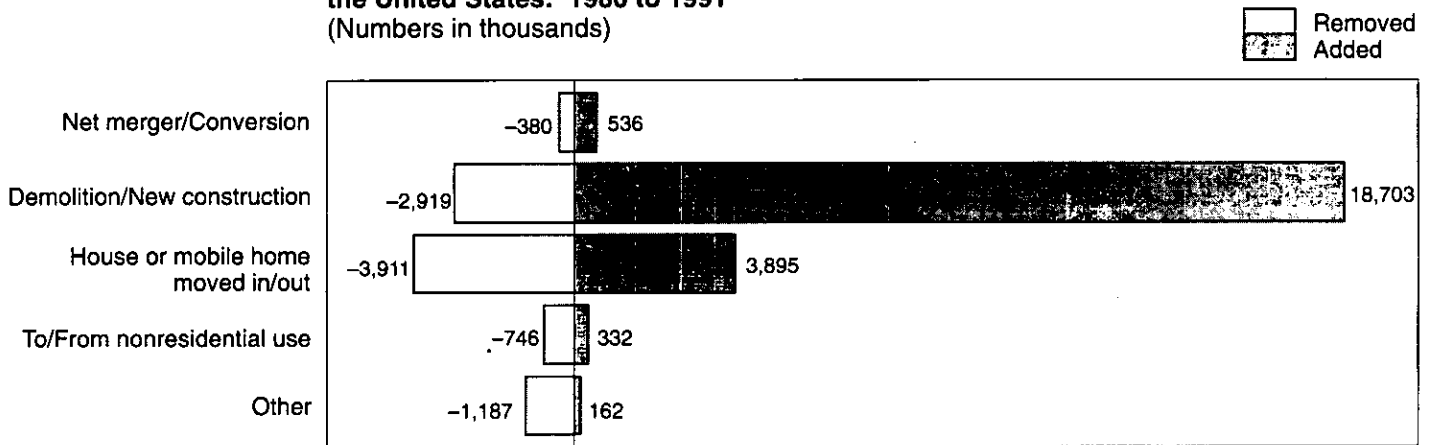
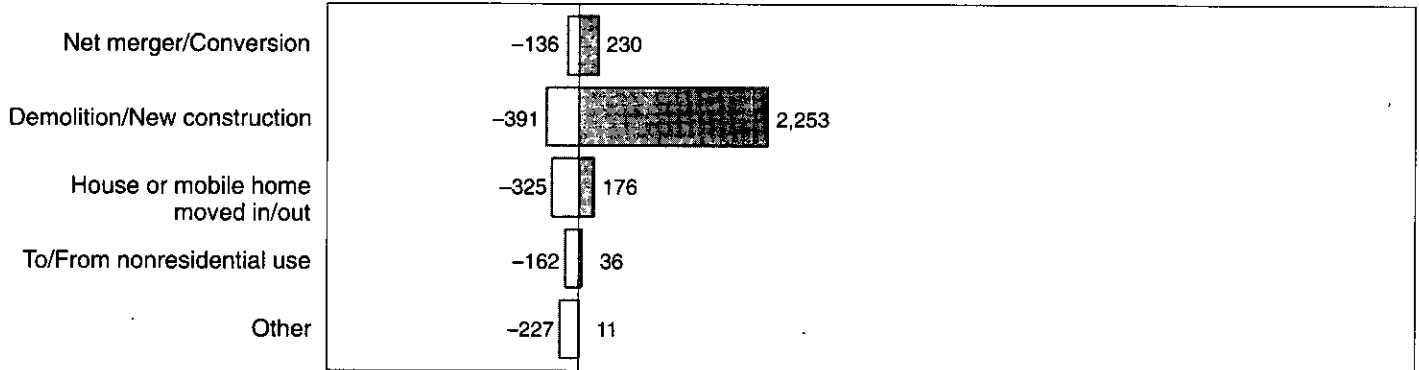


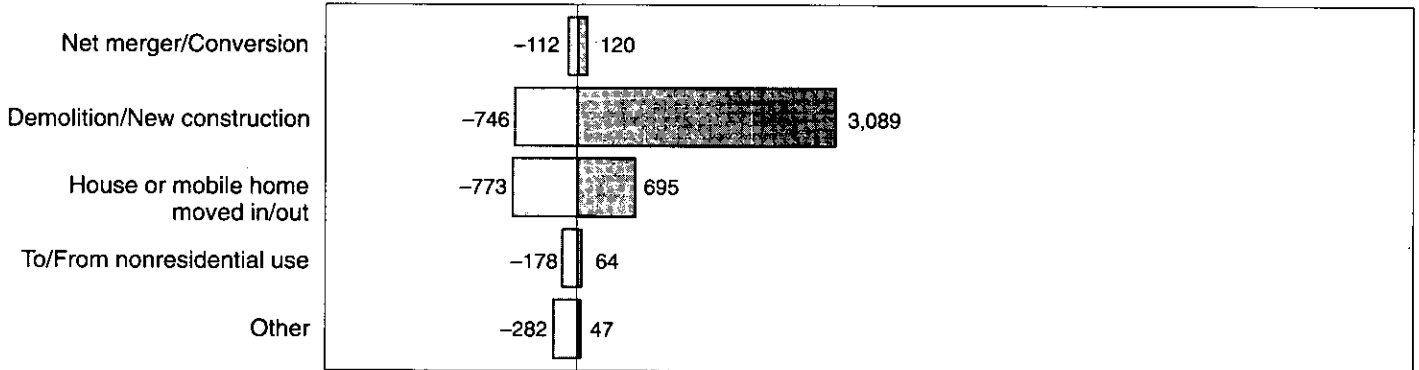
Figure 2.
Changes in the Housing Inventory
by Region: 1980 to 1991
 (Numbers in thousands)

Removed
 Added

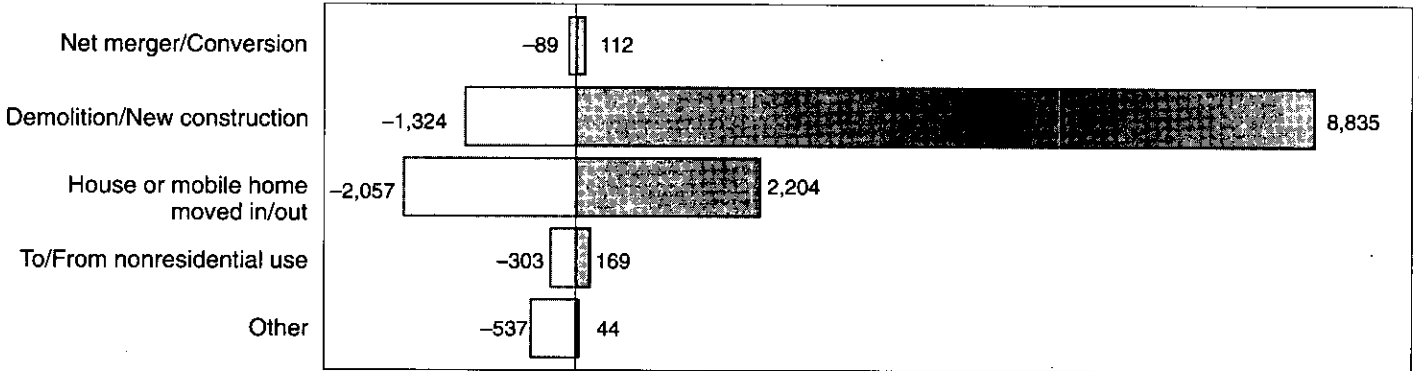
Northeast



Midwest



South



West

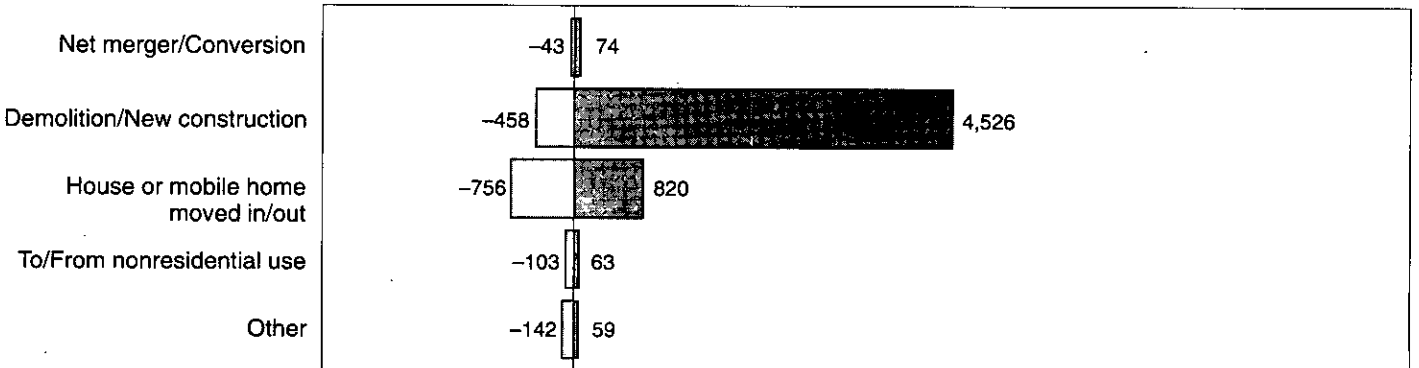
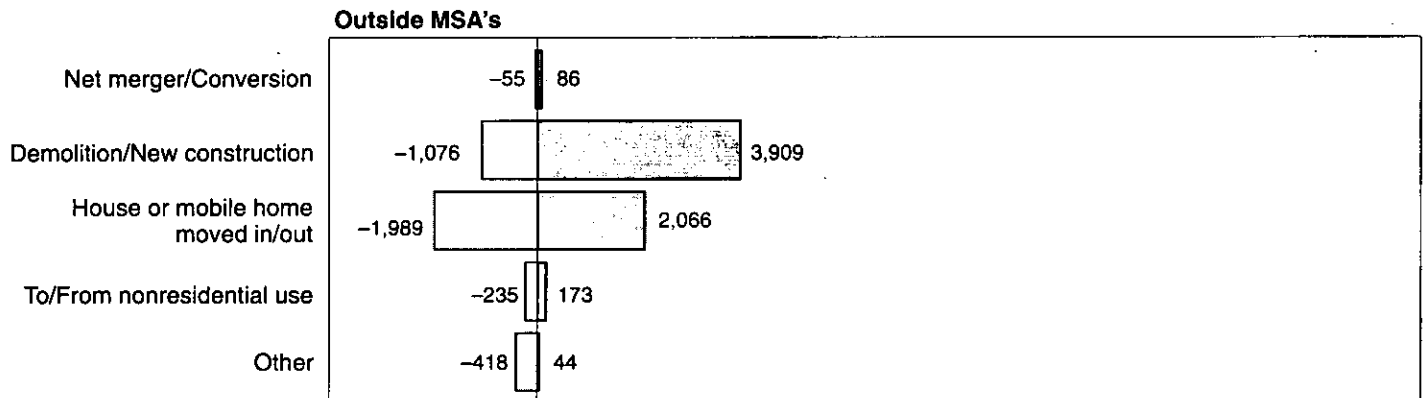
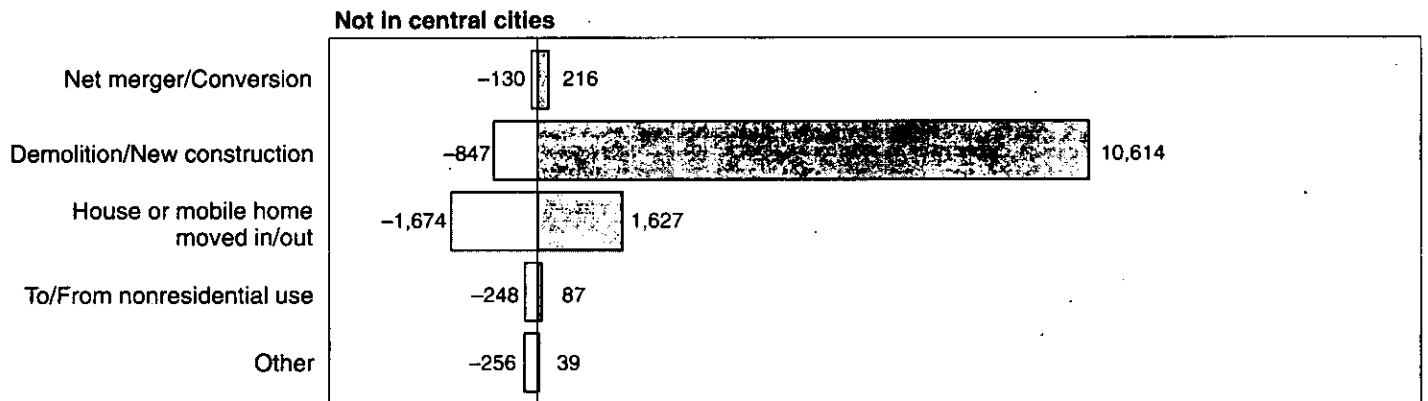
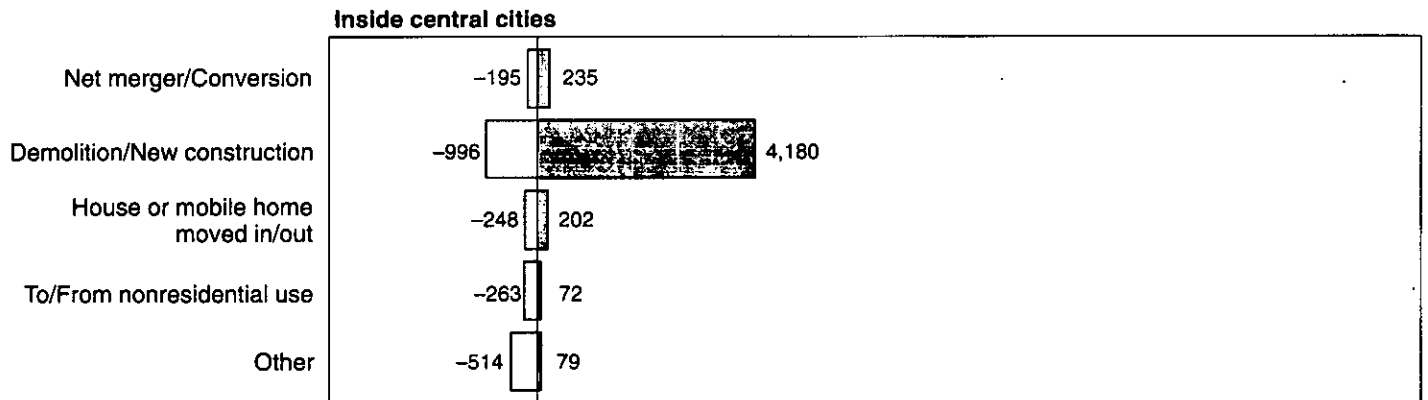
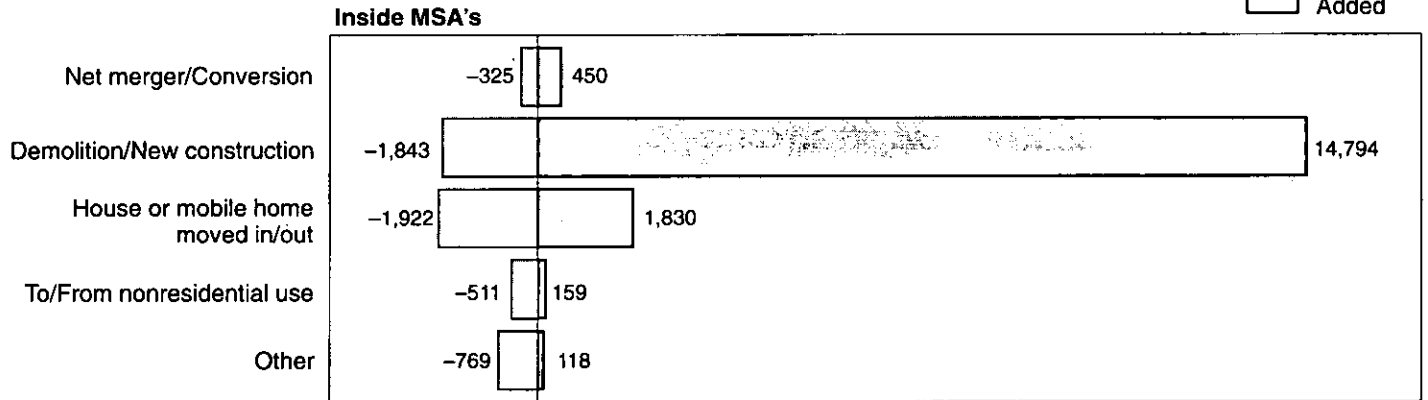


Figure 3.
**Changes in the Housing Inventory by
 Metropolitan Residence: 1980 to 1991**
 (Numbers in thousands)

Removed
 Added



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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	104 556	80 155	984	326	23 092	18 703	3 895	332	162
Occupancy Status									
Vacant and URE	11 408	8 100	148	36	3 123	2 109	899	53	62
Occupied	93 148	72 054	836	289	19 968	16 594	2 997	278	99
Tenure									
Owner occupied	60 742	46 885	212	189	13 456	11 167	2 169	114	6
Percent of all occupied	65.2	65.1	25.4	65.3	67.4	67.3	72.4	41.0	6.4
Renter occupied	32 406	25 170	624	100	6 512	5 427	828	164	93
Units in Structure									
1, detached	62 317	52 661	—	193	9 463	9 068	137	215	42
1, attached	6 098	4 322	—	19	1 757	1 730	7	12	8
2 to 4	10 593	8 423	872	68	1 230	1 160	14	41	15
5 to 9	5 175	3 748	101	16	1 310	1 293	—	17	—
10 to 19	4 569	3 064	4	12	1 489	1 476	—	8	6
20 to 49	3 694	2 735	7	7	945	871	2	16	56
50 or more	4 141	3 332	—	11	798	741	—	23	34
Mobile home or trailer	7 969	1 869	—	1	6 099	2 364	3 735	—	—
Cooperatives and Condominiums									
Cooperatives	765	666	1	4	94	60	29	—	5
Condominiums	4 513	2 695	5	9	1 804	1 790	5	7	2
Year Structure Built¹									
1990 to 1994	2 391	—	—	—	2 391	2 391	—	—	—
1985 to 1989	8 693	—	—	—	8 693	8 693	—	—	—
1980 to 1984	8 098	404	—	—	7 694	7 619	72	—	4
1975 to 1979	11 795	10 257	31	16	1 491	—	1 354	109	28
1970 to 1974	11 801	10 458	36	9	1 297	—	1 280	17	20
1960 to 1969	16 850	15 565	71	29	955	—	907	31	47
1950 to 1959	14 232	13 750	164	43	276	—	220	35	21
1940 to 1949	8 641	8 370	128	48	99	—	50	32	14
1930 to 1939	7 199	6 475	500	163	81	—	18	35	9
1920 to 1929	5 523	5 458	15	1	50	—	8	35	8
1919 or earlier	9 532	9 421	38	16	58	—	9	39	11
Median	1964	1958	1939	1939	1984	1985	1973	1957	1964
Suitability for Year-Round Use²									
Built and heated for year-round use	103 830	79 608	982	323	22 917	18 656	3 769	329	162
Not suitable	658	488	—	3	168	41	125	2	—
Not reported	68	59	1	—	7	6	1	—	—
Time Sharing									
URE owner, sold, not yet occupied, and vacant for sale units	2 028	1 374	9	9	636	495	135	5	1
Ownership time-shared	13	11	—	—	2	2	—	—	—
Not time-shared	2 015	1 363	9	9	634	493	135	5	1
Not reported	—	—	—	—	—	—	—	—	—
Duration of Vacancy									
Vacant units	10 221	7 344	136	30	2 710	1 820	827	49	14
Less than 1 month vacant	2 547	1 783	33	9	722	534	169	13	7
1 month up to 2 months	684	498	8	1	156	117	39	—	—
2 months up to 6 months	2 081	1 512	24	5	540	334	189	11	7
6 months up to 1 year	1 066	830	20	1	214	153	58	3	—
1 year up to 2 years	711	556	12	5	138	64	68	6	—
2 years or more	1 550	1 272	24	7	247	101	133	13	1
Never occupied	414	84	—	—	329	289	40	—	—
Don't know	1 188	809	14	2	362	227	131	4	—
Last Used as a Permanent Residence									
Vacant seasonal and URE units	3 031	1 889	16	10	1 116	651	408	8	48
Less than 1 month since occupied as permanent home	74	41	2	—	31	18	13	—	—
1 month up to 2 months	25	11	1	—	13	1	8	—	—
2 months up to 6 months	117	80	2	—	34	24	11	4	—
6 months up to 1 year	89	55	1	—	32	25	7	—	—
1 year up to 2 years	71	37	2	—	32	24	8	—	—
2 years or more	471	364	1	5	101	33	58	—	—
Never occupied as permanent home	1 555	881	—	3	670	425	240	2	10
Don't know	540	343	4	2	190	97	59	2	3
Not reported	90	77	1	—	11	4	4	—	3
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	80 103	62 114	821	267	16 901	14 794	1 830	159	118
In central cities	32 467	27 356	409	168	4 533	4 180	202	72	79
Suburbs	47 636	34 758	412	99	12 368	10 614	1 627	87	39
Outside metropolitan statistical areas	24 452	18 040	162	59	6 191	3 909	2 066	173	44
Regions									
Northeast	21 054	18 050	412	117	2 476	2 253	176	36	11
Midwest	24 987	20 773	222	96	3 895	3 089	695	64	47
South	36 985	25 475	194	64	11 253	8 835	2 204	169	44
West	21 529	15 856	156	49	5 468	4 526	820	63	59

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Urbanized Areas									
Inside urbanized areas	64 031	52 377	662	244	10 749	9 849	688	101	111
In central cities of (P)MSA's	31 901	26 997	401	168	4 334	3 984	200	72	79
Urban fringe	32 130	25 379	261	76	6 414	5 866	488	29	32
Outside urbanized areas	40 524	27 778	322	81	12 343	8 854	3 208	231	51
Other urban	13 069	10 369	163	54	2 483	2 059	342	52	29
Rural	27 456	17 409	159	27	9 860	6 795	2 865	179	21
Place Size³									
Less than 2,500 persons	5 041	4 234	58	11	738	444	258	27	8
2,500 to 9,999 persons	10 504	8 667	154	38	1 646	1 281	331	32	2
10,000 to 19,999 persons	9 536	8 063	80	38	1 355	1 174	157	18	6
20,000 to 49,999 persons	14 013	11 585	186	44	2 199	2 011	131	28	29
50,000 to 99,999 persons	9 031	7 611	54	22	1 344	1 211	96	10	27
100,000 to 249,999 persons	8 188	6 626	89	27	1 445	1 359	68	3	15
250,000 to 499,999 persons	5 530	4 659	60	30	781	722	33	15	10
500,000 to 999,999 persons	4 922	4 076	74	31	740	687	20	7	27
1,000,000 persons or more	7 120	6 497	92	59	473	401	20	31	21

¹For mobile home, oldest category is 1939 or earlier.

²If occupied year-round, assumed to be suitable for year-round use.

³Figures will not add to total, because all units are not in Places.

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	104 556	80 155	984	326	23 092	18 703	3 895	332	162
Stories In Structure									
1	2 874	2 075	147	15	637	604	-	17	16
2	10 199	7 003	323	19	2 855	2 794	14	21	26
3	7 857	6 045	379	42	1 392	1 360	-	27	5
4 to 6	4 581	3 878	126	24	533	485	-	15	32
7 or more	2 665	2 295	-	13	356	298	-	24	32
Not reported	16	6	10	-	-	-	-	-	-
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	25 282	19 221	827	98	5 136	4 937	16	87	96
None (on same floor)	8 817	6 314	412	42	1 849	1 812	7	23	7
1 (up or down)	7 018	5 342	261	26	1 389	1 328	7	23	30
2 or more (up or down)	7 040	5 586	90	26	1 337	1 275	2	31	29
Not reported	2 607	1 979	64	3	561	522	-	10	30
Common Stairways									
Multiunits, 2 or more floors	25 282	19 221	827	98	5 136	4 937	16	87	96
No common stairways	4 878	3 455	433	27	963	944	-	15	3
With common stairways	17 913	13 877	327	67	3 642	3 500	16	63	63
No loose steps	16 899	12 900	297	63	3 439	3 322	15	61	41
Railings not loose	15 208	11 701	249	60	3 197	3 085	15	57	41
Railings loose	517	397	11	1	107	107	-	1	-
No railings	781	637	34	2	89	85	-	4	-
Status of railings not reported	214	165	3	-	46	46	-	-	-
Loose steps	1 140	915	30	4	191	167	-	2	22
Railings not loose	807	615	15	1	178	154	-	-	22
Railings loose	239	217	11	2	9	8	-	1	-
No railings	73	69	1	-	3	3	-	-	-
Status of railings not reported	21	15	4	-	2	2	-	-	-
Status of steps not reported	74	62	-	-	12	12	-	-	-
Status of stairways not reported	2 491	1 889	67	3	531	492	-	9	30
Light Fixtures in Public Halls									
2 or more units in structure	28 158	21 298	974	113	5 772	5 541	16	104	111
No public halls	9 895	6 927	652	43	2 273	2 216	1	39	17
No light fixtures in public halls	81	65	2	-	13	13	-	-	-
All in working order	10 547	8 372	146	46	1 983	1 884	2	1	-
Some in working order	740	637	42	4	56	38	-	38	59
None in working order	58	48	6	2	-	-	-	1	5
Unable to determine if working	3 797	2 945	37	15	799	785	-	14	-
Not reported	3 041	2 301	88	3	648	606	-	12	30
Elevator on Floor									
Multiunits, 2 or more floors	25 282	19 221	827	98	5 136	4 937	16	87	96
With 1 or more elevators working	4 078	3 256	1	14	807	757	2	23	25
With elevator, none in working condition	189	158	1	-	30	30	-	-	-
No elevator	18 511	13 908	759	81	3 762	3 653	14	55	40
Units 3 or more floors from main entrance	1 043	857	19	6	162	156	-	7	-
Not reported	2 504	1 899	66	3	537	498	-	9	30
Foundation									
1 unit bldg. excl. mobile homes	68 415	58 983	-	211	11 220	10 798	145	227	50
With basement under all of building	23 225	20 123	-	115	2 987	2 934	21	22	10
With basement under part of building	8 142	7 294	-	39	809	789	6	12	2
With crawl space	17 772	15 428	-	33	2 311	2 142	75	83	11
On concrete slab	17 581	12 709	-	21	4 851	4 732	30	87	2
Other	1 681	1 426	-	4	230	195	12	22	1
Not reported	35	2	-	-	33	7	-	1	25
External Building Conditions¹									
Sagging roof	116	105	5	4	2	1	-	1	-
Missing roofing material	139	115	17	-	7	7	-	-	-
Hole in roof	27	27	-	-	-	-	-	-	-
Could not see roof	2 803	2 414	88	14	288	270	-	18	-
Missing bricks, siding, other outside wall material	442	380	34	7	21	21	-	-	-
Sloping outside walls	66	63	-	2	1	-	-	1	-
Boarded up windows	320	299	12	2	7	5	-	2	-
Broken windows	390	366	17	5	2	2	-	-	-
Bars on windows	538	510	15	3	11	8	-	3	-
Foundation crumbling or has open crack or hole	384	349	18	3	14	12	-	1	-
Could not see foundation	1 043	918	39	4	82	76	-	6	-
None of the above	20 673	15 265	719	87	4 603	4 453	16	69	65
Could not observe or not reported	3 622	2 682	108	4	828	768	-	14	47
Site Placement									
Mobile homes	7 969	1 869	-	1	6 099	2 364	3 735	-	-
First site	3 988	1 107	-	-	2 880	1 622	1 259	-	-
Moved from another site	2 279	355	-	-	1 925	528	1 396	-	-
Don't know	1 439	346	-	1	1 093	159	934	-	-
Not reported	263	61	-	-	201	56	145	-	-

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total -----	104 556	80 155	984	326	23 092	18 703	3 895	332	162
Rooms									
1 room -----	831	605	68	3	155	67	23	18	48
2 rooms -----	1 340	1 064	71	6	189	119	48	19	14
3 rooms -----	9 849	7 511	253	22	2 064	1 573	368	70	53
4 rooms -----	21 006	14 552	244	40	6 170	4 245	1 806	95	23
5 rooms -----	23 733	18 086	171	37	5 438	4 264	1 101	61	13
6 rooms -----	20 872	16 948	97	60	3 778	3 364	371	37	5
7 rooms -----	13 088	10 738	45	50	2 255	2 153	100	2	-
8 rooms -----	7 822	6 119	28	47	1 628	1 576	42	9	-
9 rooms -----	3 487	2 608	8	23	848	795	35	16	2
10 rooms or more -----	2 528	1 924	8	39	558	547	2	6	3
Median -----	5.3	5.4	3.9	6.4	5.0	5.3	4.3	4.1	2.9
Bedrooms									
None -----	1 570	1 234	87	3	246	123	27	28	68
1 -----	13 835	10 576	387	40	2 833	2 234	457	89	52
2 -----	34 124	25 127	310	67	8 620	6 231	2 242	129	19
3 -----	40 170	31 425	156	109	8 479	7 300	1 094	70	15
4 or more -----	14 857	11 793	44	106	2 914	2 815	76	15	8
Median -----	2.6	2.6	1.6	3.0	2.5	2.6	2.2	1.9	.7
Complete Bathrooms									
None -----	1 095	819	56	1	218	79	98	20	20
1 -----	51 548	42 828	793	111	7 816	5 026	2 461	215	115
1 and one-half -----	16 076	13 454	57	29	2 536	1 960	542	25	8
2 or more -----	35 836	23 053	78	184	12 522	11 638	794	71	18
Square Footage of Unit									
Single detached and mobile homes -----	70 286	54 530	-	194	15 562	11 432	3 872	215	42
Less than 500 -----	1 285	733	-	2	550	109	423	15	3
500 to 749 -----	3 637	2 347	-	5	1 286	221	1 051	15	-
750 to 999 -----	7 068	4 727	-	5	2 335	1 150	1 144	41	-
1,000 to 1,499 -----	16 396	13 153	-	18	3 225	2 566	609	46	3
1,500 to 1,999 -----	13 910	11 356	-	26	2 529	2 375	136	18	-
2,000 to 2,499 -----	9 672	7 999	-	19	1 655	1 591	49	13	2
2,500 to 2,999 -----	5 195	4 233	-	9	954	939	7	8	-
3,000 to 3,999 -----	4 681	3 721	-	12	949	936	13	-	-
4,000 or more -----	2 694	2 089	-	14	592	554	26	10	2
Not reported (includes don't know) -----	5 746	4 174	-	85	1 488	992	414	50	32
Median -----	1 640	1 686	-	1 971	1 444	1 747	806	1 134	-
Lot Size									
Less than one-eighth acre -----	7 132	5 663	-	45	1 425	949	469	2	5
One-eighth up to one-quarter acre -----	13 345	11 214	-	37	2 094	1 827	229	38	-
One-quarter up to one-half acre -----	9 985	7 951	-	19	2 015	1 831	183	-	-
One-half up to one acre -----	7 263	5 543	-	14	1 705	1 401	287	15	2
1 to 4 acres -----	9 733	6 771	-	16	2 946	2 233	669	41	3
5 to 9 acres -----	1 574	997	-	2	576	415	159	-	2
10 acres or more -----	3 353	2 483	-	2	868	583	254	29	2
Don't know -----	18 560	14 765	-	74	3 722	2 711	932	69	11
Not reported -----	1 480	831	-	-	648	567	53	3	25
Median -----	.39	.36	-	.20	.58	.50	.92	1.67	-

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	104 556	60 155	984	326	23 092	18 703	3 895	332	162
Equipment¹									
Lacking complete kitchen facilities	3 550	2 765	88	10	688	441	167	29	50
With complete kitchen (sink, refrigerator and burners)	101 005	77 390	896	315	22 404	18 262	3 728	302	111
Kitchen Sink	103 730	79 577	938	323	22 891	18 596	3 855	324	117
Refrigerator	101 837	78 018	926	317	22 577	18 372	3 761	310	133
Less than 5 years old	34 763	24 095	320	119	10 229	9 153	934	103	39
Age not reported	2 802	1 973	45	4	780	605	142	21	13
Burners and oven	102 448	78 407	915	316	22 809	18 565	3 819	310	115
Less than 5 years old	27 811	17 586	270	98	9 857	9 060	688	91	19
Age not reported	3 075	2 149	34	1	891	694	173	11	14
Burners only	130	103	2	-	25	11	7	4	2
Less than 5 years old	33	23	-	-	10	5	2	4	-
Age not reported	30	28	-	-	2	2	-	-	-
Oven only	95	70	6	-	19	14	2	1	2
Less than 5 years old	37	30	3	-	4	-	-	1	-
Age not reported	15	15	-	-	-	-	-	-	-
Neither burners nor oven	1 883	1 574	60	9	239	112	67	17	43
Dishwasher	50 904	35 338	217	119	15 230	14 470	655	93	13
Less than 5 years old	18 747	10 796	79	56	7 816	7 600	160	53	3
Age not reported	1 592	970	11	3	609	580	24	4	-
Washing machine	74 534	56 593	390	242	17 310	14 780	2 362	158	10
Less than 5 years old	27 017	18 705	170	88	8 054	7 115	855	81	3
Age not reported	1 126	748	4	1	373	322	43	8	-
Clothes dryer	87 994	50 938	342	207	16 508	14 370	1 975	152	10
Less than 5 years old	22 143	14 590	104	71	7 377	6 716	610	46	6
Age not reported	969	837	9	-	323	270	49	4	-
Disposal in kitchen sink	41 831	29 104	107	81	12 538	12 091	340	58	50
Less than 5 years old	16 332	9 313	50	46	6 922	6 745	121	30	26
Age not reported	2 149	1 540	7	3	600	562	17	6	15
Air conditioning:									
Central	43 637	28 728	114	58	14 736	13 511	1 080	97	48
1 room unit	18 869	15 864	217	64	2 724	1 490	1 126	75	33
2 room units	7 370	6 447	63	41	819	441	332	24	23
3 room units or more	2 627	2 478	22	27	101	62	35	3	-
Main Heating Equipment									
Warm-air furnace	55 148	41 358	430	117	13 243	10 648	2 410	121	64
Steam or hot water system	15 169	13 812	291	125	941	826	34	30	51
Electric heat pump	8 599	4 413	19	8	4 159	3 937	194	20	8
Built-in electric units	7 760	5 829	64	10	2 057	1 839	175	37	6
Floor, wall, or other built-in hot air units without ducts	4 829	4 412	46	12	359	219	111	21	9
Room heaters with flue	3 128	2 799	21	13	295	115	150	20	10
Room heaters without flue	2 450	2 088	14	12	335	99	216	20	-
Portable electric heaters	868	628	23	6	212	58	142	12	-
Stoves	3 095	2 315	39	5	736	438	263	34	-
Fireplaces with inserts	607	458	5	-	145	134	11	-	-
Fireplaces without inserts	502	370	-	5	128	115	13	-	-
Other	1 039	799	12	5	223	145	76	2	-
None	1 361	1 075	20	7	259	129	102	14	14
Other Heating Equipment									
With other heating equipment ¹	29 374	22 184	192	76	6 922	5 907	944	62	8
Warm-air furnace	1 425	939	6	5	475	300	166	10	-
Steam or hot water system	160	140	-	2	17	15	2	-	-
Electric heat pump	323	227	1	1	93	87	6	-	-
Built-in electric units	2 531	2 068	28	8	428	374	42	4	6
Floor, wall, or other built-in hot-air units without ducts	507	457	2	2	46	35	11	-	-
Room heaters with flue	960	786	11	2	161	87	71	3	-
Room heaters without flue	2 128	1 693	12	9	413	232	179	2	-
Portable electric heaters	6 055	5 179	66	17	794	534	245	14	-
Stoves	3 655	2 822	27	8	798	602	175	21	-
Fireplaces with inserts	4 060	2 838	11	11	1 200	1 155	37	6	2
Fireplaces with no inserts	10 118	7 143	46	22	2 906	2 841	59	5	-
Other	957	751	5	1	201	175	26	-	-
Plumbing²									
With all plumbing facilities	101 474	77 855	896	319	22 403	18 242	3 704	315	142
Lacking some plumbing facilities ¹	405	294	29	1	82	23	35	6	17
No hot piped water	82	70	-	-	13	6	5	2	-
No bathtub nor shower	353	261	29	1	62	11	28	6	17
No flush toilet	214	140	22	1	52	12	22	-	17
No plumbing facilities for exclusive use	2 677	2 006	59	6	607	438	156	11	2
Source of Water									
Public system or private company	89 826	69 848	699	305	18 774	15 934	2 445	239	156
Well serving 1 to 5 units	12 830	8 929	63	16	3 821	2 486	1 247	86	2
Drilled	10 895	7 497	49	11	3 339	2 238	1 027	74	-
Dug	1 322	969	8	1	345	177	183	3	2
Not reported	612	463	7	5	137	72	56	9	-
Other	1 900	1 378	22	4	496	283	203	6	4

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Means of Sewage Disposal									
Public sewer	80 581	63 860	785	302	15 604	13 818	1 452	185	149
Septic tank, cesspool, chemical toilet	23 558	15 952	187	24	7 395	4 845	2 399	138	13
Other	417	322	2	-	93	40	44	9	-

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

²Data not up to publication standards; see "Qualifications of the Data" section in the Introduction.

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

Table 1A-5. Fuels—All Housing Units.

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	104 556	80 155	984	326	23 082	18 703	3 895	332	162
Main House Heating Fuel									
Housing units with heating fuel	103 195	79 080	964	318	22 833	18 575	3 794	317	147
Electricity	27 139	16 335	156	34	10 615	9 463	1 041	93	18
Piped gas	52 183	43 857	521	201	7 603	6 392	982	130	100
Bottled gas	4 844	2 710	9	5	1 920	1 012	864	29	15
Fuel oil	12 627	11 380	216	61	970	651	287	18	14
Kerosene or other liquid fuel	1 128	874	5	5	443	188	244	11	—
Coal or coke	357	304	6	—	48	28	18	2	—
Wood	4 614	3 474	47	10	1 083	753	300	30	—
Solar energy	31	12	—	—	19	17	2	—	—
Other	474	335	5	3	132	70	57	5	—
Other House Heating Fuels									
With other heating fuels ¹	18 173	13 848	100	56	4 170	3 354	730	54	31
Electricity	5 659	4 580	52	27	1 001	697	271	28	5
Piped gas	870	658	4	6	203	148	42	—	13
Bottled gas	602	411	4	—	187	113	71	3	—
Fuel oil	645	569	5	1	69	41	16	—	—
Kerosene or other liquid fuel	1 610	1 251	13	4	342	191	151	2	10
Coal or coke	214	180	2	—	32	28	3	—	—
Wood	8 893	6 487	22	19	2 355	2 141	189	23	2
Solar energy	186	141	2	—	43	37	6	—	—
Other	261	202	1	2	56	49	7	—	—
Not reported	821	602	4	—	215	164	51	—	—
Cooking Fuel									
With cooking fuel	102 643	78 561	924	316	22 842	18 591	3 818	315	119
Electricity	59 913	43 670	449	134	15 680	13 849	1 563	193	55
Gas	42 140	34 518	475	182	6 965	4 667	2 125	110	64
Kerosene or other liquid fuel	283	178	—	—	105	25	61	—	—
Coal or coke	8	8	—	—	—	—	—	—	—
Wood	86	72	—	—	14	14	—	—	—
Other	214	116	—	—	98	36	50	12	—
Water Heating Fuel									
With hot piped water	103 969	79 706	959	326	22 979	18 655	3 843	319	162
Electricity	39 233	25 923	254	57	12 999	10 534	2 278	169	19
Gas	57 145	47 091	569	228	9 256	7 572	1 423	135	126
Fuel oil	6 411	5 829	129	34	420	351	49	3	17
Kerosene or other liquid fuel	242	144	—	1	98	38	60	—	—
Coal or coke	67	61	—	—	6	6	—	—	—
Wood	72	53	—	1	17	9	8	—	—
Solar energy	309	239	5	1	65	63	2	—	—
Other	490	367	1	4	118	82	24	12	—
Central Air Conditioning Fuel									
With central air conditioning	43 637	28 728	114	58	14 736	13 511	1 080	97	48
Electricity	40 576	26 328	114	53	14 080	12 894	1 042	97	48
Gas	2 863	2 235	—	4	624	582	32	—	—
Other	198	165	—	1	32	26	6	—	—
Clothes Dryer Fuel									
With clothes dryer	67 994	50 938	342	207	16 508	14 370	1 975	152	10
Electricity	51 997	37 511	247	136	14 103	12 178	1 798	124	2
Gas	15 822	13 362	85	70	2 394	2 183	175	28	8
Other	75	65	—	—	10	8	2	—	—

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	104 556	80 155	984	326	23 092	18 703	3 895	332	162
Selected Amenities¹									
Porch, deck, balcony, or patio	78 810	59 519	566	229	18 496	15 721	2 564	182	28
Not reported	268	205	1	-	59	29	22	-	8
Usable fireplace	30 674	22 202	126	70	8 277	8 055	186	28	8
Separate dining room	45 384	35 951	241	199	8 993	8 279	627	76	11
With 2 or more living rooms or recreation rooms, etc.	31 215	24 778	136	133	6 167	5 741	368	43	15
Garage or carport included with home	56 776	44 767	246	141	11 623	10 736	761	108	18
Not included	44 218	32 845	699	177	10 497	7 339	2 820	195	143
Offstreet parking included	33 866	23 801	466	114	9 485	6 679	2 568	157	81
Offstreet parking not reported	391	315	5	-	71	49	17	2	2
Garage or carport not reported	312	193	8	1	110	104	6	-	1
Owner or Manager on Property									
Rental, multiunit ²	28 172	21 302	984	113	5 772	5 541	16	104	111
Owner or manager lives on property	8 809	6 386	197	16	2 210	2 123	-	33	54
Neither owner nor manager lives on property	14 409	11 283	489	47	2 590	2 481	15	57	57
Not reported	4 953	3 634	298	50	972	957	-	15	-
Selected Deficiencies¹									
Holes in floors	1 413	1 158	28	10	217	77	132	8	-
Open cracks or holes (interior)	5 487	4 734	76	32	625	394	205	26	-
Broken plaster or peeling paint (interior)	4 814	4 185	42	22	364	213	124	26	-
No electrical wiring	119	74	-	-	45	34	11	-	-
Exposed wiring	1 653	1 361	36	11	245	158	69	15	4
Rooms without electric outlets	1 906	1 638	30	7	232	132	87	13	-
Description of Area Within 300 Feet¹									
Single-family detached houses	9 582	7 541	691	61	1 289	1 215	7	34	34
Only single-family detached	-	-	-	-	-	-	-	-	-
Single-family attached or 1 to 3 story multiunit	18 510	13 889	409	66	4 163	4 056	14	47	47
4 to 6 story multiunit	4 800	3 944	87	28	541	484	9	19	28
7 stories or more multiunit	2 515	2 249	25	14	227	204	2	19	2
Mobile homes	288	183	27	-	59	57	-	2	-
Commercial, institutional, or industrial	6 249	6 880	329	47	1 193	1 091	-	40	61
Residential parking lots	7 184	5 092	61	23	2 008	1 941	10	16	41
Body of water	1 332	897	29	8	400	392	-	6	2
Open space, park, farm, or ranch	5 012	3 405	180	26	1 420	1 382	2	34	3
4+ lane highway, railroad, or airport	3 248	2 487	91	17	673	619	12	14	27
Other	1 266	978	78	8	204	193	3	8	-
Not observed or not reported	2 928	2 181	95	3	649	607	-	12	30
Age of Other Residential Buildings Within 300 Feet									
Older	1 627	987	12	5	623	605	3	10	5
About the same	18 276	13 630	654	72	3 620	3 521	-	53	45
Newer	576	467	48	4	58	53	-	5	-
Very mixed	3 877	3 130	132	27	588	529	12	20	28
No other residential buildings	807	548	36	3	220	213	-	4	3
Not reported	2 992	2 234	92	3	662	620	-	12	30
Mobile Homes in Group									
Mobile homes	7 969	1 869	-	1	6 099	2 364	3 735	-	-
1 to 6	5 149	935	-	1	4 213	1 601	2 612	-	-
7 to 20	477	100	-	-	377	131	247	-	-
21 or more	2 328	834	-	-	1 494	633	661	-	-
Not reported	15	-	-	-	15	-	15	-	-
Other Buildings Vandalized or With Interior Exposed									
None	23 171	17 508	782	103	4 781	4 614	16	87	63
1 building	426	374	18	1	33	29	-	-	4
More than 1 building	812	719	33	5	54	39	-	2	14
No buildings within 300 feet	394	221	23	1	149	146	-	3	-
Not reported	3 353	2 478	118	4	755	713	-	12	30
Bars on Windows of Buildings									
With other buildings within 300 feet	24 409	18 599	833	109	4 888	4 682	16	89	81
No bars on windows	20 473	15 119	722	78	4 553	4 411	14	70	59
1 building with bars	670	570	23	7	70	60	2	8	-
2 or more buildings with bars	3 095	2 782	61	23	210	178	-	10	23
Not reported	171	128	7	1	35	34	-	2	-
Condition of Streets									
No repairs needed	18 876	13 890	628	78	4 279	4 142	12	66	59
Minor repairs needed	5 448	4 555	234	29	630	585	4	23	17
Major repairs needed	522	445	14	2	61	55	-	1	5
No streets within 300 feet	349	211	6	1	131	130	-	1	-
Not reported	2 962	2 195	92	3	671	628	-	14	30

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
Trash, Litter, or Junk on Streets or any Properties										
None	18 112	13 018	604	79	4 411	4 294	16	61	39	
Minor accumulation	6 472	5 569	248	26	629	589	-	25	14	
Major accumulation	636	528	27	3	78	46	-	4	26	
Not reported	2 936	2 182	95	5	655	611	-	14	30	

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	104 556	80 155	984	326	23 092	18 703	3 895	332	162
Monthly Housing Costs¹									
Less than \$100	2 322	1 671	14	3	634	318	304	11	1
\$100 to \$199	11 688	9 620	43	20	2 004	1 108	833	53	9
\$200 to \$249	8 351	5 295	79	9	967	604	326	16	22
\$250 to \$299	6 068	5 069	64	15	940	624	271	41	4
\$300 to \$349	5 979	4 972	69	21	916	582	307	27	1
\$350 to \$399	5 753	4 698	82	21	972	675	284	6	7
\$400 to \$449	5 712	4 572	84	18	1 067	832	195	30	—
\$450 to \$499	5 363	4 280	54	13	1 017	886	115	13	2
\$500 to \$599	9 082	7 108	122	26	1 828	1 683	116	21	8
\$600 to \$699	7 170	5 493	62	29	1 585	1 487	50	13	36
\$700 to \$799	5 408	4 085	51	20	1 241	1 209	24	5	2
\$800 to \$899	7 033	5 117	66	27	1 823	1 788	35	2	—
\$1,000 to \$1,249	4 463	2 901	36	21	1 504	1 477	19	5	4
\$1,250 to \$1,499	2 459	1 594	26	13	825	819	6	—	—
\$1,500 or more	4 030	2 462	12	19	1 537	1 521	15	—	—
No cash rent	2 348	1 840	60	7	440	284	128	32	17
Mortgage payment not reported	5 159	3 812	37	19	1 291	1 202	71	18	—
Median (excludes no cash rent)	455	434	465	568	550	633	248	302	531
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	474	445	639	692	617	784	218	294	—
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	220	192	258	388	362	502	100	176	—
OWNER HOUSING UNITS									
Total	62 770	48 258	221	198	14 092	11 682	2 304	119	7
Average Monthly Cost Paid for Real Estate Taxes									
Less than \$25	12 771	8 617	9	18	4 127	2 302	1 795	28	3
\$25 to \$49	11 070	9 036	26	31	1 977	1 627	293	56	—
\$50 to \$74	9 087	7 485	22	27	1 553	1 449	94	11	—
\$75 to \$99	6 591	5 231	41	28	1 291	1 256	34	—	1
\$100 to \$149	9 723	7 650	39	27	2 007	1 942	50	12	4
\$150 to \$199	5 375	4 241	28	17	1 090	1 066	24	—	—
\$200 or more	8 152	5 999	57	50	2 047	2 021	16	10	—
Median	71	72	117	95	65	84	25	39	—
Annual Taxes Paid Per \$1,000 Value									
Less than \$5	10 889	8 244	28	20	2 588	1 915	635	46	1
\$5 to \$9	17 452	13 305	33	50	4 064	3 649	396	17	1
\$10 to \$14	14 032	10 656	34	38	3 304	2 938	336	25	5
\$15 to \$19	7 618	6 067	43	27	1 481	1 274	185	23	—
\$20 to \$24	4 970	3 962	15	29	964	837	121	6	1
\$25 or more	7 808	6 024	68	34	1 682	1 049	631	2	—
Median	11	11	17	14	11	10	12	9	—
Condominium and Cooperative Fee									
Fee paid by owners	2 573	1 591	2	9	972	965	—	7	—
Less than \$25 per month	29	19	—	—	10	10	—	—	—
\$25 to \$49	80	55	1	—	24	24	—	—	—
\$50 to \$74	218	83	—	—	135	135	—	—	—
\$75 to \$99	372	179	1	—	192	192	—	—	—
\$100 to \$149	738	406	1	—	331	331	—	—	—
\$150 to \$199	388	274	—	1	113	113	—	—	—
\$200 or more per month	610	499	—	6	106	103	—	3	—
Not reported	138	75	—	2	61	57	—	4	—
Median	135	153	—	—	114	114	—	—	—
Other Housing Costs Per Month									
Homeowner association fee paid	2 200	1 308	2	3	887	884	—	3	—
Median	130	143	—	—	114	114	—	—	—
Mobile home park fee paid	239	98	—	—	141	81	79	—	—
Median	45	43	—	—	46	89	35	—	—
Land rent fee paid	144	94	2	—	49	27	19	3	—
Median	55	23	—	—	—	—	—	—	—
Value²									
Less than \$10,000	2 755	1 124	2	1	1 628	435	1 191	—	2
\$10,000 to \$19,999	2 946	1 578	7	5	1 355	856	493	6	—
\$20,000 to \$29,999	3 112	2 302	11	5	794	514	258	21	1
\$30,000 to \$39,999	3 798	3 235	19	16	527	400	119	8	—
\$40,000 to \$49,999	4 753	4 254	29	15	455	398	48	9	—
\$50,000 to \$59,999	4 657	4 079	7	15	556	497	47	12	—
\$60,000 to \$69,999	5 196	4 470	14	19	693	640	53	—	—
\$70,000 to \$79,999	4 591	3 844	14	21	712	685	27	—	1
\$80,000 to \$89,999	7 709	6 111	22	20	1 557	1 509	22	25	1
\$100,000 to \$119,999	4 537	3 454	14	8	1 081	1 036	17	8	—
\$120,000 to \$149,999	5 037	3 613	16	17	1 391	1 372	9	7	3
\$150,000 to \$199,999	5 809	4 418	22	20	1 349	1 337	8	4	—
\$200,000 to \$249,999	2 944	2 201	15	14	714	713	8	1	—
\$250,000 to \$299,999	1 699	1 285	13	8	414	414	—	—	—
\$300,000 or more	3 213	2 300	15	14	884	855	12	17	—
Time shared units	61	34	—	—	27	25	2	—	—
Median	79 064	78 017	85 800	62 008	64 161	98 612	10000	82 380	—

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
OWNER HOUSING UNITS—Con.									
Other Activities on Property²									
Commercial establishment.....	915	708	4	4	198	140	52	7	-
Medical or dental office.....	181	155	-	1	25	25	-	-	-
Neither.....	61 748	47 452	217	193	13 684	11 512	2 252	112	7

¹Rent asked for vacant units.

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

³Figures may not add to total because more than one category may apply to a unit.

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	32 467	27 356	409	168	4 533	4 180	202	72	79
Occupancy Status									
Vacant and URE	3 428	2 796	75	18	538	429	37	17	55
Occupied	29 039	24 560	334	150	3 995	3 751	165	55	24
Tenure									
Owner occupied	14 480	12 515	70	95	1 799	1 692	103	4	1
Percent of all occupied	49.9	51.0	21.1	63.5	45.0	45.1	62.1	7.9	2.5
Renter occupied	14 560	12 045	264	55	2 196	2 059	63	51	23
Units in Structure									
1, detached	14 577	13 017	-	90	1 470	1 443	7	16	3
1, attached	2 619	2 137	-	15	466	456	2	4	5
2 to 4	5 479	4 708	319	38	415	387	13	14	-
5 to 9	2 554	1 951	81	9	512	502	-	10	-
10 to 19	2 077	1 483	4	3	588	585	-	3	36
20 to 49	2 044	1 619	5	7	414	366	2	9	34
50 or more	2 665	2 260	-	8	397	348	-	15	-
Mobile home or trailer	453	181	-	-	272	93	179	-	-
Cooperatives and Condominiums									
Cooperatives	506	483	-	4	18	14	5	-	-
Condominiums	1 407	932	3	5	467	460	-	7	-
Year Structure Built¹									
1990 to 1994	429	-	-	-	429	429	-	-	-
1985 to 1989	1 865	-	-	-	1 865	1 865	-	-	-
1980 to 1984	1 999	112	-	-	1 887	1 887	-	-	-
1975 to 1979	2 522	2 433	7	4	77	-	63	9	5
1970 to 1974	2 982	2 896	18	1	69	-	85	3	1
1960 to 1969	4 798	4 690	18	15	75	-	46	7	22
1950 to 1959	4 651	4 538	39	27	48	-	21	8	19
1940 to 1949	3 473	3 365	65	17	27	-	4	8	7
1930 to 1939	3 289	2 931	246	95	17	-	2	8	8
1920 to 1929	2 764	2 743	3	1	17	-	2	9	3
1919 or earlier	3 695	3 648	16	8	24	-	2	19	3
Median	1958	1952	1938	1938	1985	1985	1972	1939	1954
Suitability for Year-Round Use²									
Built and heated for year-round use	32 437	27 329	409	168	4 531	4 180	200	72	79
Not suitable	18	15	-	-	2	-	2	-	-
Not reported	12	12	-	-	-	-	-	-	-
Time Sharing									
URE owner, sold, not yet occupied, and vacant for sale units	455	358	9	6	82	69	9	4	-
Ownership time-shared	3	3	-	-	-	-	-	-	-
Not time-shared	452	355	9	6	82	69	9	4	-
Not reported	-	-	-	-	-	-	-	-	-
Duration of Vacancy									
Vacant units	2 994	2 507	71	14	401	345	37	13	7
Less than 1 month vacant	695	553	16	-	128	117	7	3	-
1 month up to 2 months	225	182	6	1	36	36	-	-	-
2 months up to 6 months	683	577	18	3	85	72	6	1	7
6 months up to 1 year	328	289	11	1	27	18	7	3	-
1 year up to 2 years	251	224	3	3	22	9	8	5	-
2 years or more	446	410	12	5	20	12	6	2	-
Never occupied	59	7	-	-	51	51	-	-	-
Don't know	306	265	6	1	34	30	4	-	-
Last Used as a Permanent Residence									
Vacant seasonal and URE units	550	375	4	4	167	100	14	4	48
Less than 1 month since occupied as permanent home	14	9	-	-	5	5	-	-	-
1 month up to 2 months	10	5	1	-	4	-	-	4	-
2 months up to 6 months	55	38	2	-	15	15	-	-	-
6 months up to 1 year	28	26	-	-	2	2	-	-	-
1 year up to 2 years	23	14	-	-	9	9	-	-	-
2 years or more	83	72	1	3	17	7	-	-	10
Never occupied as permanent home	123	66	-	-	57	40	14	-	3
Don't know	175	119	-	1	54	22	-	-	32
Not reported	29	26	-	-	3	-	-	-	3
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	32 467	27 356	409	168	4 533	4 180	202	72	79
In central cities	32 467	27 356	409	168	4 533	4 180	202	72	79
Suburbs .....	...	...	...	...	...	...	...	...	...
Outside metropolitan statistical areas .....	...	...	...	...	...	...	...	...	...
Regions									
Northeast	6 932	6 384	181	58	309	279	6	18	7
Midwest	7 251	6 448	76	52	677	620	33	9	15
South	10 638	8 501	83	36	2 018	1 866	84	28	40
West	7 647	6 025	70	22	1 529	1 414	80	17	17

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Urbanized Areas									
Inside urbanized areas	31 901	28 997	401	168	4 334	3 984	200	72	79
In central cities of (P)MSA's	31 901	28 997	401	168	4 334	3 984	200	72	79
Urban fringe .....	...	...	...	...	...	...	...	...	...
Outside urbanized areas	566	359	8	-	199	197	2	-	-
Other urban	457	335	8	-	114	114	-	-	-
Rural	109	24	-	-	85	83	2	-	-
Place Size³									
Less than 2,500 persons	2	2	-	-	-	-	-	-	-
2,500 to 9,999 persons	-	-	-	-	-	-	-	-	-
10,000 to 19,999 persons	174	117	10	-	47	47	-	-	-
20,000 to 49,999 persons	3 154	2 543	54	10	548	509	26	9	4
50,000 to 99,999 persons	4 655	3 884	36	15	720	666	45	7	2
100,000 to 249,999 persons	8 925	5 588	82	24	1 231	1 155	59	3	15
250,000 to 499,999 persons	5 523	4 657	60	30	776	717	33	15	10
500,000 to 999,999 persons	4 914	4 069	74	31	739	668	20	7	27
1,000,000 persons or more	7 120	6 487	92	59	473	401	20	31	21

¹For mobile home, oldest category is 1939 or earlier.

²If occupied year-round, assumed to be suitable for year-round use.

³Figures will not add to total, because all units are not in Places.

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	32 467	27 356	409	168	4 533	4 180	202	72	79
Stories in Structure									
1	1 141	900	54	3	183	183	-	-	-
2	4 833	3 571	116	10	1 136	1 094	13	7	20
3	3 738	3 010	148	24	557	537	-	14	5
4 to 6	3 006	2 690	91	15	210	192	-	5	13
7 or more	2 101	1 850	-	11	240	181	2	24	32
Not reported	2	-	2	-	-	-	-	-	-
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	13 676	11 121	353	60	2 142	2 005	15	51	71
None (on same floor)	4 259	3 400	161	22	676	652	6	11	7
1 (up or down)	3 605	2 854	118	18	616	569	7	16	24
2 or more (up or down)	4 568	3 859	64	19	626	598	2	17	10
Not reported	1 244	1 008	10	2	224	186	-	8	30
Common Stairways									
Multiunits, 2 or more floors	13 676	11 121	353	60	2 142	2 005	15	51	71
No common stairways	2 273	1 749	168	12	343	330	-	11	3
With common stairways	10 212	8 405	172	45	1 590	1 504	15	33	38
No loose steps	9 448	7 757	164	42	1 486	1 419	15	32	20
Railings not loose	8 581	7 011	151	39	1 380	1 317	15	29	20
Railings loose	296	242	7	1	46	45	-	1	-
No railings	438	393	5	1	39	37	-	2	-
Status of railings not reported	133	111	1	-	21	21	-	-	-
Loose steps	709	603	8	3	95	75	-	1	18
Railings not loose	491	402	2	1	85	67	-	-	18
Railings loose	169	158	4	2	6	5	-	1	-
No railings	42	38	-	-	3	3	-	-	-
Status of railings not reported	7	5	2	-	-	-	-	-	-
Status of steps not reported	55	45	-	-	10	10	-	-	-
Status of stairways not reported	1 191	967	12	3	208	171	-	8	30
Light Fixtures in Public Halls									
2 or more units in structure	14 816	12 021	407	83	2 325	2 188	15	51	71
No public halls	4 466	3 419	228	17	802	791	-	11	-
No light fixtures in public halls	46	34	2	-	10	10	-	-	-
All in working order	6 137	5 175	103	32	828	788	2	22	36
Some in working order	572	488	34	3	47	27	13	1	5
None in working order	38	36	-	2	-	-	-	-	-
Unable to determine if working	2 097	1 702	13	6	376	366	-	10	-
Not reported	1 480	1 167	27	3	263	225	-	8	30
Elevator on Floor									
Multiunits, 2 or more floors	13 676	11 121	353	60	2 142	2 005	15	51	71
With 1 or more elevators working	2 665	2 268	1	11	386	361	2	18	6
With elevator, none in working condition	121	112	1	-	9	9	-	-	-
No elevator	9 704	7 786	338	48	1 532	1 458	13	26	35
Units 3 or more floors from main entrance	755	655	19	3	77	78	-	1	-
Not reported	1 185	956	12	2	215	177	-	8	30
Foundation									
1 unit bldg. excl. mobile homes	17 195	15 154	-	105	1 936	1 899	8	20	8
With basement under all of building	5 909	5 530	-	65	314	309	3	-	2
With basement under part of building	1 429	1 289	-	14	126	124	-	2	-
With crawl space	4 202	3 879	-	13	310	305	-	-	5
On concrete slab	5 338	4 174	-	10	1 152	1 133	2	18	-
Other	316	280	-	2	34	28	4	1	1
Not reported	2	2	-	-	-	-	-	-	-
External Building Conditions¹									
Sagging roof	71	66	4	1	-	-	-	-	-
Missing roofing material	91	80	9	-	2	2	-	-	-
Hole in roof	22	22	-	-	-	-	-	-	-
Could not see roof	1 877	1 657	60	14	146	138	-	8	-
Missing bricks, siding, other outside wall material	293	262	13	3	14	14	-	-	-
Sloping outside walls	45	44	-	1	-	-	-	-	-
Boarded up windows	292	275	8	2	7	5	-	2	-
Broken windows	306	291	11	2	2	2	-	-	-
Bars on windows	489	471	10	3	5	3	-	3	-
Foundation crumbling or has open crack or hole	251	230	11	2	8	8	-	-	-
Could not see foundation	700	643	24	4	28	27	-	1	-
None of the above	10 464	8 346	283	44	1 791	1 718	15	34	24
Could not observe or not reported	1 737	1 339	38	4	356	302	-	8	47
Site Placement									
Mobile homes	453	181	-	-	272	93	179	-	-
First site	249	118	-	-	131	65	66	-	-
Moved from another site	84	31	-	-	53	17	37	-	-
Don't know	100	28	-	-	72	12	61	-	-
Not reported	20	5	-	-	15	15	-	-	-

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total -----	32 467	27 356	409	168	4 533	4 180	202	72	79
Rooms									
1 room -----	505	389	51	1	64	33	-	11	20
2 rooms -----	752	643	40	1	68	48	7	3	10
3 rooms -----	4 765	3 944	104	13	704	620	33	30	22
4 rooms -----	7 084	5 672	96	20	1 296	1 175	87	22	12
5 rooms -----	7 165	6 128	60	24	953	879	59	6	9
6 rooms -----	5 933	5 278	28	31	596	581	11	-	3
7 rooms -----	3 254	2 834	12	24	384	378	6	-	-
8 rooms -----	1 702	1 435	14	23	230	230	-	-	-
9 rooms -----	795	610	5	15	166	164	-	-	2
10 rooms or more -----	512	423	-	16	72	72	-	-	-
Median -----	4.9	5.0	3.6	6.3	4.6	4.7	4.2	3.2	2.9
Bedrooms									
None -----	996	814	60	2	120	89	-	11	40
1 -----	6 679	5 499	164	21	984	904	43	32	15
2 -----	11 036	9 245	108	35	1 648	1 502	113	24	8
3 -----	10 337	8 956	60	60	1 262	1 205	43	4	9
4 or more -----	3 419	2 841	18	51	509	500	3	-	6
Median -----	2.3	2.3	1.4	2.9	2.2	2.2	2.0	1.3	1.5
Complete Bathrooms									
None -----	288	208	47	1	33	4	-	8	20
1 -----	19 179	17 064	310	58	1 748	1 506	138	60	45
1 and one-half -----	4 456	3 982	24	15	434	400	27	2	6
2 or more -----	8 544	6 102	28	95	2 318	2 270	38	2	8
Square Footage of Unit									
Single detached and mobile homes -----	15 029	13 198	-	90	1 741	1 537	185	16	3
Less than 500 -----	219	161	-	2	55	4	41	8	1
500 to 749 -----	540	497	-	5	38	13	24	-	-
750 to 999 -----	1 320	1 179	-	2	139	84	54	1	-
1,000 to 1,499 -----	3 735	3 404	-	8	322	298	24	-	-
1,500 to 1,999 -----	3 320	2 896	-	9	415	409	6	-	-
2,000 to 2,499 -----	2 177	1 903	-	11	263	260	3	-	-
2,500 to 2,999 -----	1 036	895	-	3	139	139	-	-	-
3,000 to 3,999 -----	913	777	-	5	131	131	-	-	-
4,000 or more -----	554	473	-	9	73	73	-	-	-
Not reported (includes don't know) -----	1 216	1 013	-	36	167	126	32	7	2
Median -----	1 865	1 647	-	1 993	1 781	1 674	801	-	-
Lot Size									
Less than one-eighth acre -----	2 655	2 363	-	30	261	206	53	2	1
One-eighth up to one-quarter acre -----	4 098	3 635	-	17	447	426	17	4	-
One-quarter up to one-half acre -----	2 045	1 733	-	5	307	298	9	-	-
One-half up to one acre -----	918	749	-	5	184	156	8	-	-
1 to 4 acres -----	533	468	-	1	63	55	8	-	-
5 to 9 acres -----	20	12	-	-	8	8	-	-	-
10 acres or more -----	49	39	-	-	10	7	3	-	-
Don't know -----	6 571	5 758	-	48	767	677	73	9	8
Not reported -----	393	272	-	-	120	120	-	-	-
Median -----	.20	.20	-	.13	.23	.23	.13	-	-

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total -----	32 467	27 356	409	168	4 533	4 180	202	72	79
Equipment¹									
Lacking complete kitchen facilities -----	1 345	1 159	54	7	125	84	9	11	20
With complete kitchen (sink, refrigerator and burners) -----	31 122	26 197	355	162	4 408	4 096	193	60	59
Kitchen Sink -----	32 168	27 128	377	168	4 495	4 170	198	68	59
Refrigerator -----	31 448	26 483	372	163	4 447	4 108	196	66	77
Less than 5 years old -----	10 787	8 427	130	60	2 170	2 084	44	17	26
Age not reported -----	1 111	855	31	1	223	188	11	12	13
Burners and oven -----	31 597	26 576	363	163	4 495	4 170	198	64	62
Less than 5 years old -----	8 068	5 893	116	50	2 009	1 848	41	13	7
Age not reported -----	1 154	893	21	-	240	209	11	8	13
Burners only -----	44	38	2	-	4	-	-	4	-
Less than 5 years old -----	11	7	-	-	4	-	-	4	-
Age not reported -----	7	7	-	-	-	-	-	-	-
Oven only -----	40	39	1	-	-	-	-	-	-
Less than 5 years old -----	20	18	1	-	-	-	-	-	-
Age not reported -----	7	7	-	-	-	-	-	-	-
Neither burners nor oven -----	786	703	43	6	35	10	4	4	17
Dishwasher -----	13 812	10 039	82	60	3 631	3 572	48	8	2
Less than 5 years old -----	4 828	3 025	38	31	1 733	1 722	11	1	-
Age not reported -----	628	412	7	3	207	196	7	4	-
Washing machine -----	18 983	15 870	108	120	2 885	2 774	97	11	2
Less than 5 years old -----	8 854	5 454	41	43	1 316	1 294	17	5	-
Age not reported -----	323	232	-	1	90	84	4	2	-
Clothes dryer -----	16 432	13 415	91	98	2 828	2 714	99	13	2
Less than 5 years old -----	5 492	4 139	25	37	1 292	1 258	27	5	2
Age not reported -----	278	186	4	-	86	78	5	4	-
Disposal in kitchen sink -----	13 704	10 029	47	38	3 690	3 490	46	13	40
Less than 5 years old -----	5 186	3 252	28	22	1 865	1 818	19	7	23
Age not reported -----	988	728	5	2	234	212	1	6	15
Air conditioning:									
Central -----	12 519	9 078	41	33	3 389	3 275	68	9	16
1 room unit -----	8 060	5 594	74	28	366	276	42	28	21
2 room units -----	2 430	2 291	23	22	94	68	15	4	7
3 room units or more -----	928	886	5	17	21	13	8	-	-
Main Heating Equipment									
Warm-air furnace -----	16 253	13 398	178	57	2 621	2 443	131	20	27
Steam or hot water system -----	6 828	6 482	135	73	258	189	15	22	30
Electric heat pump -----	2 092	1 240	5	5	842	828	8	-	8
Built-in electric units -----	2 173	1 822	18	2	531	511	11	8	-
Floor, wall, or other built-in hot air units without ducts -----	1 941	1 794	19	9	120	98	10	13	-
Room heaters with flue -----	847	812	9	5	21	7	12	2	-
Room heaters without flue -----	718	694	9	4	10	6	4	-	-
Portable electric heaters -----	274	240	14	6	14	8	4	2	-
Stoves -----	218	209	7	2	-	-	-	-	-
Fireplaces with inserts -----	74	52	2	-	19	19	-	-	-
Fireplaces without inserts -----	119	94	-	-	24	24	-	-	-
Other -----	292	255	8	4	25	25	-	-	-
None -----	541	481	8	3	50	23	9	3	14
Other Heating Equipment									
With other heating equipment ¹ -----	6 882	5 548	79	35	1 219	1 190	25	5	-
Warm-air furnace -----	170	138	-	1	32	27	4	2	-
Steam or hot water system -----	32	28	-	1	3	3	-	-	-
Electric heat pump -----	76	60	-	-	15	15	-	-	-
Built-in electric units -----	518	451	11	2	52	52	-	-	-
Floor, wall, or other built-in hot-air units without ducts -----	125	123	1	1	-	-	-	-	-
Room heaters with flue -----	215	209	2	1	2	2	-	-	-
Room heaters without flue -----	396	380	1	4	30	30	-	-	-
Portable electric heaters -----	1 863	1 698	38	9	118	104	12	3	-
Stoves -----	407	337	9	2	57	54	3	-	-
Fireplaces with inserts -----	781	556	7	6	192	192	-	-	-
Fireplaces with no inserts -----	2 887	2 053	18	12	785	778	6	-	-
Other -----	203	170	-	-	33	33	-	-	-
Plumbing²									
With all plumbing facilities -----	31 658	26 692	352	168	4 449	4 128	196	65	62
Lacking some plumbing facilities ¹ -----	141	96	23	1	21	-	-	4	17
No hot piped water -----	12	-	-	-	-	-	-	-	-
No bathtub nor shower -----	133	89	23	1	21	-	-	4	17
No flush toilet -----	105	65	22	1	17	-	-	-	-
No plumbing facilities for exclusive use -----	688	568	34	2	63	54	7	3	-
Source of Water									
Public system or private company -----	31 936	26 932	409	185	4 429	4 086	192	72	79
Well serving 1 to 5 units -----	198	148	-	2	47	39	8	-	-
Drilled -----	175	132	-	1	42	33	8	-	-
Dug -----	9	7	-	-	1	-	-	-	-
Not reported -----	12	7	-	1	4	4	-	-	-
Other -----	335	277	-	1	57	55	1	-	-

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New con- struction	Other sources		
							House or mobile home moved in	From nonresi- dential use	Other
Means of Sewage Disposal									
Public sewer	31 855	26 883	401	166	4 405	4 072	185	69	79
Septic tank, cesspool, chemical toilet	598	464	7	3	125	108	17	-	-
Other	14	10	2	-	3	-	-	3	-

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

²Data not up to publication standards; see "Qualifications of the Data" section in the Introduction.

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	House or mobile home moved in	Other sources		
							New construction	From nonresidential use	Other
Total	32 467	27 356	409	168	4 533	4 180	202	72	79
Main House Heating Fuel									
Housing units with heating fuel	31 928	26 875	402	166	4 483	4 157	194	68	65
Electricity	7 812	5 198	61	19	2 535	2 462	47	13	13
Piped gas	19 178	17 100	260	121	1 697	1 498	110	51	38
Bottled gas	185	137	-	-	48	27	20	-	1
Fuel oil	3 982	3 762	69	21	128	98	13	5	13
Kerosene or other liquid fuel	122	108	2	-	12	8	4	-	-
Coal or coke	23	23	-	-	-	-	-	-	-
Wood	413	361	9	2	41	41	-	-	-
Solar energy	8	-	-	-	8	8	-	-	-
Other	203	187	-	3	14	14	-	-	-
Other House Heating Fuels									
With other heating fuels ¹	3 663	3 006	28	19	611	568	17	3	23
Electricity	1 311	1 211	20	9	71	64	4	3	-
Piped gas	285	225	2	3	54	41	-	-	13
Bottled gas	20	18	-	-	4	-	4	-	-
Fuel oil	104	90	2	-	12	2	-	-	10
Kerosene or other liquid fuel	267	246	1	-	20	20	-	-	-
Coal or coke	13	12	1	-	-	-	-	-	-
Wood	1 678	1 232	3	5	437	427	10	-	-
Solar energy	39	28	-	-	11	11	-	-	-
Other	59	48	1	2	8	8	-	-	-
Not reported	190	163	2	-	25	25	-	-	-
Cooking Fuel									
With cooking fuel	31 871	26 643	366	163	4 499	4 170	198	68	62
Electricity	15 387	11 776	127	52	3 432	3 318	71	30	12
Gas	16 234	14 826	240	111	1 058	849	121	37	50
Kerosene or other liquid fuel	16	10	-	-	7	-	7	-	-
Coal or coke	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-
Other	33	31	-	-	2	2	-	-	-
Water Heating Fuel									
With hot piped water	32 388	27 301	387	168	4 531	4 180	202	69	79
Electricity	8 638	6 181	56	19	2 381	2 278	77	17	9
Gas	20 764	18 324	276	133	2 030	1 808	119	50	53
Fuel oil	2 647	2 520	49	13	65	46	-	2	17
Kerosene or other liquid fuel	22	16	-	-	7	-	7	-	-
Coal or coke	9	9	-	-	-	-	-	-	-
Wood	3	2	-	-	-	-	-	-	-
Solar energy	93	60	5	-	29	29	-	-	-
Other	212	188	1	3	20	20	-	-	-
Central Air Conditioning Fuel									
With central air conditioning	12 519	9 076	41	33	3 369	3 275	68	9	16
Electricity	11 591	8 278	41	31	3 241	3 150	65	9	16
Gas	856	727	-	1	128	125	3	-	-
Other	72	71	-	1	-	-	-	-	-
Clothes Dryer Fuel									
With clothes dryer	16 432	13 415	91	98	2 828	2 714	99	13	2
Electricity	11 692	9 137	56	53	2 447	2 351	64	12	2
Gas	4 719	4 258	35	46	381	363	15	1	2
Other	20	20	-	-	-	-	-	-	-

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	32 467	27 356	409	168	4 533	4 180	202	72	79
Selected Amenities¹									
Porch, deck, balcony, or patio	21 803	17 953	181	116	3 552	3 395	124	30	3
Not reported	95	82	-	-	13	5	-	-	8
Usable fireplace	7 742	5 721	52	31	1 938	1 919	9	4	6
Separate dining room	13 859	11 896	85	113	1 765	1 728	28	5	6
With 2 or more living rooms or recreation rooms, etc.	7 492	6 407	43	64	878	945	21	-	12
Garage or carport included with home	15 137	12 631	80	61	2 364	2 298	61	3	2
Not included	16 548	14 045	310	103	2 090	1 813	138	63	77
Offstreet parking included	9 922	7 935	159	50	1 777	1 596	126	37	18
Offstreet parking not reported	181	155	2	-	24	24	-	-	-
Garage or carport not reported	111	92	7	1	11	11	-	-	-
Owner or Manager on Property									
Rental, multiunit ²	14 819	12 021	409	63	2 325	2 188	15	51	71
Owner or manager lives on property	4 624	3 540	56	7	1 022	967	-	8	47
Neither owner nor manager lives on property	7 910	6 572	244	25	1 068	995	15	34	24
Not reported	2 284	1 909	109	31	235	226	-	9	-
Selected Deficiencies¹									
Holes in floors	512	474	10	3	25	15	6	4	-
Open cracks or holes (interior)	2 249	2 092	34	21	103	95	2	6	-
Broken plaster or peeling paint (interior)	1 896	1 901	11	14	70	65	-	5	-
No electrical wiring	16	16	-	-	-	-	-	-	-
Exposed wiring	635	534	21	10	69	60	9	-	-
Rooms without electric outlets	589	548	13	3	24	23	-	2	-
Description of Area Within 300 Feet¹									
Single-family detached houses	4 899	4 101	259	24	514	497	6	5	5
Only single-family detached	-	-	-	-	-	-	-	-	-
Single-family attached or 1 to 3 story multiunit	9 867	7 879	240	41	1 707	1 638	13	24	32
4 to 6 story multiunit	3 379	3 033	81	20	245	211	9	13	11
7 stories or more multiunit	2 023	1 851	25	9	139	116	2	18	2
Mobile homes	71	51	2	-	18	18	-	-	-
Commercial, institutional, or industrial	4 944	4 204	157	23	580	502	-	23	35
Residential parking lots	3 395	2 571	32	11	781	746	10	7	18
Body of water	487	340	8	1	117	114	-	1	2
Open space, park, farm, or ranch	2 290	1 738	36	8	508	481	2	25	-
4+ lane highway, railroad, or airport	1 806	1 433	35	9	330	280	12	11	27
Other	708	586	27	4	91	84	3	3	-
Not observed or not reported	1 358	1 064	32	2	260	223	-	8	30
Age of Other Residential Buildings Within 300 Feet									
Older	899	564	10	3	322	318	3	1	-
About the same	9 638	7 991	303	39	1 305	1 251	24	24	29
Newer	249	209	13	2	24	20	-	4	-
Very mixed	2 326	1 948	47	13	317	282	12	14	8
No other residential buildings	310	218	5	3	85	81	-	1	3
Not reported	1 395	1 091	29	2	273	235	-	8	30
Mobile Homes In Group									
Mobile homes	453	181	-	-	272	93	179	-	-
1 to 6	113	46	-	-	66	17	50	-	-
7 to 20	27	13	-	-	14	-	14	-	-
21 or more	313	121	-	-	192	77	115	-	-
Not reported	-	-	-	-	-	-	-	-	-
Other Buildings Vandalized or With Interior Exposed									
None	12 045	9 760	320	53	1 912	1 828	15	42	27
1 building	346	309	16	1	20	20	-	-	-
More than 1 building	701	631	29	5	36	20	-	1	14
No buildings within 300 feet	141	85	3	1	52	52	-	-	-
Not reported	1 583	1 237	39	3	304	267	-	8	30
Bars on Windows of Buildings									
With other buildings within 300 feet	13 092	10 699	365	59	1 969	1 869	15	44	41
No bars on windows	9 750	7 710	276	31	1 734	1 677	13	26	18
1 building with bars	490	431	12	6	41	31	2	8	-
2 or more buildings with bars	2 742	2 468	72	22	180	147	-	10	23
Not reported	110	90	5	1	14	14	-	-	-
Condition of Streets									
No repairs needed	9 453	7 511	254	40	1 647	1 577	12	33	25
Minor repairs needed	3 438	2 984	121	17	316	286	3	11	16
Major repairs needed	370	330	2	2	35	35	-	-	-
No streets within 300 feet	161	113	-	-	48	48	-	-	-
Not reported	1 394	1 083	29	3	279	241	-	8	30

**SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980
AND SAME UNITS**
Table 1B-6. Housing and Neighborhood Quality—All Housing Units—In Central Cities—Con.

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
Trash, Litter, or Junk on Streets or any Properties										
None	8 482	6 554	213	37	1 678	1 631	15	27	5	
Minor accumulation	4 470	3 972	145	21	332	306	-	17	8	
Major accumulation	513	436	20	3	54	27	-	-	27	
Not reported	1 351	1 059	29	2	261	223	-	8	30	

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

²Two or more units of any tenure in the structure.

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	32 467	27 356	409	168	4 533	4 180	202	72	79
Monthly Housing Costs¹									
Less than \$100	621	562	9	1	49	40	4	4	1
\$100 to \$199	3 214	2 953	19	16	228	181	36	4	5
\$200 to \$249	1 884	1 691	33	7	153	111	21	7	14
\$250 to \$299	1 936	1 768	29	4	135	111	11	10	4
\$300 to \$349	2 140	1 956	19	10	155	121	24	11	-
\$350 to \$399	2 155	1 949	19	7	181	175	3	2	-
\$400 to \$449	2 144	1 816	28	10	290	280	27	3	-
\$450 to \$499	2 045	1 712	26	9	298	284	11	2	-
\$500 to \$599	3 395	2 838	62	12	484	472	10	2	-
\$600 to \$699	2 460	2 002	13	11	434	416	12	4	2
\$700 to \$799	1 817	1 465	30	9	313	309	-	4	-
\$800 to \$999	2 059	1 603	26	11	418	409	8	1	-
\$1,000 to \$1,249	1 240	844	11	12	374	369	3	2	-
\$1,250 to \$1,499	614	436	5	9	166	163	3	-	-
\$1,500 or more	966	653	5	12	296	296	-	-	-
No cash rent	681	568	28	4	81	50	-	6	5
Mortgage payment not reported	1 333	1 129	17	12	175	173	3	-	-
Median (excludes no cash rent)	456	434	470	550	603	625	331	312	-
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	499	454	-	676	898	941	324	-	-
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	223	189	-	365	587	620	100	-	-
OWNER HOUSING UNITS									
Total	14 935	12 872	79	101	1 881	1 760	112	8	1
Average Monthly Cost Paid for Real Estate Taxes									
Less than \$25	2 452	2 142	2	10	298	214	80	3	1
\$25 to \$49	2 931	2 642	7	13	269	253	11	5	-
\$50 to \$74	2 642	2 345	9	22	287	254	12	-	-
\$75 to \$99	1 847	1 571	16	18	244	242	2	-	-
\$100 to \$149	2 485	2 087	18	8	371	366	5	-	-
\$150 to \$199	1 094	822	12	7	154	153	-	-	-
\$200 or more	1 484	1 185	16	25	278	278	-	-	-
Median	70	68	117	83	86	91	25	-	-
Annual Taxes Paid Per \$1,000 Value									
Less than \$5	2 604	2 291	9	14	289	262	24	3	1
\$5 to \$9	4 390	3 685	14	25	665	636	29	1	-
\$10 to \$14	3 324	2 781	18	23	502	476	21	5	-
\$15 to \$19	1 747	1 580	20	13	154	145	9	-	-
\$20 to \$24	1 117	962	4	12	139	134	5	-	-
\$25 or more	1 753	1 594	13	14	132	108	24	-	-
Median	11	11	14	13	10	10	11	-	-
Condominium and Cooperative Fee									
Fee paid by owners	858	611	2	6	238	231	-	7	-
Less than \$25 per month	7	7	-	-	-	-	-	-	-
\$25 to \$49	19	14	1	-	4	4	-	-	-
\$50 to \$74	79	32	-	-	46	46	-	-	-
\$75 to \$99	78	42	1	-	35	35	-	-	-
\$100 to \$149	202	125	1	-	76	76	-	-	-
\$150 to \$199	126	92	-	1	33	33	-	-	-
\$200 or more per month	303	267	-	6	30	27	-	3	-
Not reported	45	31	-	-	13	9	-	4	-
Median	159	188	-	-	118	117	-	-	-
Other Housing Costs Per Month									
Homeowner association fee paid	675	447	2	3	223	219	-	3	-
Median	142	158	-	-	117	116	-	-	-
Mobile home park fee paid	32	26	-	-	6	-	6	-	-
Median	-	-	-	-	-	-	-	-	-
Land rent fee paid	33	31	-	-	2	2	-	-	-
Median	-	-	-	-	-	-	-	-	-
Value²									
Less than \$10,000	271	211	2	-	58	16	42	-	-
\$10,000 to \$19,999	447	358	2	4	83	45	38	-	-
\$20,000 to \$29,999	722	664	2	4	52	38	10	4	1
\$30,000 to \$39,999	1 030	975	11	6	39	36	3	-	-
\$40,000 to \$49,999	1 283	1 208	7	6	62	59	3	-	-
\$50,000 to \$59,999	1 344	1 245	-	7	91	91	-	1	-
\$60,000 to \$69,999	1 470	1 331	-	11	128	123	5	-	-
\$70,000 to \$79,999	1 157	1 019	7	13	118	118	-	-	-
\$80,000 to \$99,999	1 937	1 630	5	12	292	287	4	-	-
\$100,000 to \$119,999	1 008	841	2	2	162	162	-	-	-
\$120,000 to \$149,999	1 063	819	9	8	226	223	-	3	-
\$150,000 to \$199,999	1 274	1 021	5	7	242	239	-	3	-
\$200,000 to \$249,999	718	582	7	6	124	124	-	-	-
\$250,000 to \$299,999	424	339	7	5	73	73	-	-	-
\$300,000 or more	783	627	13	10	133	129	4	-	-
Time shared units	11	7	-	-	4	4	-	-	-
Median	77 762	74 338	125 065	79 578	102 319	108 476	13 673	-	-

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
OWNER HOUSING UNITS—Con.									
Other Activities on Property³									
Commercial establishment.....	165	141	-	2	22	19	-	3	-
Medical or dental office.....	112	102	-	1	9	9	-	-	-
Neither.....	14 707	12 670	79	98	1 660	1 742	112	5	1

¹Rent asked for vacant units.

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

³Figures may not add to total because more than one category may apply to a unit.

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	47 636	34 758	412	99	12 368	10 614	1 627	87	39
Occupancy Status									
Vacant and URE	4 128	2 700	49	9	1 370	1 041	314	14	1
Occupied	43 508	32 059	363	89	10 998	9 574	1 313	73	38
Tenure									
Owner occupied	31 052	22 978	116	58	7 900	6 889	979	27	5
Percent of all occupied	71.4	71.7	32.1	65.1	71.8	72.0	74.6	36.9	13.7
Renter occupied	12 456	9 081	246	31	3 098	2 685	334	46	33
Units In Structure									
1, detached	30 673	24 774	-	63	5 836	5 679	66	58	32
1, attached	2 939	1 786	-	1	1 152	1 143	8	3	-
2 to 4	3 559	2 593	400	17	548	531	-	14	3
5 to 9	2 069	1 425	10	6	628	623	-	5	-
10 to 19	2 159	1 328	-	6	824	820	-	1	4
20 to 49	1 374	937	2	-	435	434	-	2	-
50 or more	1 266	918	-	4	344	340	-	4	-
Mobile home or trailer	3 597	996	-	1	2 600	1 044	1 558	-	-
Cooperatives and Condominiums									
Cooperatives	220	172	1	-	47	31	16	-	-
Condominiums	2 687	1 523	2	4	1 158	1 158	2	-	-
Year Structure Built¹									
1990 to 1994	1 460	-	-	-	1 460	1 460	-	-	-
1985 to 1989	5 280	-	-	-	5 280	5 280	-	-	-
1980 to 1984	4 136	227	-	-	3 909	3 875	31	-	4
1975 to 1979	5 982	5 340	17	7	618	-	579	29	10
1970 to 1974	5 827	5 238	20	7	562	-	537	5	20
1965 to 1969	8 481	8 030	42	12	398	-	383	9	5
1960 to 1964	6 833	6 630	118	11	73	-	62	12	-
1955 to 1959	3 300	3 208	49	17	26	-	20	6	-
1950 to 1954	2 143	1 945	142	40	17	-	7	10	-
1945 to 1949	1 552	1 532	12	-	7	-	2	5	-
1940 to 1944	2 842	2 609	11	4	18	-	6	12	-
1935 or earlier	1 988	1 982	1948	1943	1985	1988	1973	1959	...
Suitability for Year-Round Use²									
Built and heated for year-round use	47 489	34 639	412	99	12 339	10 600	1 613	87	39
Not suitable	130	106	-	-	24	10	14	-	-
Not reported	18	14	-	-	5	5	-	-	-
Time Sharing									
URE owner, sold, not yet occupied, and vacant for sale units	967	605	-	-	361	299	62	-	-
Ownership time-shared	5	3	-	-	2	2	-	-	-
Not time-shared	962	603	-	-	359	297	62	-	-
Not reported	-	-	-	-	-	-	-	-	-
Duration of Vacancy									
Vacant units	3 702	2 437	43	9	1 213	914	283	14	1
Less than 1 month vacant	872	622	12	6	231	189	39	1	1
1 month up to 2 months	228	172	2	-	52	40	12	-	-
2 months up to 6 months	866	560	3	-	303	204	94	5	-
6 months up to 1 year	490	343	4	-	143	118	25	-	-
1 year up to 2 years	243	168	4	2	68	46	22	1	-
2 years or more	436	330	11	1	95	49	41	5	-
Never occupied	185	32	-	-	153	146	7	-	-
Don't know	385	211	6	-	168	121	44	2	-
Last Used as a Permanent Residence									
Vacant seasonal and URE units	1 014	621	6	1	366	272	114	-	-
Less than 1 month since occupied as permanent home	24	18	-	-	7	7	-	-	-
1 month up to 2 months	12	4	-	-	8	4	8	-	-
2 months up to 6 months	30	21	-	-	9	7	2	-	-
6 months up to 1 year	49	21	1	-	26	23	3	-	-
1 year up to 2 years	29	12	-	-	17	9	8	-	-
2 years or more	159	116	-	1	42	20	22	-	-
Never occupied as permanent home	503	319	-	-	184	137	47	-	-
Don't know	175	82	4	-	88	67	21	-	-
Not reported	32	27	-	-	4	3	2	-	-
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	47 636	34 758	412	99	12 368	10 614	1 627	87	39
In central cities .....	...	...	...	...	...	...	...	...	...
Suburbs	47 636	34 758	412	99	12 368	10 614	1 627	87	39
Outside metropolitan statistical areas .....	...	...	...	...	...	...	...	...	...
Regions									
Northeast	11 241	9 389	175	48	1 629	1 541	75	10	2
Midwest	10 054	8 054	92	19	1 888	1 680	209	18	3
South	18 091	10 004	70	12	6 005	4 937	1 020	44	4
West	10 251	7 312	75	19	2 845	2 476	322	16	30

**SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980
AND SAME UNITS**
Table 1C-1. Introductory Characteristics—All Housing Units—Suburbs—Con.

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Urbanized Areas									
Inside urbanized areas	31 432	24 830	255	67	6 281	5 770	458	21	32
In central cities of (P)MSA's .....	...	...	...	...	...	...	...	...	...
Urban fringe	31 432	24 830	255	67	6 281	5 770	458	21	32
Outside urbanized areas	16 204	9 929	157	32	6 087	4 844	1 169	66	7
Other urban	3 913	2 785	57	17	1 054	950	95	9	-
Rural	12 291	7 144	100	14	5 033	3 894	1 074	57	7
Place Size²									
Less than 2,500 persons	1 896	1 578	29	4	285	187	93	5	-
2,500 to 9,999 persons	6 614	5 475	94	19	1 027	864	158	4	-
10,000 to 19,999 persons	6 333	5 321	63	24	925	807	107	7	4
20,000 to 49,999 persons	8 567	7 140	95	21	1 310	1 249	51	10	-
50,000 to 99,999 persons	4 377	3 727	18	7	625	548	51	3	25
100,000 to 249,999 persons	1 263	1 038	7	4	214	204	10	1	-
250,000 to 499,999 persons	7	2	-	-	5	5	-	-	-
500,000 to 999,999 persons	8	7	-	-	2	2	-	-	-
1,000,000 persons or more	-	-	-	-	-	-	-	-	-

¹For mobile home, oldest category is 1939 or earlier.

²If occupied year-round, assumed to be suitable for year-round use.

³Figures will not add to total, because all units are not in Places.

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	47 636	34 758	412	99	12 368	10 614	1 627	67	39
Stories in Structure									
1	1 098	732	67	8	292	282	--	6	3
2	4 227	2 668	168	9	1 382	1 375	--	3	4
3	3 273	2 362	150	8	753	742	--	11	--
4 to 6	1 314	1 032	22	7	253	248	--	4	--
7 or more	504	401	--	2	100	100	--	--	--
Not reported	11	8	5	--	--	--	--	--	--
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	9 317	6 464	340	25	2 488	2 466	--	19	4
None (on same floor)	3 430	2 276	185	13	956	952	--	4	--
1 (up or down)	2 721	1 953	103	7	658	649	--	6	4
2 or more (up or down)	2 098	1 487	10	5	595	588	--	7	--
Not reported	1 067	747	41	--	279	277	--	2	--
Common Stairways									
Multiunits, 2 or more floors	9 317	6 464	340	25	2 488	2 466	--	19	4
No common stairways	1 932	1 255	181	9	487	482	--	4	--
With common stairways	6 375	4 504	117	17	1 737	1 721	--	13	4
No loose steps	6 010	4 243	97	18	1 654	1 637	--	13	4
Railings not loose	5 539	3 904	78	16	1 541	1 525	--	13	4
Railings loose	173	120	--	--	52	52	--	--	--
No railings	231	174	18	--	40	40	--	--	--
Status of railings not reported	67	44	2	--	20	20	--	--	--
Loose steps	351	250	20	1	82	81	--	--	--
Railings not loose	261	174	9	--	78	78	--	--	--
Railings loose	54	44	8	1	2	2	--	--	--
No railings	23	22	1	--	--	--	--	--	--
Status of railings not reported	13	10	1	--	2	2	--	--	--
Status of steps not reported	14	12	--	--	2	2	--	--	--
Status of stairways not reported	1 010	704	42	--	284	263	--	2	--
Light Fixtures in Public Halls									
2 or more units in structure	10 416	7 196	407	33	2 780	2 748	--	25	7
No public halls	3 987	2 529	305	15	1 139	1 119	--	13	7
No light fixtures in public halls	26	23	--	--	3	2	--	1	--
All in working order	3 618	2 622	33	11	952	946	--	6	--
Some in working order	134	119	4	1	9	9	--	--	--
None in working order	11	9	2	--	--	--	--	--	--
Unable to determine if working	1 450	1 056	17	6	370	366	--	4	--
Not reported	1 189	838	45	--	308	304	--	2	--
Elevator on Floor									
Multiunits, 2 or more floors	9 317	6 464	340	25	2 488	2 466	--	19	4
With 1 or more elevators working	1 215	868	--	4	343	343	--	--	--
With elevator, none in working condition	84	47	--	--	17	17	--	--	--
No elevator	7 006	4 821	299	22	1 865	1 844	--	17	4
Units 3 or more floors from main entrance	243	170	--	2	70	65	--	5	--
Not reported	1 032	728	41	--	283	281	--	2	--
Foundation									
1 unit bldg. excl. mobile homes	33 612	26 560	--	64	6 968	6 822	71	62	32
With basement under all of building	12 108	10 066	--	27	2 012	1 988	10	10	5
With basement under part of building	3 980	3 411	--	18	531	528	1	--	2
With crawl space	7 199	6 045	--	9	1 145	1 088	40	18	--
On concrete slab	9 650	6 492	--	8	3 150	3 101	20	29	--
Other	665	546	--	2	117	113	--	4	--
Not reported	33	--	--	--	33	7	--	1	25
External Building Conditions¹									
Sagging roof	14	14	--	--	--	--	--	--	--
Missing roofing material	28	21	3	--	2	2	--	--	--
Hole in roof	5	5	--	--	--	--	--	--	--
Could not see roof	775	645	17	--	113	112	--	1	--
Missing bricks, siding, other outside wall material	79	67	8	--	4	4	--	--	--
Sloping outside walls	5	4	--	--	--	--	--	--	--
Boarded up windows	22	22	--	--	--	--	--	--	--
Broken windows	55	50	2	3	--	--	--	--	--
Bars on windows	49	39	4	--	5	5	--	--	--
Foundation crumbling or has open crack or hole	60	52	3	1	4	4	--	--	--
Could not see foundation	281	233	7	--	40	40	--	--	--
None of the above	7 987	5 369	320	30	2 268	2 238	--	23	7
Could not observe or not reported	1 460	1 021	53	--	385	383	--	2	--
Site Placement									
Mobile homes	3 597	896	--	1	2 600	1 044	1 556	--	--
First site	1 957	628	--	--	1 331	734	597	--	--
Moved from another site	884	166	--	--	718	220	498	--	--
Don't know	658	180	--	1	477	65	412	--	--
Not reported	99	25	--	--	74	25	49	--	--

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	47 638	34 758	412	99	12 368	10 614	1 627	87	39
Rooms									
1 room	205	140	17	-	48	9	10	3	25
2 rooms	3 313	2 227	27	4	55	37	8	10	-
3 rooms	3 435	2 457	101	6	871	699	144	20	9
4 rooms	8 697	5 647	101	16	2 933	2 160	752	20	-
5 rooms	10 488	7 589	78	5	2 816	2 324	484	13	3
6 rooms	9 782	7 515	48	21	2 207	2 033	159	15	2
7 rooms	6 749	5 331	23	12	1 383	1 347	36	9	-
8 rooms	4 531	3 364	9	18	1 140	1 111	20	9	-
9 rooms	2 001	1 470	4	4	523	509	14	1	-
10 rooms or more	1 427	1 018	4	12	392	384	2	6	-
Median	5.6	5.7	4.1	6.4	5.5	5.5	4.4	4.0	...
Bedrooms									
None	373	281	24	-	69	20	14	10	25
1	4 980	3 562	155	15	1 248	1 015	193	32	9
2	14 574	10 056	146	17	4 355	3 408	931	17	-
3	19 509	14 800	74	33	4 802	4 321	483	13	5
4 or more	8 200	6 260	14	34	1 893	1 851	27	15	-
Median	2.7	2.7	1.7	3.0	2.6	2.7	2.2	1.8	...
Complete Bathrooms									
None	236	183	5	1	47	18	19	10	-
1	19 012	15 351	339	32	3 289	2 238	966	52	34
1 and one-half	7 929	6 555	28	10	1 338	1 085	252	-	-
2 or more	20 460	12 669	41	56	7 693	7 273	390	25	5
Square Footage of Unit									
Single detached and mobile homes	34 270	25 770	-	64	8 436	6 724	1 621	58	32
Less than 500	482	274	-	-	208	42	160	4	2
500 to 749	1 457	932	-	-	525	69	453	3	-
750 to 999	2 872	1 840	-	3	1 029	522	485	12	-
1,000 to 1,499	7 461	5 750	-	8	1 703	1 420	266	14	3
1,500 to 1,999	7 088	5 611	-	10	1 466	1 420	46	-	-
2,000 to 2,499	5 201	4 118	-	3	1 079	1 052	26	-	2
2,500 to 2,999	2 896	2 253	-	4	839	826	5	8	-
3,000 to 3,999	2 756	2 096	-	5	655	647	5	-	-
4,000 or more	1 500	1 120	-	2	378	366	7	5	-
Not reported (includes don't know)	2 559	1 776	-	29	753	560	157	11	25
Median	1 753	1 785	...	1 827	1 628	1 862	811	...	...
Lot Size									
Less than one-eighth acre	3 229	2 348	-	11	869	612	257	-	-
One-eighth up to one-quarter acre	6 726	5 423	-	12	1 292	1 190	101	1	-
One-quarter up to one-half acre	5 791	4 448	-	9	1 333	1 250	83	-	-
One-half up to one acre	4 150	3 147	-	6	997	859	129	9	-
1 to 4 acres	5 109	3 565	-	11	1 532	1 231	231	17	3
5 to 9 acres	810	496	-	1	313	229	82	6	2
10 acres or more	1 167	842	-	1	324	257	59	-	2
Don't know	7 993	5 986	-	12	1 995	1 530	448	16	2
Not reported	854	491	-	-	483	395	40	3	25
Median .....	.40	.38	...	.33	.47	.48	.62	...	...

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—			Units added through—			
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	47 636	34 758	412	99	12 368	10 614	1 627	87	39
Equipment¹									
Lacking complete kitchen facilities	1 145	773	27	-	345	254	56	9	27
With complete kitchen (sink, refrigerator and burners)	46 491	33 985	385	99	12 022	10 361	1 572	78	12
Kitchen Sink	47 399	34 623	399	99	12 278	10 563	1 619	83	14
Refrigerator	46 757	34 162	396	99	12 101	10 427	1 580	80	14
Less than 5 years old	17 228	11 161	142	40	5 882	5 380	465	33	3
Age not reported	1 062	686	8	1	354	297	52	4	-
Burners and oven	47 050	34 328	395	99	12 228	10 543	1 593	80	12
Less than 5 years old	14 060	8 117	109	32	5 802	5 440	323	36	3
Age not reported	1 239	784	9	1	435	365	66	2	1
Burners only	49	35	-	-	14	7	7	-	-
Less than 5 years old	16	10	-	-	6	5	2	-	-
Age not reported	11	11	-	-	-	-	-	-	-
Oven only	40	22	5	-	13	8	2	1	2
Less than 5 years old	13	7	2	-	3	2	-	1	-
Age not reported	3	3	-	-	-	-	-	-	-
Neither burners nor oven	497	373	13	-	112	56	25	6	25
Dishwasher	28 300	18 952	107	42	9 200	8 831	328	33	8
Less than 5 years old	11 083	6 047	29	17	4 990	4 867	91	29	3
Age not reported	740	412	4	-	323	316	7	-	-
Washing machine	36 822	26 733	213	78	9 899	8 832	1 019	43	5
Less than 5 years old	14 005	9 032	99	28	4 846	4 431	385	27	3
Age not reported	514	326	2	-	186	171	16	-	-
Clothes dryer	34 737	24 917	192	66	9 562	8 642	871	43	5
Less than 5 years old	11 927	7 287	60	19	4 560	4 242	293	22	3
Age not reported	464	296	2	-	167	143	24	-	-
Disposal in kitchen sink	22 620	14 989	56	29	7 546	7 338	186	15	7
Less than 5 years old	9 374	4 963	18	17	4 376	4 296	66	14	-
Age not reported	977	657	2	-	317	305	12	-	-
Air conditioning:									
Central	23 453	14 560	55	17	8 821	8 165	600	27	28
1 room unit	7 378	6 124	105	21	1 128	643	458	25	1
2 room units	3 245	2 809	26	14	397	222	170	1	4
3 room units or more	1 277	1 204	16	7	50	32	16	2	-
Main Heating Equipment									
Warm-air furnace	26 762	19 209	188	37	7 328	6 262	1 021	20	25
Steam or hot water system	6 314	5 681	112	39	481	470	3	6	2
Electric heat pump	4 803	2 312	14	3	2 474	2 357	110	7	-
Built-in electric units	3 321	2 367	32	2	920	837	73	6	4
Floor, wall, or other built-in hot air units without ducts	1 947	1 772	22	2	151	93	51	3	3
Room heaters with flue	949	831	6	5	108	42	56	5	5
Room heaters without flue	616	513	2	2	98	23	68	6	-
Portable electric heaters	438	296	6	-	136	31	99	6	-
Stoves	956	675	11	2	269	186	66	17	-
Fireplaces with inserts	268	192	2	-	74	74	-	-	-
Fireplaces without inserts	267	193	-	3	71	63	7	-	-
Other	430	301	4	1	124	89	34	2	-
None	565	418	12	2	132	85	39	8	-
Other Heating Equipment									
With other heating equipment ¹	13 860	10 072	78	26	3 684	3 321	349	12	2
Warm-air furnace	658	402	4	3	249	173	67	8	-
Steam or hot water system	58	52	-	-	6	6	-	-	-
Electric heat pump	177	116	1	1	58	52	6	-	-
Built-in electric units	1 023	843	11	6	162	153	9	-	-
Floor, wall, or other built-in hot-air units without ducts	198	172	2	1	23	21	2	-	-
Room heaters with flue	381	290	9	-	81	59	23	-	-
Room heaters without flue	812	651	3	2	156	101	53	2	-
Portable electric heaters	2 620	2 183	19	5	412	306	105	2	-
Stoves	1 545	1 222	10	3	309	250	59	-	-
Fireplaces with inserts	2 110	1 456	4	5	644	626	17	-	2
Fireplaces with no inserts	5 606	3 792	23	6	1 785	1 762	23	-	-
Other	373	279	1	1	92	81	11	-	-
Plumbing²									
With all plumbing facilities	46 508	33 963	396	95	12 054	10 370	1 568	79	37
Lacking some plumbing facilities ²	86	73	2	-	12	6	4	2	-
No hot piped water	23	19	-	-	4	2	-	2	-
No bathtub nor shower	70	62	2	-	6	4	-	2	-
No flush toilet	26	21	-	-	6	2	4	-	-
No plumbing facilities for exclusive use	1 042	723	14	3	302	239	55	6	2
Source of Water									
Public system or private company	40 828	30 030	347	88	10 363	9 148	1 120	58	36
Well serving 1 to 5 units	6 062	4 179	49	8	1 826	1 341	458	25	2
Drilled	5 301	3 611	43	6	1 641	1 226	390	25	-
Dug	490	372	5	1	113	77	34	-	2
Not reported	271	196	1	2	71	38	34	-	-
Other	746	549	16	2	179	125	49	4	1

**SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980
AND SAME UNITS**
Table 1C-4. Selected Equipment and Plumbing—All Housing Units—Suburbs—Con.

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New con- struction	Other sources		
							House or mobile home moved in	From nonresi- dential use	Other
Means of Sewage Disposal									
Public sewer	35 845	28 648	276	84	8 837	8 070	697	39	32
Septic tank, cesspool, chemical toilet	11 719	8 050	136	14	3 518	2 542	925	44	7
Other	72	60	-	-	12	3	5	4	-

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

²Data not up to publication standards; see "Qualifications of the Data" section in the Introduction.

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	47 636	34 758	412	99	12 368	10 614	1 627	67	39
Main House Heating Fuel									
Housing units with heating fuel	47 072	34 340	400	97	12 235	10 529	1 588	79	39
Electricity	13 479	7 656	75	8	5 739	5 141	569	25	4
Piped gas	23 873	18 964	198	48	4 664	4 156	453	30	25
Bottled gas	1 540	863	5	2	670	381	277	1	11
Fuel oil	5 832	5 213	107	30	482	393	86	3	-
Kerosene or other liquid fuel	425	267	-	4	155	59	96	-	-
Coal or coke	143	115	-	4	28	20	7	2	-
Wood	1 622	1 168	15	4	435	344	76	15	-
Solar energy	12	7	-	-	5	5	-	-	-
Other	145	87	1	-	58	31	24	2	-
Other House Heating Fuels									
With other heating fuels ¹	8 322	6 230	48	22	2 022	1 735	275	10	2
Electricity	2 465	1 971	17	13	464	339	116	8	-
Piped gas	367	259	2	1	105	83	22	-	-
Bottled gas	177	116	2	-	60	40	20	-	-
Fuel oil	246	216	2	1	28	23	3	2	-
Kerosene or other liquid fuel	662	517	8	1	136	96	40	-	-
Coal or coke	120	97	2	-	22	19	2	-	-
Wood	4 450	3 208	15	8	1 220	1 144	74	-	2
Solar energy	102	82	2	-	18	14	4	-	-
Other	145	107	-	-	38	33	5	-	-
Not reported	370	227	2	-	142	110	31	-	-
Cooking Fuel									
With cooking fuel	47 132	34 383	400	99	12 251	10 558	1 598	81	14
Electricity	29 132	20 265	227	48	8 592	7 807	729	48	9
Gas	17 793	13 984	173	51	3 584	2 724	823	33	5
Kerosene or other liquid fuel	114	75	-	-	39	8	32	-	-
Coal or coke	2	2	-	-	-	-	-	-	-
Wood	20	18	-	-	1	1	-	-	-
Other	71	38	-	-	33	18	15	-	-
Water Heating Fuel									
With hot piped water	47 523	34 669	409	99	12 347	10 608	1 620	79	39
Electricity	18 107	11 333	132	16	6 825	5 569	1 009	43	4
Gas	26 029	20 400	212	61	5 355	4 709	575	35	35
Fuel oil	2 924	2 600	64	19	240	224	15	1	-
Kerosene or other liquid fuel	83	48	-	-	35	20	15	-	-
Coal or coke	16	10	-	-	6	6	-	-	-
Wood	21	18	-	1	4	4	-	-	-
Solar energy	173	147	-	1	26	26	-	-	-
Other	170	115	-	-	55	49	7	-	-
Central Air Conditioning Fuel									
With central air conditioning	23 453	14 560	55	17	8 821	8 165	600	27	28
Electricity	21 874	13 416	55	14	8 389	7 761	573	27	28
Gas	1 483	1 069	-	3	411	390	22	-	-
Other	96	75	-	-	21	15	6	-	-
Clothes Dryer Fuel									
With clothes dryer	34 737	24 917	192	66	9 582	8 642	871	43	5
Electricity	25 471	17 469	136	46	7 820	6 990	797	33	-
Gas	9 231	7 421	56	21	1 734	1 644	75	9	5
Other	35	27	-	-	8	8	-	-	-

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	47 636	34 758	412	99	12 368	10 614	1 627	87	39
Selected Amenities¹									
Porch, deck, balcony, or patio	38 129	27 368	266	69	10 428	9 265	1 091	50	21
Not reported	98	71	1	—	26	19	7	—	—
Usable fireplace	17 294	12 051	63	27	5 153	5 048	86	17	2
Separate dining room	22 798	16 999	115	49	5 636	5 324	280	29	2
With 2 or more living rooms or recreation rooms, etc.	17 080	12 840	70	44	4 026	3 620	186	19	—
Garage or carport included with home	29 435	22 055	140	55	7 186	6 775	369	34	8
Not included	16 931	11 880	258	42	4 752	3 535	1 143	42	31
Offstreet parking included	14 617	10 018	198	32	4 369	3 277	1 024	37	31
Offstreet parking not reported	135	106	2	—	26	13	13	1	—
Garage or carport not reported	139	73	—	—	66	65	2	—	—
Owner or Manager on Property									
Rental, multiunit ²	10 427	7 202	412	33	2 780	2 748	—	25	7
Owner or manager lives on property	3 543	2 385	111	9	1 039	1 018	—	14	7
Neither owner nor manager lives on property	4 782	3 465	147	14	1 156	1 147	—	9	—
Not reported	2 102	1 352	154	11	585	583	—	2	—
Selected Deficiencies¹									
Holes in floors	431	324	9	2	96	37	57	2	—
Open cracks or holes (interior)	1 868	1 523	29	3	312	197	107	9	—
Broken plaster or peeling paint (interior)	1 406	1 222	23	5	157	108	46	2	—
No electrical wiring	24	17	—	—	7	—	—	—	—
Exposed wiring	576	470	13	1	92	57	26	5	4
Rooms without electric outlets	652	530	8	1	115	69	40	6	—
Description of Area Within 300 Feet¹									
Single-family detached houses	3 321	2 460	303	23	534	521	—	13	—
Only single-family detached	—	—	—	—	—	—	—	—	—
Single-family attached or 1 to 3 story multiunit	7 060	4 910	123	16	2 011	1 994	—	10	7
4 to 6 story multiunit	1 028	803	—	5	220	220	—	—	—
7 stories or more multiunit	401	345	—	2	54	53	—	1	—
Mobile homes	114	73	17	—	24	23	—	—	—
Commercial, institutional, or industrial	2 462	1 900	117	19	428	419	—	6	—
Residential parking lots	3 187	2 131	18	9	1 029	1 021	—	4	3
Body of water	623	399	16	1	206	204	—	3	—
Open space, park, farm, or ranch	2 021	1 228	91	13	689	683	—	6	—
4+ lane highway, railroad, or airport	1 190	851	48	6	284	282	—	2	—
Other	427	296	34	2	85	85	—	—	—
Not observed or not reported	1 172	816	48	—	308	308	—	2	—
Age of Other Residential Buildings Within 300 Feet									
Older	517	289	2	2	223	220	—	—	3
About the same	6 959	4 743	260	22	1 634	1 615	—	16	4
Newer	253	208	16	1	27	26	—	1	—
Very mixed	1 173	929	57	7	179	175	—	4	—
No other residential buildings	333	198	23	—	112	109	—	3	—
Not reported	1 182	829	48	—	304	303	—	2	—
Mobile Homes in Group									
Mobile homes	3 597	996	—	1	2 600	1 044	1 556	—	—
1 to 6	1 918	402	—	1	1 516	575	941	—	—
7 to 20	246	53	—	—	193	81	112	—	—
21 or more	1 428	541	—	—	887	389	498	—	—
Not reported	5	—	—	—	5	—	5	—	—
Other Buildings Vandalized or With Interior Exposed									
None	8 757	6 073	325	33	2 326	2 299	—	20	7
1 building	49	40	—	—	9	9	—	—	—
More than 1 building	97	79	2	—	15	15	—	—	—
No buildings within 300 feet	199	98	16	—	85	83	—	3	—
Not reported	1 313	905	64	—	344	343	—	2	—
Bars on Windows of Buildings									
With other buildings within 300 feet	8 903	6 193	327	33	2 350	2 322	—	21	7
No bars on windows	8 348	5 729	308	31	2 279	2 251	—	21	7
1 building with bars	175	133	11	1	29	29	—	—	—
2 or more buildings with bars	338	304	6	1	28	28	—	—	—
Not reported	42	28	2	—	14	14	—	—	—
Condition of Streets									
No repairs needed	7 511	5 034	272	28	2 177	2 153	—	16	7
Minor repairs needed	1 467	1 185	72	6	205	199	—	6	—
Major repairs needed	99	68	11	—	19	19	—	1	—
No streets within 300 feet	166	90	3	—	73	72	—	1	—
Not reported	1 173	818	48	—	307	305	—	2	—

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Trash, Litter, or Junk on Streets or any Properties									
None	7 589	5 042	285	29	2 234	2 209	-	18	7
Minor accumulation	1 551	1 261	66	2	220	218	-	2	-
Major accumulation	90	68	4	-	18	14	-	4	-
Not reported	1 186	825	50	2	308	307	-	2	-

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

²Two or more units of any tenure in the structure.

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	47 636	34 758	412	99	12 368	10 614	1 627	87	39
Monthly Housing Costs¹									
Less than \$100	610	406	4	2	198	101	95	2	-
\$100 to \$199	3 716	2 990	13	1	712	383	319	9	1
\$200 to \$249	2 261	1 820	27	-	413	282	123	6	2
\$250 to \$299	2 391	1 932	28	5	426	281	138	7	-
\$300 to \$349	2 399	1 914	31	6	448	279	165	4	-
\$350 to \$399	2 272	1 794	20	8	449	288	158	1	4
\$400 to \$449	2 362	1 860	26	4	472	389	79	3	-
\$450 to \$499	2 361	1 820	17	4	520	451	66	4	-
\$500 to \$599	4 227	3 173	39	10	1 005	911	74	14	6
\$600 to \$699	3 756	2 771	43	13	929	885	23	-	21
\$700 to \$799	2 906	2 125	14	10	757	748	7	1	-
\$800 to \$999	4 216	2 992	37	8	1 180	1 161	18	1	-
\$1,000 to \$1,249	2 908	1 850	21	7	1 030	1 010	13	4	4
\$1,250 to \$1,499	1 709	1 079	20	3	607	604	3	-	-
\$1,500 or more	2 877	1 700	7	7	1 163	1 153	9	-	-
No cash rent	838	652	26	1	159	101	45	10	2
Mortgage payment not reported	2 860	2 007	17	6	829	797	24	8	-
Median (excludes no cash rent)	550	518	519	628	655	729	289	406	...
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	595	547	690	...	782	892	245	...	...
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	304	256	328	...	505	601	100-	...	...
OWNER HOUSING UNITS									
Total	32 019	23 583	116	58	8 261	7 187	1 042	27	5
Average Monthly Cost Paid for Real Estate Taxes									
Less than \$25	4 659	2 818	7	5	1 830	1 039	789	-	2
\$25 to \$49	4 351	3 351	13	9	978	839	128	11	-
\$50 to \$74	4 188	3 279	10	1	898	847	51	-	-
\$75 to \$99	3 434	2 603	19	7	805	783	22	-	-
\$100 to \$149	5 877	4 315	16	8	1 339	1 299	30	6	3
\$150 to \$199	3 655	2 848	15	7	784	768	16	-	-
\$200 or more	6 055	4 370	37	21	1 828	1 612	7	9	-
Median	95	98	129	...	88	103	25-	...	...
Annual Taxes Paid Per \$1,000 Value									
Less than \$5	4 884	3 499	16	5	1 364	974	375	15	-
\$5 to \$9	8 548	6 168	15	15	2 353	2 189	162	2	-
\$10 to \$14	7 888	5 779	14	10	2 084	1 965	105	9	5
\$15 to \$19	4 172	3 174	20	9	970	908	62	-	-
\$20 to \$24	2 718	2 074	8	8	629	570	59	-	-
\$25 or more	3 809	2 892	44	11	861	582	279	-	-
Median	12	12	16	...	11	11	10	...	...
Condominium and Cooperative Fee									
Fee paid by owners	1 632	948	-	2	682	682	-	-	-
Less than \$25 per month	22	12	-	-	10	10	-	-	-
\$25 to \$49	56	39	-	-	17	17	-	-	-
\$50 to \$74	112	42	-	-	70	70	-	-	-
\$75 to \$99	271	132	-	-	139	139	-	-	-
\$100 to \$149	514	272	-	-	243	243	-	-	-
\$150 to \$199	282	182	-	-	80	80	-	-	-
\$200 or more per month	305	230	-	-	76	76	-	-	-
Not reported	88	40	-	2	48	48	-	-	-
Median	130	142	...	...	117	117	...	...	...
Other Housing Costs Per Month									
Homeowner association fee paid	1 449	833	-	-	618	618	-	-	-
Median	128	139	-	-	117	117	-	-	-
Mobile home park fee paid	144	59	-	-	85	36	48	-	-
Median	42	45	-	-	42	...	...	...	...
Land rent fee paid	75	45	2	-	29	13	18	-	-
Median	77	...	...	...	...	...	...	...	...
Value²									
Less than \$10,000	1 063	413	-	-	650	181	487	-	2
\$10,000 to \$19,999	1 131	474	3	-	654	401	253	-	-
\$20,000 to \$29,999	957	571	6	2	377	243	134	-	-
\$30,000 to \$39,999	1 149	929	6	3	210	159	51	-	-
\$40,000 to \$49,999	1 472	1 269	18	3	183	159	24	-	-
\$50,000 to \$59,999	1 782	1 471	7	4	299	266	31	3	-
\$60,000 to \$69,999	2 369	1 952	12	3	402	367	35	-	-
\$70,000 to \$79,999	2 246	1 821	2	3	420	402	18	-	-
\$80,000 to \$99,999	4 295	3 329	17	5	944	827	8	8	-
\$100,000 to \$119,999	2 701	2 004	10	2	685	681	5	-	-
\$120,000 to \$149,999	3 327	2 365	7	7	947	938	6	-	3
\$150,000 to \$199,999	4 054	3 068	16	11	960	957	2	1	-
\$200,000 to \$249,999	2 051	1 509	6	8	528	528	-	-	-
\$250,000 to \$299,999	1 184	852	5	2	305	305	-	-	-
\$300,000 or more	2 253	1 553	2	4	694	673	6	15	-
Time shared units	20	8	-	-	11	9	2	-	-
Median	97 872	97 359	84 493	...	99 790	114 352	12 121	...	...

**SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980
AND SAME UNITS**
Table 1C-7. Financial Characteristics—All Housing Units—Suburbs—Con.

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
OWNER HOUSING UNITS—Con.									
Other Activities on Property³									
Commercial establishment.....	365	281	-	1	83	64	19	-	-
Medical or dental office.....	55	43	-	-	13	13	-	-	-
Neither.....	31 619	23 273	118	57	8 172	7 117	1 023	27	5

¹Rent asked for vacant units.

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

³Figures may not add to total because more than one category may apply to a unit.

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	24 452	18 040	162	59	6 191	3 909	2 066	173	44
Occupancy Status									
Vacant and URE	3 852	2 605	23	9	1 216	639	547	23	6
Occupied	20 600	15 436	139	50	4 975	3 270	1 518	150	37
Tenure									
Owner occupied	15 210	11 392	25	36	3 757	2 587	1 087	83	1
Percent of all occupied	73.8	73.8	18.3	71.2	75.5	79.1	71.6	55.0	1.5
Renter occupied	5 390	4 043	114	14	1 219	683	431	68	37
Units in Structure									
1, detached	17 067	14 870	-	40	2 158	1 945	65	140	7
1, attached	540	399	-	2	139	132	-	5	3
2 to 4	1 555	1 123	152	13	267	242	-	12	12
5 to 9	553	372	10	1	170	168	-	2	2
10 to 19	332	253	-	2	77	71	-	4	2
20 to 49	275	179	-	-	96	72	-	5	20
50 or more	210	153	-	-	57	53	-	5	-
Mobile home or trailer	3 919	692	-	-	3 227	1 227	2 000	-	-
Cooperatives and Condominiums									
Cooperatives	40	10	-	-	29	15	9	-	5
Condominiums	419	240	-	-	179	174	3	-	2
Year Structure Built¹									
1990 to 1994	503	-	-	-	503	503	-	-	-
1985 to 1989	1 549	-	-	-	1 549	1 549	-	-	-
1980 to 1984	1 963	65	-	-	1 898	1 857	41	-	-
1975 to 1979	3 291	2 483	7	5	796	-	712	71	13
1970 to 1974	2 991	2 323	-	1	667	-	657	10	-
1960 to 1969	3 371	2 845	10	3	512	-	478	15	20
1950 to 1959	2 748	2 582	7	4	154	-	137	15	2
1940 to 1949	1 868	1 796	14	15	43	-	26	17	-
1930 to 1939	1 767	1 599	112	28	27	-	9	17	2
1920 to 1929	1 207	1 181	-	-	26	-	5	21	-
1919 or earlier	3 195	3 164	11	3	16	-	-	8	8
Median	1964	1955	1936	-	1982	1985	1973	1966	-
Suitability for Year-Round Use²									
Built and heated for year-round use	23 904	17 640	161	56	6 047	3 876	1 956	171	44
Not suitable	510	367	-	3	141	31	108	2	-
Not reported	38	33	1	-	3	1	1	-	-
Time Sharing									
URE owner, sold, not yet occupied, and vacant for sale units	606	411	-	3	193	128	64	-	1
Ownership time-shared	5	5	-	-	-	-	-	-	-
Not time-shared	601	405	-	3	193	128	64	-	1
Not reported	-	-	-	-	-	-	-	-	-
Duration of Vacancy									
Vacant units	3 525	2 401	21	6	1 096	561	506	22	6
Less than 1 month vacant	980	607	6	3	365	228	123	8	5
1 month up to 2 months	214	144	-	-	69	42	27	-	-
2 months up to 6 months	532	376	3	1	152	58	89	6	-
6 months up to 1 year	248	198	5	-	44	17	27	-	-
1 year up to 2 years	217	164	5	-	48	9	38	-	-
2 years or more	668	532	1	2	133	40	86	6	1
Never occupied	170	45	-	-	125	92	33	-	-
Don't know	497	334	1	1	161	76	83	2	-
Last Used as a Permanent Residence									
Vacant seasonal and URE units	1 468	893	6	5	564	279	280	4	-
Less than 1 month since occupied as permanent home	36	14	2	-	20	7	13	-	-
1 month up to 2 months	3	2	-	-	1	1	-	-	-
2 months up to 6 months	32	22	-	-	10	2	8	-	-
6 months up to 1 year	12	8	-	-	4	-	4	-	-
1 year up to 2 years	19	10	2	-	6	6	-	-	-
2 years or more	219	176	-	1	42	6	36	-	-
Never occupied as permanent home	928	496	-	3	429	246	179	2	-
Don't know	191	142	-	1	48	8	38	2	-
Not reported	29	24	1	-	4	1	2	-	-
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas .....	...	...	...	...	...	...	...	...	...
In central cities .....	...	...	...	...	...	...	...	...	...
Suburbs .....	...	...	...	...	...	...	...	...	...
Outside metropolitan statistical areas	24 452	18 040	162	59	6 191	3 909	2 066	173	44
Regions									
Northeast	2 882	2 277	56	11	538	433	95	8	2
Midwest	7 682	6 273	55	25	1 329	809	453	39	29
South	10 257	6 971	41	15	3 230	2 032	1 100	97	-
West	3 632	2 520	10	8	1 094	635	418	29	12

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New con- struction	Other sources		
							House or mobile home moved in	From nonresi- dential use	Other
Urbanized Areas									
Inside urbanized areas .....	...	...	...	...	...	...	...	...	...
In central cities of (P)MSA's .....	...	...	...	...	...	...	...	...	...
Urban fringe	698	550	6	9	134	95	30	8	44
Outside urbanized areas	23 754	17 491	157	50	6 057	3 813	2 036	165	29
Other urban	8 699	7 249	98	37	1 315	995	247	43	29
Rural	15 055	10 241	59	13	4 742	2 818	1 789	122	14
Place Size²									
Less than 2,500 persons	3 143	2 654	29	7	453	257	165	22	8
2,500 to 9,999 persons	3 890	3 182	60	19	619	417	173	28	2
10,000 to 19,999 persons	3 029	2 625	7	13	383	320	50	11	2
20,000 to 49,999 persons	2 292	1 902	37	13	341	253	54	8	25
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	-	-	-	-	-	-	-	-	-

¹For mobile home, oldest category is 1939 or earlier.

²If occupied year-round, assumed to be suitable for year-round use.

³Figures will not add to total, because all units are not in Places.

**SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980
AND SAME UNITS**
**Table 1D-2. Height and Condition of Building—All Housing Units—Outside Metropolitan
Statistical Areas**

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New con- struction	Other sources		
							House or mobile home moved in	From nonresi- dential use	Other
Total	24 452	18 040	162	59	6 191	3 909	2 066	173	44
Stories in Structure									
1	635	443	25	4	162	139	-	11	13
2	1 139	763	39	1	337	325	-	10	2
3	849	673	83	10	82	81	-	2	-
4 to 6	241	156	13	2	70	45	-	6	20
7 or more	60	44	-	-	16	16	-	-	-
Not reported	2	-	2	-	-	-	-	-	-
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	2 289	1 636	135	12	505	467	-	17	21
None (on same floor)	928	638	66	7	217	209	-	8	-
1 (up or down)	692	535	40	2	115	110	-	2	2
2 or more (up or down)	373	240	16	2	115	89	-	7	19
Not reported	296	224	12	1	59	59	-	-	-
Common Stairways									
Multiunits, 2 or more floors	2 289	1 636	135	12	505	467	-	17	21
No common stairways	674	450	84	7	132	132	-	-	-
With common stairways	1 326	967	38	6	314	276	-	17	21
No loose steps	1 241	901	35	6	300	265	-	17	17
Railings not loose	1 087	786	20	5	276	243	-	15	17
Railings loose	48	35	3	-	9	9	-	-	-
No railings	92	70	12	-	10	8	-	1	-
Status of railings not reported	14	9	-	-	5	5	-	-	-
Loose steps	79	62	3	-	15	10	-	-	4
Railings not loose	54	38	3	-	13	9	-	-	4
Railings loose	16	15	2	-	2	2	-	-	-
No railings	9	9	-	-	-	-	-	-	-
Status of railings not reported	-	-	-	-	-	-	-	-	-
Status of steps not reported	5	5	-	-	-	-	-	-	-
Status of stairways not reported	290	219	12	-	59	59	-	-	-
Light Fixtures in Public Halls									
2 or more units in structure	2 924	2 080	160	17	667	605	-	28	34
No public halls	1 441	979	119	11	332	306	-	15	11
No light fixtures in public halls	9	9	-	-	-	-	-	-	-
All in working order	791	576	10	3	203	170	-	10	23
Some in working order	33	30	4	-	-	-	-	-	-
None in working order	8	4	4	-	-	-	-	-	-
Unable to determine if working	249	186	7	3	53	53	-	-	-
Not reported	392	296	17	-	80	77	-	3	-
Elevator on Floor									
Multiunits, 2 or more floors	2 289	1 636	135	12	505	467	-	17	21
With 1 or more elevators working	197	120	-	-	77	53	-	5	20
With elevator, none in working condition	4	-	-	-	4	4	-	-	-
No elevator	1 801	1 301	123	12	365	350	-	12	2
Units 3 or more floors from main entrance	46	31	-	1	14	14	-	-	-
Not reported	287	214	12	1	60	60	-	-	-
Foundation									
1 unit bldg. excl. mobile homes	17 607	15 269	-	42	2 297	2 077	65	145	10
With basement under all of building	5 210	4 527	-	22	661	639	8	12	2
With basement under part of building	2 753	2 594	-	7	151	136	5	10	-
With crawl space	6 370	5 504	-	11	855	749	36	65	6
On concrete slab	2 594	2 044	-	2	549	498	9	41	2
Other	680	600	-	-	80	54	8	17	-
Not reported	-	-	-	-	-	-	-	-	-
External Building Conditions¹									
Sagging roof	32	26	1	3	2	1	-	1	-
Missing roofing material	21	14	4	-	3	3	-	-	-
Hole in roof	-	-	-	-	-	-	-	-	-
Could not see roof	151	112	10	-	29	19	-	9	-
Missing bricks, siding, other outside wall material	70	51	13	3	3	3	-	-	-
Sloping outside walls	15	14	-	-	1	-	-	1	-
Boarded up windows	6	2	3	-	-	-	-	-	-
Broken windows	29	25	4	-	-	-	-	-	-
Bars on windows	-	-	-	-	-	-	-	-	-
Foundation crumbling or has open crack or hole	73	67	4	-	2	-	-	1	-
Could not see foundation	62	42	8	-	13	8	-	5	-
None of the above	2 222	1 549	116	13	543	497	-	13	34
Could not observe or not reported	424	321	17	-	87	82	-	4	-
Site Placement									
Mobile homes	3 919	692	-	-	3 227	1 227	2 000	-	-
First site	1 782	364	-	-	1 418	822	595	-	-
Moved from another site	1 312	158	-	-	1 153	292	862	-	-
Don't know	682	138	-	-	544	82	462	-	-
Not reported	144	32	-	-	112	31	61	-	-

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	24 452	18 040	162	59	6 191	3 909	2 066	173	44
Rooms									
1 room	121	76	—	2	43	25	12	4	2
2 rooms	275	194	4	—	76	34	33	5	4
3 rooms	1 649	1 110	48	3	488	254	191	20	23
4 rooms	5 225	3 233	47	4	1 941	910	967	52	11
5 rooms	6 080	4 370	33	8	1 669	1 061	559	50	—
6 rooms	5 148	4 155	11	7	975	750	201	24	—
7 rooms	3 068	2 573	10	14	488	429	58	2	—
8 rooms	1 588	1 319	4	7	258	236	23	—	—
9 rooms	691	528	—	3	159	122	21	16	—
10 rooms or more	590	482	4	10	93	90	—	—	3
Median	5.3	5.5	4.1	—	4.8	5.2	4.3	4.6	—
Bedrooms									
None	201	139	4	2	56	35	13	6	2
1	2 176	1 514	67	4	591	316	221	25	28
2	8 513	5 826	56	14	2 617	1 320	1 198	89	10
3	10 324	7 870	23	16	2 415	1 773	588	54	—
4 or more	3 238	2 691	12	22	512	464	46	—	2
Median	2.6	2.7	1.7	—	2.4	2.7	2.2	2.1	—
Complete Bathrooms									
None	571	428	4	—	138	57	79	2	—
1	13 357	10 413	144	21	2 779	1 282	1 358	103	36
1 and one-half	3 691	2 917	6	4	763	475	263	23	2
2 or more	6 833	4 282	8	33	2 510	2 095	366	44	5
Square Footage of Unit									
Single detached and mobile homes	20 986	15 562	—	40	5 385	3 172	2 065	140	7
Less than 500	584	298	—	—	287	62	222	2	—
500 to 749	1 641	917	—	—	723	139	573	11	—
750 to 999	2 876	1 709	—	—	1 167	544	595	28	—
1,000 to 1,499	5 201	3 999	—	2	1 200	849	319	32	—
1,500 to 1,999	3 502	2 848	—	6	648	546	84	18	—
2,000 to 2,499	2 295	1 978	—	5	312	279	20	13	—
2,500 to 2,999	1 263	1 084	—	2	176	174	2	—	—
3,000 to 3,999	1 013	848	—	2	163	158	5	—	—
4,000 or more	641	496	—	4	141	115	18	5	2
Not reported (includes don't know)	1 971	1 385	—	19	568	306	225	32	5
Median	1 424	1 529	—	—	1 096	1 405	802	1 206	—
Lot Size									
Less than one-eighth acre	1 248	951	—	3	294	131	159	—	4
One-eighth up to one-quarter acre	2 521	2 157	—	9	355	211	111	33	—
One-quarter up to one-half acre	2 148	1 789	—	5	375	284	91	—	—
One-half up to one acre	2 195	1 647	—	3	545	385	150	7	2
1 to 4 acres	4 091	2 738	—	3	1 351	897	430	24	—
5 to 9 acres	745	488	—	2	255	178	77	—	—
10 acres or more	2 137	1 603	—	—	534	319	192	22	—
Don't know	3 997	3 021	—	16	960	503	411	43	3
Not reported	133	69	—	—	65	52	13	—	—
Median .....	.87	.74	—	—	1.84	1.85	1.87	1.51	—

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	24 452	18 040	162	59	6 191	3 909	2 066	173	44
Equipment¹									
Lacking complete kitchen facilities	1 060	833	6	4	218	103	103	9	3
With complete kitchen (sink, refrigerator and burners)	23 392	17 208	156	55	5 973	3 806	1 963	164	40
Kitchen Sink	24 163	17 826	162	56	6 118	3 863	2 038	173	44
Refrigerator	23 635	17 393	158	55	6 029	3 837	1 985	164	43
Less than 5 years old	6 750	4 506	48	19	2 177	1 689	425	52	10
Age not reported	629	420	5	1	203	120	79	5	—
Burners and oven	23 802	17 503	158	55	6 086	3 852	2 027	166	40
Less than 5 years old	5 693	3 575	46	16	2 046	1 671	324	42	9
Age not reported	683	463	4	—	216	120	96	—	—
Burners only	37	30	—	—	7	4	—	—	2
Less than 5 years old	6	6	—	—	—	—	—	—	—
Age not reported	11	9	—	—	2	2	—	—	—
Oven only	15	9	—	—	6	6	—	—	—
Less than 5 years old	5	4	—	—	1	—	—	—	—
Age not reported	5	5	—	—	—	—	—	—	—
Neither burners nor oven	599	499	5	4	92	46	39	7	1
Dishwasher	8 792	6 348	28	17	2 400	2 066	279	52	2
Less than 5 years old	2 835	1 724	11	8	1 092	1 011	58	23	—
Age not reported	225	146	—	—	79	69	10	—	—
Washing machine	18 629	13 889	69	44	4 526	3 173	1 246	105	2
Less than 5 years old	6 158	4 219	29	18	1 892	1 390	453	49	—
Age not reported	289	190	1	—	87	87	23	6	—
Clothes dryer	16 826	12 606	59	42	4 119	3 014	1 006	96	2
Less than 5 years old	4 723	3 164	19	15	1 525	1 216	281	19	—
Age not reported	228	156	2	—	70	50	20	—	—
Disposal in kitchen sink	5 507	4 088	5	14	1 403	1 282	108	30	3
Less than 5 years old	1 791	1 098	5	8	681	633	36	8	3
Age not reported	204	155	—	—	49	45	4	—	—
Air conditioning:									
Central	7 665	5 092	18	9	2 546	2 071	411	60	4
1 room unit	5 431	4 145	38	17	1 230	571	626	21	11
2 room units	1 696	1 348	15	5	328	151	147	18	12
3 room units or more	421	389	1	2	30	17	12	1	—
Main Heating Equipment									
Warm-air furnace	12 134	8 751	67	23	3 293	1 943	1 258	80	11
Steam or hot water system	1 929	1 689	44	13	204	167	15	2	20
Electric heat pump	1 704	861	—	—	843	754	76	13	—
Built-in electric units	2 268	1 639	14	6	607	492	91	22	2
Floor, wall, or other built-in hot air units without ducts	940	847	4	1	88	27	50	5	6
Room heaters with flue	1 331	1 156	6	3	166	66	83	13	5
Room heaters without flue	1 117	881	3	6	227	70	143	13	—
Portable electric heaters	156	92	2	—	62	18	40	3	—
Stoves	1 921	1 431	22	2	468	252	197	17	—
Fireplaces with inserts	265	214	—	—	52	41	11	—	—
Fireplaces without inserts	117	82	—	2	33	27	6	—	—
Other	316	243	—	—	74	31	43	—	—
None	255	178	—	3	77	20	54	3	—
Other Heating Equipment									
With other heating equipment ¹	8 632	6 584	35	15	2 019	1 397	570	48	6
Warm-air furnace	598	400	2	1	195	99	95	—	—
Steam or hot water system	70	60	—	1	9	6	2	—	—
Electric heat pump	70	51	—	—	20	20	—	—	—
Built-in electric units	992	774	6	—	212	170	33	4	6
Floor, wall, or other built-in hot-air units without ducts	184	162	—	—	23	14	9	—	—
Room heaters with flue	364	286	—	1	77	26	48	3	—
Room heaters without flue	920	683	8	3	227	100	126	—	—
Portable electric heaters	1 572	1 298	8	3	263	124	129	10	—
Stoves	1 704	1 262	7	3	432	298	112	21	—
Fireplaces with inserts	1 189	826	—	—	363	337	20	6	—
Fireplaces with no inserts	1 644	1 299	5	4	336	301	30	5	—
Other	381	302	3	—	76	61	15	—	—
Plumbing²									
With all plumbing facilities	23 307	17 200	148	59	5 900	3 746	1 940	171	44
Lacking some plumbing facilities ¹	178	125	4	—	49	17	32	—	—
No hot piped water	47	39	—	—	8	4	5	—	—
No bathtub nor shower	149	110	4	—	35	7	28	—	—
No flush toilet	83	54	—	—	29	10	19	—	—
No plumbing facilities for exclusive use	967	715	10	—	242	145	94	2	—
Source of Water									
Public system or private company	17 062	12 885	142	52	3 982	2 700	1 132	109	41
Well serving 1 to 5 units	6 572	4 603	15	6	1 948	1 107	780	61	—
Drilled	5 419	3 754	6	4	1 656	978	628	49	—
Dug	823	590	3	—	230	88	129	3	—
Not reported	330	260	6	2	62	30	23	9	—
Other	819	552	6	1	261	102	153	2	3

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New con- struction	Other sources		
							House or mobile home moved in	From nonresi- dential use	Other
Means of Sewage Disposal									
Public sewer	12 880	10 349	118	51	2 361	1 676	570	77	38
Septic tank, cesspool, chemical toilet	11 241	7 438	44	7	3 752	2 196	1 457	94	5
Other	331	253	-	-	78	37	39	2	-

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

²Data not up to publication standards; see "Qualifications of the Data" section in the Introduction.

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	24 452	18 040	162	59	6 191	3 909	2 066	173	44
Main House Heating Fuel									
Housing units with heating fuel	24 197	17 865	162	58	6 114	3 888	2 012	170	44
Electricity	5 848	3 480	20	6	2 341	1 859	425	55	2
Piped gas	9 131	7 793	63	33	1 242	738	419	48	37
Bottled gas	2 918	1 710	4	2	1 203	604	567	28	4
Fuel oil	2 814	2 405	39	10	360	160	188	10	1
Kerosene or other liquid fuel	578	299	2	1	277	121	145	11	-
Coal or coke	192	166	6	-	20	9	11	-	-
Wood	2 579	1 945	24	4	807	369	223	15	-
Solar energy	10	5	-	-	5	3	2	-	-
Other	126	61	4	-	60	25	32	3	-
Other House Heating Fuels									
With other heating fuels ¹	6 188	4 611	24	15	1 537	1 052	438	42	5
Electricity	1 884	1 397	14	5	486	293	151	17	5
Piped gas	218	173	-	1	44	24	20	-	-
Bottled gas	404	279	2	-	123	73	47	3	-
Fuel oil	294	263	1	1	29	16	13	-	-
Kerosene or other liquid fuel	681	488	4	3	186	75	111	-	-
Coal or coke	81	71	-	-	10	9	1	-	-
Wood	2 765	2 058	4	6	698	570	105	23	-
Solar energy	45	30	-	-	14	13	2	-	-
Other	57	47	-	-	10	8	2	-	-
Not reported	261	213	-	-	48	28	20	-	-
Cooking Fuel									
With cooking fuel	23 641	17 535	158	55	6 093	3 863	2 022	166	43
Electricity	15 394	11 628	96	34	3 636	2 724	763	115	34
Gas	8 113	5 707	82	21	2 323	1 094	1 181	40	8
Kerosene or other liquid fuel	152	93	-	-	59	17	42	-	-
Coal or coke	8	8	-	-	-	-	-	-	-
Wood	66	54	-	-	13	13	-	-	-
Other	110	47	-	-	62	18	35	12	-
Water Heating Fuel									
With hot piped water	24 058	17 736	182	59	6 102	3 867	2 021	171	44
Electricity	12 489	8 409	85	22	3 993	2 688	1 192	109	6
Gas	10 352	8 366	81	34	1 871	1 055	729	50	38
Fuel oil	840	708	16	1	115	81	34	-	-
Kerosene or other liquid fuel	137	79	-	1	57	18	38	-	-
Coal or coke	42	42	-	-	-	-	-	-	-
Wood	48	35	-	-	13	5	8	-	-
Solar energy	42	32	-	-	10	8	2	-	-
Other	108	64	-	1	43	14	17	12	-
Central Air Conditioning Fuel									
With central air conditioning	7 665	5 092	18	9	2 546	2 071	411	60	4
Electricity	7 111	4 634	18	8	2 450	1 983	404	60	4
Gas	524	439	-	1	84	77	7	-	-
Other	30	18	-	-	11	11	-	-	-
Clothes Dryer Fuel									
With clothes dryer	16 826	12 606	59	42	4 119	3 014	1 006	96	2
Electricity	14 835	10 905	55	38	3 837	2 838	917	79	2
Gas	1 971	1 683	4	4	260	176	66	18	2
Other	20	18	-	-	2	-	2	-	-

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	24 452	18 040	162	59	6 191	3 909	2 066	173	44
Selected Amenities¹									
Porch, deck, balcony, or patio	18 878	14 200	118	44	4 516	3 060	1 349	102	4
Not reported	72	53	-	-	19	5	14	-	-
Usable fireplace	5 638	4 430	10	13	1 186	1 088	90	7	-
Separate dining room	8 727	7 057	41	37	1 592	1 229	318	42	3
With 2 or more living rooms or recreation rooms, etc.	6 642	5 431	24	24	1 184	976	161	24	3
Garage or carport included with home	12 204	10 081	26	24	2 072	1 663	331	71	7
Not included	10 739	6 919	132	33	3 656	1 991	1 539	90	36
Offstreet parking included	9 328	5 848	109	31	3 340	1 807	1 417	83	33
Offstreet parking not reported	75	53	1	-	21	12	5	2	2
Garage or carport not reported	61	27	1	-	32	28	4	-	1
Owner or Manager on Property									
Rental, multunit ²	2 926	2 080	162	17	667	605	-	28	34
Owner or manager lives on property	642	462	30	1	149	138	-	10	1
Neither owner nor manager lives on property	1 717	1 245	97	8	368	318	-	15	33
Not reported	567	373	35	7	152	145	-	3	-
Selected Deficiencies¹									
Holes in floors	469	380	9	5	96	24	69	2	-
Open cracks or holes (interior)	1 350	1 119	14	8	210	102	96	11	-
Broken plaster or peeling paint (interior)	1 212	1 062	9	3	138	40	77	20	-
No electrical wiring	79	41	-	-	38	27	11	-	-
Exposed wiring	442	357	1	-	84	41	34	9	-
Rooms without electric outlets	665	559	10	3	92	40	47	5	-
Description of Area Within 300 Feet¹									
Single-family detached houses	1 363	979	128	14	241	196	-	16	28
Only single-family detached	-	-	-	-	-	-	-	-	-
Single-family attached or 1 to 3 story multunit	1 583	1 080	46	11	445	424	-	13	8
4 to 6 story multunit	193	107	6	3	76	53	-	6	17
7 stories or more multunit	91	54	-	3	34	34	-	-	-
Mobile homes	83	59	7	-	17	16	-	1	-
Commercial, institutional, or industrial	844	576	55	5	207	170	-	11	26
Residential parking lots	602	391	11	3	198	174	-	5	20
Body of water	242	158	6	3	76	74	-	2	-
Open space, park, farm, or ranch	700	440	32	5	223	218	-	3	3
4+ lane highway, railroad, or airport	252	183	8	2	58	57	-	1	-
Other	131	96	15	2	19	14	-	5	-
Not observed or not reported	398	302	15	-	81	78	-	3	-
Age of Other Residential Buildings Within 300 Feet									
Older	212	133	-	-	78	67	-	10	2
About the same	1 680	1 197	91	11	381	355	-	13	12
Newer	75	49	19	-	6	6	-	-	-
Very mixed	378	252	27	6	92	71	-	1	20
No other residential buildings	164	133	8	-	24	23	-	1	-
Not reported	415	315	15	-	85	82	-	3	-
Mobile Homes in Group									
Mobile homes	3 919	692	-	-	3 227	1 227	2 000	-	-
1 to 6	3 118	487	-	-	2 631	1 009	1 621	-	-
7 to 20	204	33	-	-	171	50	121	-	-
21 or more	587	172	-	-	416	168	248	-	-
Not reported	10	-	-	-	10	-	10	-	-
Other Buildings Vandalized or With Interior Exposed									
None	2 369	1 673	137	16	542	487	-	25	30
1 building	31	25	1	-	4	-	-	-	4
More than 1 building	14	9	2	-	3	3	-	-	-
No buildings within 300 feet	54	38	4	-	12	11	-	-	-
Not reported	457	335	15	-	106	103	-	3	-
Bars on Windows of Buildings									
With other buildings within 300 feet	2 413	1 707	141	16	549	490	-	25	34
No bars on windows	2 375	1 680	138	16	540	483	-	23	34
1 building with bars	6	8	-	-	-	-	-	-	-
2 or more buildings with bars	15	10	3	-	3	3	-	-	-
Not reported	18	11	-	-	7	5	-	2	-
Condition of Streets									
No repairs needed	1 912	1 345	102	10	456	412	-	16	27
Minor repairs needed	542	387	40	6	109	101	-	7	1
Major repairs needed	53	47	-	-	7	1	-	-	5
No streets within 300 feet	22	8	3	1	10	10	-	-	-
Not reported	394	293	15	-	86	81	-	4	-

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980
AND SAME UNITSTable 1D-6. Housing and Neighborhood Quality—All Housing Units—Outside Metropolitan
Statistical Areas—Con.

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New con- struction	Other sources		
							House or mobile home moved in	From nonresi- dential use	Other
Trash, Litter, or Junk on Streets or any Properties									
None	2 041	1 422	107	13	498	454	-	17	27
Minor accumulation	451	335	35	3	77	65	-	6	5
Major accumulation	33	24	3	-	6	5	-	-	1
Not reported	399	298	15	-	86	81	-	4	-

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	24 452	18 040	162	59	6 191	3 909	2 066	173	44
Monthly Housing Costs¹									
Less than \$100	1 092	703	1	-	387	178	204	6	-
\$100 to \$199	4 758	3 678	11	3	1 066	545	478	40	4
\$200 to \$249	2 208	1 784	18	3	401	211	182	2	6
\$250 to \$299	1 761	1 369	7	6	379	232	122	24	-
\$300 to \$349	1 440	1 102	20	5	342	181	119	12	1
\$350 to \$399	1 327	955	23	6	313	213	123	3	3
\$400 to \$449	1 206	897	10	4	294	182	89	24	-
\$450 to \$499	1 057	748	11	4	199	151	39	7	2
\$500 to \$599	1 459	1 095	22	4	339	300	31	5	2
\$600 to \$699	954	721	6	5	223	187	15	9	2
\$700 to \$799	684	505	6	2	171	152	17	-	2
\$800 to \$899	758	522	3	8	225	215	9	-	-
\$1,000 to \$1,249	314	207	4	3	100	98	2	-	-
\$1,250 to \$1,499	135	80	1	3	53	53	-	-	-
\$1,500 or more	187	109	-	1	78	72	6	-	-
No cash rent	849	620	6	2	220	113	83	16	9
Mortgage payment not reported	968	676	3	1	287	233	44	10	-
Median (excludes no cash rent)	294	289	381	-	308	382	210	286	-
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	292	287	-	-	306	395	188	284	-
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	122	111	-	-	149	210	100	166	-
OWNER HOUSING UNITS									
Total	15 818	11 803	25	38	3 950	2 714	1 151	83	2
Average Monthly Cost Paid for Real Estate Taxes									
Less than \$25	5 660	3 658	-	3	1 999	1 049	925	25	-
\$25 to \$49	3 788	3 043	5	9	730	535	154	42	-
\$50 to \$74	2 257	1 861	3	4	389	348	31	11	-
\$75 to \$99	1 310	1 058	6	5	242	232	9	-	1
\$100 to \$149	1 581	1 248	6	11	297	277	14	5	1
\$150 to \$199	627	471	1	3	152	144	8	-	-
\$200 or more	614	465	4	4	141	131	9	1	-
Median	40	43	-	-	25	39	25	35	-
Annual Taxes Paid Per \$1,000 Value									
Less than \$5	3 401	2 454	2	1	944	680	237	27	-
\$5 to \$9	4 514	3 454	4	10	1 048	825	205	14	1
\$10 to \$14	2 821	2 096	2	5	718	497	210	11	-
\$15 to \$19	1 699	1 334	3	5	357	221	113	23	-
\$20 to \$24	1 135	927	3	9	196	133	57	6	1
\$25 or more	2 246	1 538	11	9	688	359	328	1	-
Median	10	10	-	-	10	9	13	10	-
Condominium and Cooperative Fee									
Fee paid by owners	83	31	-	-	52	52	-	-	-
Less than \$25 per month	-	-	-	-	-	-	-	-	-
\$25 to \$49	5	2	-	-	2	2	-	-	-
\$50 to \$74	27	9	-	-	19	19	-	-	-
\$75 to \$99	23	5	-	-	18	18	-	-	-
\$100 to \$149	21	10	-	-	12	12	-	-	-
\$150 to \$199	-	-	-	-	-	-	-	-	-
\$200 or more per month	2	2	-	-	-	-	-	-	-
Not reported	5	4	-	-	2	2	-	-	-
Median	83	-	-	-	-	-	-	-	-
Other Housing Costs Per Month									
Homeowner association fee paid	77	27	-	-	49	49	-	-	-
Median	84	-	-	-	-	-	-	-	-
Mobile home park fee paid	63	13	-	-	50	25	25	-	-
Median	85	-	-	-	-	-	-	-	-
Land rent fee paid	36	18	-	-	18	12	3	3	-
Median	-	-	-	-	-	-	-	-	-
Value²									
Less than \$10,000	1 421	500	-	1	920	238	682	-	-
\$10,000 to \$19,999	1 367	748	2	1	618	411	201	6	-
\$20,000 to \$29,999	1 433	1 066	3	3	364	233	114	17	-
\$30,000 to \$39,999	1 619	1 330	2	7	279	206	65	8	-
\$40,000 to \$49,999	1 998	1 778	4	6	211	180	22	6	-
\$50,000 to \$59,999	1 531	1 362	-	5	166	141	16	9	-
\$60,000 to \$69,999	1 358	1 187	3	5	163	150	13	-	-
\$70,000 to \$79,999	1 188	1 004	5	5	174	166	8	-	-
\$80,000 to \$99,999	1 477	1 152	3	3	322	294	10	17	1
\$100,000 to \$119,999	828	609	2	3	213	193	12	8	-
\$120,000 to \$149,999	648	429	-	2	218	212	2	4	-
\$150,000 to \$199,999	481	330	1	3	147	141	3	3	-
\$200,000 to \$249,999	174	111	1	-	62	61	1	1	-
\$250,000 to \$299,999	111	74	1	-	35	35	-	-	-
\$300,000 or more	178	120	-	-	57	53	2	2	-
Time shared units	30	18	-	-	12	12	-	-	-
Median	50 441	53 515	-	-	32 598	58 348	10000	51 921	-

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
OWNER HOUSING UNITS—Con.									
Other Activities on Property³									
Commercial establishment.....	384	286	4	1	94	57	33	4	-
Medical or dental office.....	14	10	-	-	4	4	-	-	-
Neither.....	15 420	11 509	21	38	3 852	2 654	1 117	80	2

¹Rent asked for vacant units.

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

³Figures may not add to total because more than one category may apply to a unit.

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

Table 2-1. Introductory Characteristics—Occupied Units

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	93 148	72 054	836	289	19 968	16 594	2 997	278	99
Tenure									
Owner occupied	60 742	46 885	212	189	13 458	11 167	2 169	114	6
Percent of all occupied	65.2	65.1	25.4	65.3	67.4	67.3	72.4	41.0	6.4
Renter occupied	32 406	25 170	624	100	6 512	5 427	828	164	93
Race and Origin									
White	80 089	61 529	667	228	17 664	14 622	2 714	240	88
Non-Hispanic	74 571	57 104	601	213	16 653	13 830	2 553	198	72
Hispanic	5 518	4 425	67	15	1 011	792	161	42	16
Black	9 828	8 099	128	53	1 548	1 285	231	21	11
Other	3 231	2 426	41	8	757	687	52	18	-
Total Hispanic	6 237	5 042	81	17	1 096	858	178	45	16
Units in Structure									
1, detached	57 570	48 681	-	182	8 727	8 377	126	182	42
1, attached	5 367	3 836	-	16	1 515	1 493	6	10	7
2 to 4	9 128	7 244	746	60	1 078	1 029	11	30	9
5 to 9	4 390	3 157	83	12	1 138	1 124	-	14	-
10 to 19	3 749	2 535	2	5	1 207	1 195	-	7	6
20 to 49	3 053	2 279	5	4	765	717	2	15	30
50 or more	3 372	2 775	-	10	587	563	-	19	5
Mobile home or trailer	6 518	1 567	-	1	4 950	2 097	2 853	-	-
Cooperatives and Condominiums									
Cooperatives	644	579	-	4	61	48	14	-	-
Condominiums	3 359	2 018	5	6	1 331	1 326	-	3	1
Year Structure Built¹									
1990 to 1994	2 033	-	-	-	2 033	2 033	-	-	-
1985 to 1989	7 830	-	-	-	7 830	7 830	-	-	-
1980 to 1984	7 158	364	-	-	6 794	6 731	59	-	4
1975 to 1979	10 678	9 373	30	16	1 259	-	1 127	105	27
1970 to 1974	10 208	9 167	34	9	998	-	965	13	20
1960 to 1969	14 931	14 131	64	26	709	-	651	28	30
1950 to 1959	12 941	12 596	152	42	152	-	128	23	1
1940 to 1949	7 727	7 505	109	42	71	-	39	21	11
1930 to 1939	6 344	5 753	407	141	43	-	11	27	4
1920 to 1929	4 910	4 857	13	1	40	-	8	33	-
1919 or earlier	8 388	8 309	26	12	39	-	8	28	2
Median	1964	1958	1939	1939	1984	1985	1973	1962	1970
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	72 547	56 618	697	239	14 993	13 325	1 478	128	62
In central cities	29 039	24 560	334	150	3 995	3 751	165	55	24
Suburbs	43 508	32 059	363	89	10 998	9 574	1 313	73	38
Outside metropolitan statistical areas	20 600	15 436	139	50	4 975	3 270	1 518	150	37
Regions									
Northeast	18 962	16 315	352	102	2 194	2 035	127	28	5
Midwest	22 593	18 979	179	85	3 350	2 786	486	49	29
South	32 190	22 322	169	56	9 643	7 697	1 789	143	15
West	19 402	14 438	137	47	4 781	4 076	595	59	51
Urbanized Areas									
Inside urbanized areas	58 233	47 863	556	219	9 594	8 897	562	82	55
In central cities of (P)MSA's	28 525	24 224	326	150	3 825	3 583	163	55	24
Urban fringe	29 709	23 640	230	69	5 769	5 313	399	27	31
Outside urbanized areas	34 915	24 191	280	70	10 374	7 698	2 435	197	45
Other urban	11 648	9 339	141	47	2 120	1 780	277	40	23
Rural	23 267	14 852	139	23	8 254	5 918	2 158	156	21
Place Size²									
Less than 2,500 persons	4 396	3 704	52	8	632	390	210	24	8
2,500 to 9,999 persons	9 357	7 768	135	34	1 421	1 129	270	22	1
10,000 to 19,999 persons	8 677	7 383	65	35	1 195	1 047	126	16	6
20,000 to 49,999 persons	12 957	10 759	168	39	1 992	1 844	103	25	20
50,000 to 99,999 persons	8 244	7 007	49	19	1 169	1 051	84	9	25
100,000 to 249,999 persons	7 419	6 007	72	24	1 316	1 254	58	2	2
250,000 to 499,999 persons	4 967	4 197	52	26	892	638	31	13	10
500,000 to 999,999 persons	4 352	3 624	53	29	845	629	12	4	-
1,000,000 persons or more	6 394	5 865	75	53	402	351	18	22	11

¹For mobile home, oldest category is 1939 or earlier.

²Figures will not add to total, because all units are not in Places.

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	93 148	72 054	838	289	19 968	16 594	2 997	278	99
Stories in Structure									
1	2 450	1 768	126	12	546	525	-	12	9
2	8 588	5 856	283	16	2 432	2 387	10	19	16
3	6 839	5 134	304	31	1 171	1 140	-	25	5
4 to 6	3 820	3 281	113	18	409	380	-	9	20
7 or more	2 184	1 953	-	13	218	196	2	20	-
Not reported	11	2	9	-	-	-	-	-	-
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	21 232	16 223	700	78	4 230	4 103	12	74	41
None (on same floor)	7 403	5 434	371	37	1 562	1 536	3	22	-
1 (up or down)	5 902	4 514	202	18	1 187	1 119	7	19	22
2 or more (up or down)	5 782	4 844	67	21	1 050	1 006	2	23	19
Not reported	2 145	1 631	61	2	451	441	-	10	-
Common Stairways									
Multiunits, 2 or more floors	21 232	16 223	700	78	4 230	4 103	12	74	41
No common stairways	4 180	2 972	362	24	822	809	-	13	-
With common stairways	15 014	11 706	278	51	2 981	2 876	12	52	41
No loose steps	14 060	10 939	253	49	2 839	2 744	12	51	31
Railings not loose	12 833	9 942	214	46	2 632	2 539	12	48	31
Railings loose	433	330	8	1	94	93	-	1	-
No railings	627	526	28	2	71	69	-	2	-
Status of railings not reported	187	141	3	-	43	43	-	-	-
Loose steps	880	722	22	2	134	124	-	-	9
Railings not loose	627	496	9	1	122	113	-	-	9
Railings loose	181	163	11	1	6	6	-	-	-
No railings	58	53	1	-	3	3	-	-	-
Status of railings not reported	13	10	1	-	2	2	-	-	-
Status of steps not reported	54	46	-	-	8	8	-	-	-
Status of stairways not reported	2 038	1 545	62	3	427	418	-	9	-
Light Fixtures in Public Halls									
2 or more units in structure	23 682	17 989	827	90	4 776	4 628	13	86	50
No public halls	8 372	5 865	541	38	1 927	1 884	-	32	11
No light fixtures in public halls	58	47	2	-	8	7	-	1	-
All in working order	8 988	7 225	126	35	1 601	1 538	2	28	34
Some in working order	818	528	40	3	47	31	10	-	5
None in working order	39	32	6	-	-	-	-	-	-
Unable to determine if working	3 108	2 404	27	11	664	651	-	13	-
Not reported	2 502	1 887	84	3	529	517	-	12	-
Elevator on Floor									
Multiunits, 2 or more floors	21 232	16 223	700	78	4 230	4 103	12	74	41
With 1 or more elevators working	3 349	2 720	1	13	615	575	2	19	20
With elevator, none in working condition	152	129	1	-	22	22	-	-	-
No elevator	15 663	11 803	637	63	3 181	3 083	10	46	21
Units 3 or more floors from main entrance	859	718	19	2	120	115	-	5	-
Not reported	2 067	1 571	62	2	432	423	-	9	-
Foundation									
1 unit bldg. excl. mobile homes	62 937	52 496	-	198	10 242	9 869	131	192	49
With basement under all of building	22 127	19 199	-	107	2 821	2 769	19	22	10
With basement under part of building	7 638	6 844	-	37	757	742	6	7	2
With crawl space	15 794	13 714	-	31	2 049	1 896	71	71	11
On concrete slab	16 073	11 638	-	21	4 414	4 312	22	80	1
Other	1 270	1 098	-	3	189	144	12	12	1
Not reported	35	2	-	-	33	7	-	1	25
External Building Conditions¹									
Sagging roof	88	83	1	3	1	-	-	1	-
Missing roofing material	98	84	8	-	7	7	-	-	-
Hole in roof	24	24	-	-	-	-	-	-	-
Could not see roof	2 280	1 965	74	11	231	213	-	17	-
Missing bricks, siding, other outside wall material	327	279	22	6	20	20	-	-	-
Sloping outside walls	47	44	2	2	1	-	-	1	-
Boarded up windows	190	177	6	1	5	5	-	-	-
Broken windows	244	230	9	3	2	2	-	-	-
Bars on windows	461	434	15	1	11	8	-	3	-
Foundation crumbling or has open crack or hole	283	259	10	3	12	10	-	1	-
Could not see foundation	867	759	32	2	73	69	-	5	-
None of the above	17 612	13 108	613	69	3 822	3 716	13	54	39
Could not observe or not reported	2 978	2 198	102	2	676	651	-	14	11
Site Placement									
Mobile homes	6 518	1 567	-	1	4 950	2 097	2 853	-	-
First site	3 476	972	-	-	2 503	1 452	1 051	-	-
Moved from another site	1 823	289	-	-	1 534	472	1 062	-	-
Don't know	1 028	260	-	1	767	127	640	-	-
Not reported	192	46	-	-	146	46	100	-	-
Previous Occupancy									
Unit built 1980 or later	17 021	364	-	-	16 657	16 594	59	-	4
Not previously occupied	8 563	77	-	-	8 486	8 440	33	13	-
Not reported	2 064	166	2	-	1 896	1 883	7	2	4

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	93 148	72 054	836	289	19 968	16 594	2 997	276	99
Rooms									
1 room	558	412	56	-	87	40	-	9	39
2 rooms	959	803	53	-	104	74	11	15	4
3 rooms	7 789	6 024	193	17	1 555	1 287	176	62	30
4 rooms	17 293	12 027	214	34	5 018	3 561	1 368	73	15
5 rooms	21 225	16 283	150	34	4 759	3 758	946	51	3
6 rooms	19 563	15 950	82	54	3 476	3 104	334	37	2
7 rooms	12 473	10 276	45	47	2 104	2 015	89	-	-
8 rooms	7 529	5 927	27	43	1 532	1 485	37	9	2
9 rooms	3 356	2 510	8	22	764	764	34	16	-
10 rooms or more	2 404	1 842	8	37	517	506	2	6	3
Median	5.4	5.5	4.0	6.6	5.2	5.4	4.5	4.2	2.7
Bedrooms									
None	1 119	811	69	1	138	77	5	18	39
1	11 124	8 609	311	30	2 175	1 846	216	78	35
2	29 127	21 667	270	58	7 133	5 285	1 733	99	15
3	37 678	29 614	148	103	7 812	6 757	982	68	5
4 or more	14 099	11 253	38	98	2 711	2 630	61	15	5
Median	2.6	2.7	1.6	3.0	2.6	2.7	2.2	1.9	.8
Complete Bathrooms									
None	533	399	49	1	84	39	24	11	11
1	44 390	37 280	658	92	6 361	4 309	1 803	175	73
1 and one-half	15 056	12 730	57	25	2 243	1 746	472	21	5
2 or more	33 169	21 645	71	172	11 280	10 500	698	71	10
Square Footage of Unit									
Single detached and mobile homes									
Less than 500	64 088	50 228	-	183	13 877	10 474	2 979	182	42
500 to 749	773	481	-	2	310	44	255	8	3
750 to 999	2 791	1 816	-	5	970	158	769	13	-
1,000 to 1,499	8 141	4 137	-	5	1 099	1 035	834	30	-
1,500 to 1,999	15 055	12 075	-	18	2 962	2 387	535	36	3
2,000 to 2,499	13 168	10 814	-	23	2 328	2 187	123	18	-
2,500 to 2,999	9 306	7 715	-	18	1 574	1 518	43	13	2
3,000 to 3,999	4 997	4 087	-	9	901	866	7	8	-
4,000 or more	4 451	3 543	-	11	896	885	11	8	-
Not reported	2 571	2 010	-	12	549	517	20	10	2
Median	4 838	3 569	-	80	1 189	858	252	46	32
Median	1 685	1 724	-	1 958	1 501	1 770	833	1 235	...
Lot Size									
Less than one-eighth acre	6 743	5 376	-	42	1 325	890	430	-	5
One-eighth up to one-quarter acre	12 840	10 829	-	37	1 974	1 731	208	36	-
One-quarter up to one-half acre	9 677	7 723	-	18	1 936	1 762	174	-	-
One-half up to one acre	7 070	5 404	-	13	1 654	1 358	278	15	2
1 to 4 acres	9 490	6 810	-	15	2 865	2 174	847	41	3
5 to 9 acres	1 531	980	-	2	549	398	149	-	2
10 acres or more	3 241	2 399	-	1	841	574	237	29	2
Don't know	17 441	13 941	-	70	3 431	2 535	818	68	10
Not reported	1 421	802	-	-	619	546	45	3	25
Median .....	.40	.38	-	.20	.60	.52	.95	1.91	...
Persons Per Room									
0.50 or less	63 033	49 266	524	176	13 067	11 088	1 769	169	41
0.51 to 1.00	27 571	20 843	288	101	6 339	5 177	1 057	78	27
1.01 to 1.50	2 028	1 542	22	11	453	275	148	30	-
1.51 or more	516	404	2	1	109	54	23	1	31
Square Feet Per Person									
Single detached and mobile homes									
Less than 200	2 053	1 351	-	4	698	229	455	13	1
200 to 299	4 510	3 232	-	4	1 273	734	520	17	2
300 to 399	6 394	4 784	-	13	1 617	1 174	428	15	-
400 to 499	6 701	5 023	-	19	1 659	1 281	353	21	3
500 to 599	5 793	4 500	-	14	1 278	1 055	223	-	-
600 to 699	5 642	4 497	-	12	1 133	947	181	3	2
700 to 799	4 712	3 703	-	8	1 001	781	206	11	2
800 to 899	3 632	2 875	-	3	754	643	108	4	-
900 to 999	3 237	2 546	-	1	690	570	111	9	-
1,000 to 1,499	9 270	7 762	-	17	1 491	1 361	99	31	-
1,500 or more	7 307	6 404	-	8	895	840	43	12	-
Not reported	4 838	3 569	-	80	1 189	858	252	46	32
Median	674	699	-	577	578	635	391	647	...

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	93 148	72 054	836	289	19 968	16 594	2 997	278	99
Equipment¹									
Lacking complete kitchen facilities	852	611	52	1	189	116	23	10	40
With complete kitchen (sink, refrigerator and burners)									
Kitchen sink	92 296	71 443	784	288	19 780	18 478	2 974	269	59
Refrigerator	92 693	71 748	799	289	19 856	18 531	2 989	273	63
Refrigerator	92 899	71 904	806	289	19 899	18 565	2 985	275	74
Less than 5 years old	32 858	22 976	282	111	9 289	8 301	872	96	19
Age not reported	1 821	1 274	37	1	508	462	31	15	-
Burners and oven	92 879	71 715	791	288	19 886	18 564	2 994	269	59
Less than 5 years old	25 815	16 649	240	90	8 835	8 111	624	88	12
Age not reported	2 098	1 455	30	1	613	549	56	7	1
Burners only	90	74	2	-	13	7	-	4	2
Less than 5 years old	24	18	-	-	6	2	-	-	-
Age not reported	15	13	-	-	2	2	-	-	-
Oven only	83	60	5	-	18	13	2	1	2
Less than 5 years old	35	30	2	-	3	2	-	1	-
Age not reported	8	8	-	-	-	-	-	-	-
Neither burners nor oven	296	205	38	1	52	11	-	5	36
Dishwasher	47 074	33 111	203	113	13 848	12 952	599	85	12
Less than 5 years old	17 417	10 289	70	53	7 005	6 794	155	53	3
Age not reported	1 208	701	11	3	482	478	16	-	-
Washing machine	71 481	54 754	376	234	18 117	13 800	2 150	158	10
Less than 5 years old	28 220	18 397	163	86	7 575	6 671	620	80	3
Age not reported	730	507	1	1	221	199	14	8	-
Clothes dryer	65 335	49 374	328	199	15 434	13 451	1 825	148	10
Less than 5 years old	21 430	14 345	97	69	6 819	6 280	587	46	6
Age not reported	668	445	7	-	214	187	27	-	-
Disposal in kitchen sink	38 063	26 814	98	73	11 078	10 719	265	54	10
Less than 5 years old	14 932	8 728	41	42	6 122	5 978	112	30	3
Age not reported	1 704	1 187	7	3	507	498	7	2	-
Air conditioning:									
Central	39 642	26 518	102	54	12 968	11 968	878	85	38
1 room unit	17 462	14 805	191	57	2 409	1 380	954	64	12
2 room units	7 031	6 172	63	41	754	418	301	20	16
3 room units or more	2 530	2 395	22	25	89	57	31	1	-
Main Heating Equipment									
Warm-air furnace	50 278	38 138	368	109	11 680	9 607	1 914	101	38
Steam or hot water system	13 881	12 659	258	110	835	781	28	24	22
Electric heat pump	7 528	3 924	16	6	3 582	3 392	166	19	5
Built-in electric units	6 551	4 792	41	8	1 711	1 577	99	30	6
Floor, wall, or other built-in hot air units without ducts	4 253	3 910	38	11	295	190	80	16	8
Room heaters with flue	2 506	2 251	19	11	224	99	96	19	10
Room heaters without flue	2 070	1 768	10	11	281	85	176	20	-
Portable electric heaters	717	535	19	6	157	40	109	8	-
Stoves	2 631	1 927	33	5	666	400	232	34	-
Fireplaces with inserts	576	429	5	-	142	132	11	-	-
Fireplaces without inserts	429	312	-	5	112	100	12	-	-
Other	876	702	11	5	157	115	42	-	-
None	873	705	19	4	145	96	33	6	11
Other Heating Equipment									
With other heating equipment ¹	27 555	20 948	184	73	6 352	5 444	845	55	8
Warm-air furnace	1 368	907	6	5	450	282	159	9	-
Steam or hot water system	155	136	-	2	16	15	1	-	-
Electric heat pump	319	224	1	1	93	87	6	-	-
Built-in electric units	2 353	1 933	28	8	383	342	31	4	6
Floor, wall, or other built-in hot-air units without ducts	466	418	2	2	44	35	9	-	-
Room heaters with flue	11	922	11	2	154	85	66	3	-
Room heaters without flue	2 072	1 852	10	9	400	226	172	2	-
Portable electric heaters	5 883	5 042	68	17	759	518	229	12	-
Stoves	3 378	2 631	25	8	714	560	133	21	-
Fireplaces with inserts	3 825	2 716	7	11	1 092	1 052	31	1	2
Fireplaces with no inserts	9 330	6 617	48	19	2 646	2 594	51	6	-
Other	893	703	5	1	184	162	22	-	-
Plumbing²									
With all plumbing facilities	90 988	70 453	757	284	19 494	16 231	2 906	271	86
Lacking some plumbing facilities ¹	210	148	28	-	34	12	8	2	11
No hot piped water	34	27	-	-	7	-	5	2	-
No bathtub nor shower	179	131	28	-	20	5	2	2	11
No flush toilet	116	73	21	-	22	8	4	2	11
No plumbing facilities for exclusive use	1 951	1 453	51	6	441	351	83	5	2
Source of Water									
Public system or private company	80 634	63 235	768	271	18 382	14 094	1 975	200	93
Well serving 1 to 5 units	11 061	7 735	50	15	3 262	2 264	921	74	2
Ortiled	9 449	6 553	38	9	2 849	2 036	751	62	2
Dug	1 131	815	6	1	309	167	137	3	2
Not reported	480	366	6	5	103	62	33	3	-
Other	1 453	1 084	20	4	345	236	101	4	4
Means of Sewage Disposal									
Public sewer	72 444	57 882	673	267	13 622	12 212	1 173	150	86
Septic tank, cesspool, chemical toilet	20 564	14 059	162	22	6 321	4 368	1 816	124	13
Other	139	113	1	-	26	14	8	4	-

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

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

Table 2-5. Fuels—Occupied Units

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	93 148	72 054	836	289	19 968	16 594	2 997	278	99
Main House Heating Fuel									
Housing units with heating fuel	92 274	71 349	816	286	19 823	16 499	2 964	272	88
Electricity	23 348	14 134	122	29	9 063	8 168	802	77	16
Piped gas	47 988	40 429	446	180	6 933	5 907	857	112	57
Bottled gas	3 720	2 230	7	4	1 479	862	577	25	15
Fuel oil	11 443	10 366	185	56	817	605	201	11	1
Kerosene or other liquid fuel	894	595	5	5	390	163	216	11	—
Coal or coke	327	274	6	—	48	28	18	2	—
Wood	4 041	2 998	41	10	992	696	268	30	—
Solar energy	26	11	—	—	16	14	2	—	—
Other	387	294	5	3	86	57	24	5	—
Other House Heating Fuels									
With other heating fuels ¹	17 986	13 745	100	54	4 087	3 312	713	54	7
Electricity	5 815	4 553	52	27	984	684	266	28	5
Piped gas	845	648	4	6	188	148	40	—	—
Bottled gas	598	409	4	—	184	113	69	3	—
Fuel oil	832	567	5	1	59	41	18	2	—
Kerosene or other liquid fuel	1 610	1 251	13	4	342	191	151	—	—
Coal or coke	214	180	2	—	32	28	3	—	—
Wood	8 785	6 432	22	17	2 313	2 111	177	23	2
Solar energy	188	141	2	—	43	37	6	—	—
Other	261	202	1	2	58	49	7	—	—
Not reported	816	600	4	—	212	161	51	—	—
Cooking Fuel									
With cooking fuel	92 842	71 839	798	288	19 917	16 583	2 997	273	63
Electricity	54 076	39 817	398	120	13 741	12 269	1 264	168	40
Piped gas	33 948	29 199	362	156	4 228	3 305	836	71	18
Bottled gas	4 404	2 561	38	12	1 793	944	821	22	7
Kerosene or other liquid fuel	209	138	—	—	73	23	49	—	—
Coal or coke	6	6	—	—	—	—	—	—	—
Wood	47	35	—	—	12	12	—	—	—
Other	154	85	—	—	69	31	27	12	—
Water Heating Fuel									
With hot piped water	92 952	71 912	814	289	19 937	16 580	2 985	272	99
Electricity	34 095	22 683	214	53	11 145	9 154	1 837	144	10
Piped gas	49 103	41 304	474	192	7 133	6 288	872	98	74
Bottled gas	2 882	1 826	19	7	1 030	631	370	14	15
Fuel oil	5 849	5 355	101	31	361	324	34	3	—
Kerosene or other liquid fuel	201	111	—	1	89	38	50	—	—
Coal or coke	63	57	—	—	6	6	—	—	—
Wood	70	53	—	1	16	8	8	—	—
Solar energy	298	232	5	1	62	60	2	—	—
Other	391	290	1	4	95	71	12	12	—
Central Air Conditioning Fuel									
With central air conditioning	39 842	26 518	102	54	12 968	11 966	878	85	38
Electricity	36 790	24 258	102	49	12 381	11 406	852	85	38
Piped gas	2 581	2 035	—	4	542	520	22	—	—
Other	271	225	—	1	45	40	5	—	—
Clothes Dryer Fuel									
With clothes dryer	65 335	49 374	328	199	15 434	13 451	1 825	148	10
Electricity	49 689	36 200	233	133	13 122	11 338	1 660	120	2
Piped gas	14 758	12 551	90	63	2 054	1 929	107	13	4
Other	888	623	4	3	258	183	57	15	3
Units Using Each Fuel¹									
Electricity	93 100	72 026	836	289	19 949	16 578	2 997	278	95
All-electric units	18 618	10 828	75	15	7 699	7 060	570	64	8
Piped gas	58 241	49 048	572	230	8 391	7 167	1 015	131	78
Bottled gas	7 031	4 461	49	17	2 505	1 388	1 050	52	15
Fuel oil	13 765	12 378	210	62	1 114	791	292	21	10
Kerosene or other liquid fuel	2 725	1 945	18	9	753	361	381	11	—
Coal or coke	546	459	8	—	79	56	21	2	—
Wood	12 831	9 434	63	28	3 307	2 809	443	53	2
Solar energy	486	364	7	1	114	106	8	—	—
Other	889	746	7	6	230	167	46	17	—

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

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

Table 2-6. Failures in Equipment—Occupied Units

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	83 148	72 054	836	289	19 968	16 594	2 997	278	99
Water Supply Stoppage									
With hot and cold piped water	92 952	71 912	814	289	19 937	16 580	2 985	272	99
No stoppage in last 3 months	87 919	68 073	764	273	18 808	15 726	2 732	259	92
With stoppage in last 3 months	4 085	3 123	45	13	904	710	178	9	6
No stoppage lasting 6 hours or more	1 567	1 206	17	3	340	268	65	7	—
1 time lasting 6 hours or more	1 650	1 217	14	7	411	319	85	1	6
2 times	314	257	8	1	48	38	10	—	—
3 times	151	114	—	—	36	23	13	—	—
4 times or more	138	121	2	—	15	12	3	—	—
Number of times not reported	265	207	2	3	53	50	3	—	—
Stoppage not reported	949	716	5	3	225	145	75	4	1
Flush Toilet Breakdowns									
With one or more flush toilets	92 870	71 865	794	289	19 922	16 573	2 986	274	88
With at least one working toilet at all times in last 3 months	87 925	67 869	748	275	19 035	15 922	2 789	255	69
None working some time in last 3 months	4 583	3 710	41	13	818	596	194	9	19
No breakdowns lasting 6 hours or more	1 373	1 098	12	2	261	194	49	7	11
1 time lasting 6 hours or more	2 088	1 715	16	9	349	244	102	—	3
2 times	425	360	4	1	81	46	9	—	5
3 times	148	119	2	1	27	20	7	—	—
4 times or more	159	139	1	—	18	12	5	2	—
Number of times not reported	389	280	7	1	102	80	22	—	—
Breakdowns not reported	362	286	6	1	69	54	4	10	1
Sewage Disposal Breakdowns									
With public sewer	72 444	57 882	673	267	13 622	12 212	1 173	150	86
No breakdowns in last 3 months	71 262	56 865	667	264	13 485	12 093	1 136	150	86
With breakdowns in last 3 months	1 182	1 017	6	3	156	120	37	—	—
No breakdowns lasting 6 hours or more	392	347	2	—	43	37	6	—	—
1 time lasting 6 hours or more	593	492	2	3	96	67	29	—	—
2 times	82	67	—	—	15	15	—	—	—
3 times	58	53	—	—	2	—	—	—	—
4 times or more	59	58	1	—	—	—	—	—	—
With septic tank or cesspool	20 564	14 059	162	22	6 321	4 368	1 816	124	13
No breakdowns in last 3 months	20 130	13 735	159	21	6 216	4 299	1 780	124	13
With breakdowns in last 3 months	434	325	3	1	105	69	36	—	—
No breakdowns lasting 6 hours or more	128	92	1	—	34	20	14	—	—
1 time lasting 6 hours or more	259	202	2	1	54	41	13	—	—
2 times	25	19	—	—	5	2	4	—	—
3 times	8	—	—	—	8	5	2	—	—
4 times or more	14	11	—	—	4	2	2	—	—
Heating Problems									
With heating equipment and occupied last winter	82 308	64 671	665	251	16 721	13 867	2 583	208	64
Not uncomfortably cold for 24 hours or more last winter	76 548	59 955	589	229	15 775	13 171	2 352	190	62
Uncomfortably cold for 24 hours or more last winter ¹	5 585	4 557	76	22	910	670	223	15	2
Equipment breakdowns	1 825	1 535	19	8	265	178	81	6	—
No breakdowns lasting 6 hours or more	1 114	91	4	—	19	7	12	—	—
1 time lasting 6 hours or more	1 008	834	3	5	166	119	42	6	—
2 times	254	215	5	—	34	23	11	—	—
3 times	138	117	—	1	21	18	2	—	—
4 times or more	206	184	6	—	16	8	10	—	—
Number of times not reported	103	95	—	—	9	6	3	—	—
Other causes	4 004	3 243	60	18	682	515	152	13	2
Utility interruption	1 119	815	11	4	289	227	56	5	—
Inadequate heating capacity	871	763	16	2	90	65	21	4	—
Inadequate insulation	562	489	10	6	58	48	9	—	—
Other	1 307	1 062	19	6	220	159	62	—	—
Not reported	144	115	4	—	24	16	5	4	—
Reason for discomfort not reported	20	19	—	—	1	—	1	—	—
Discomfort not reported	195	158	—	—	37	26	8	2	—
Electric Fuses and Circuit Breakers									
With electrical wiring	93 115	72 036	836	289	19 953	16 579	2 997	278	99
No fuses or breakers blown in last 3 mo.	79 869	61 355	705	230	17 579	14 684	2 545	252	98
With fuses or breakers blown in last 3 mo.	12 281	9 977	125	52	2 126	1 688	423	15	—
1 time	6 060	4 866	49	20	1 124	912	207	5	—
2 times	2 591	2 121	26	18	426	344	78	4	—
3 times	1 142	953	15	7	168	127	35	5	—
4 times or more	1 608	1 344	17	5	241	155	84	1	—
Number of times not reported	880	692	17	1	189	149	20	—	—
Problem not reported or don't know	964	704	5	7	248	208	26	11	1

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	93 148	72 054	838	289	19 968	16 594	2 997	278	99
Selected Amenities¹									
Porch, deck, balcony, or patio	71 149	54 168	506	211	16 266	13 972	2 113	154	27
Not reported	184	153	1	—	39	23	11	—	5
Telephone available	87 540	67 849	666	274	18 751	15 837	2 589	227	98
Usable fireplace	28 652	20 886	119	66	7 578	7 384	162	28	4
Separate dining room	42 205	33 542	232	183	8 248	7 614	561	68	7
With 2 or more living rooms or recreation rooms, etc.	29 743	23 783	132	127	5 701	5 340	315	41	5
Garage or carport included with home	54 235	43 069	231	137	10 799	10 035	645	102	17
Not included	38 746	28 652	600	153	9 140	6 531	2 352	176	82
Offstreet parking included	29 598	20 787	401	94	8 306	5 958	2 134	146	68
Offstreet parking not reported	379	303	5	—	71	49	—	2	2
Garage or carport not reported	167	133	5	—	29	29	17	—	1
Cars and Trucks Available¹									
No cars, trucks, or vans	9 962	8 550	213	46	1 152	742	319	36	55
Other households without cars	4 870	3 532	56	18	1 264	880	338	41	5
1 car with or without trucks or vans	45 247	34 810	391	107	9 939	8 125	1 668	120	27
2 cars	26 195	19 701	138	88	6 268	5 604	609	46	9
3 or more cars	6 874	5 461	37	30	1 345	1 244	62	36	3
With cars, no trucks or vans	52 216	40 470	451	144	11 150	9 659	1 325	131	35
1 truck or van with or without cars	25 300	18 826	156	53	6 235	5 095	1 048	87	6
2 or more trucks or vans	5 670	4 208	15	17	1 430	1 096	304	25	3
Owner or Manager on Property									
Rental, multiunit ²	23 693	17 991	836	90	4 776	4 628	13	86	50
Owner or manager lives on property	7 585	5 533	173	10	1 869	1 820	—	32	17
Neither owner nor manager lives on property	12 595	9 873	413	41	2 269	2 178	12	46	33
Not reported	3 512	2 585	250	40	638	630	—	8	—
Selected Deficiencies¹									
Signs of rats in last 3 months	3 293	2 635	53	26	579	315	249	9	5
Holes in floors	1 091	883	16	7	186	69	114	4	—
Open cracks or holes (interior)	4 529	3 913	54	26	536	352	167	16	—
Broken plaster or peeling paint (interior)	3 748	3 400	32	18	298	181	93	24	—
No electrical wiring	33	18	—	—	15	15	—	—	—
Exposed wiring	1 435	1 181	29	9	216	138	65	9	4
Rooms without electric outlets	1 590	1 375	23	5	187	109	68	10	—
Water Leakage During Last 12 Months									
No leakage from inside structure	82 085	63 275	738	239	17 833	14 894	2 614	236	88
With leakage from inside structure ¹	10 914	8 684	98	50	2 102	1 669	383	40	10
Fixtures backed up or overflowed	3 488	2 743	36	17	692	559	126	7	—
Pipes leaked	5 327	4 334	54	29	911	650	221	29	10
Other or unknown (includes not reported)	2 441	1 887	8	5	541	482	54	5	—
Interior leakage not reported	149	115	—	—	34	31	—	2	1
No leakage from outside structure	78 309	59 931	697	217	17 464	14 678	2 451	244	91
With leakage from outside structure ¹	14 590	11 936	133	72	2 449	1 867	543	32	7
Roof	6 286	5 015	73	32	1 167	740	410	12	5
Basement	4 947	4 562	26	27	332	328	—	2	2
Walls, closed windows, or doors	2 332	1 602	22	9	699	549	131	14	5
Other or unknown (includes not reported)	1 762	1 360	15	6	381	337	40	4	—
Exterior leakage not reported	248	187	6	1	55	49	3	2	1
Overall Opinion of Structure									
1 (worst)	589	496	7	4	81	51	31	—	—
2	371	311	7	1	52	24	28	—	—
3	620	506	13	—	100	50	50	—	—
4	1 070	880	20	5	165	86	68	7	4
5	6 272	5 149	86	19	1 018	583	402	23	9
6	4 593	3 814	52	11	716	478	209	18	11
7	10 675	8 572	114	45	1 945	1 525	397	18	5
8	22 560	17 761	226	84	4 489	3 761	658	31	39
9	13 713	10 382	108	41	3 182	2 830	292	55	5
10 (best)	31 929	23 552	197	79	8 102	7 119	833	124	28
Not reported	757	631	7	—	119	87	28	3	1
Selected Physical Problems									
Severe physical problems ¹	2 735	2 077	89	9	559	392	143	7	17
Plumbing	2 160	1 601	79	6	475	364	91	7	13
Heating	345	301	6	1	37	24	13	—	—
Electric	71	46	—	—	25	15	6	—	4
Upkeep	224	183	3	3	35	2	34	—	—
Hallways	—	—	—	—	—	—	—	—	—
Moderate physical problems ¹	4 413	3 755	49	25	584	276	254	27	27
Plumbing	281	232	3	1	45	32	12	2	—
Heating	1 944	1 666	10	11	258	84	155	20	—
Upkeep	1 854	1 646	22	15	171	89	76	6	—
Hallways	44	37	4	—	2	—	—	—	—
Kitchen	534	390	15	1	128	80	20	1	27

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

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

Table 2-8. Neighborhood—Occupied Units

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	93 148	72 054	636	289	19 968	16 594	2 997	278	99
Overall Opinion of Neighborhood									
1 (worst)	1 453	1 245	28	7	174	120	51	-	3
2	819	681	8	6	124	69	43	8	5
3	1 262	1 021	15	5	221	163	42	16	-
4	1 645	1 320	24	9	293	211	79	2	-
5	7 274	5 987	63	19	1 205	930	237	20	18
6	4 893	3 968	60	24	841	703	120	9	9
7	10 043	8 022	109	33	1 879	1 625	220	23	10
8	20 301	15 816	190	79	4 217	3 651	484	57	24
9	13 039	9 946	127	32	2 834	2 605	304	24	1
10 (best)	30 720	22 778	194	71	7 677	6 254	1 282	112	29
No neighborhood	677	425	9	-	243	152	86	5	-
Not reported	1 022	847	9	4	162	111	48	3	1
Neighborhood Conditions									
With neighborhood	91 448	70 783	818	285	19 563	16 332	2 862	271	98
No problems	56 629	43 424	501	144	12 560	10 339	1 974	191	56
With problems ¹	34 510	27 152	314	141	6 904	5 910	872	79	43
Crime	6 577	5 437	87	45	1 008	839	140	10	19
Noise	6 907	5 616	89	27	1 175	1 005	139	22	9
Traffic	6 719	5 618	74	24	1 003	864	107	21	11
Litter or housing deterioration	4 146	3 564	37	15	531	442	79	-	10
Poor city or county services	1 487	1 182	14	4	288	249	33	-	5
Undesirable commercial, institutional, industrial,	1 584	1 319	15	10	240	195	36	4	5
People	11 337	8 907	96	53	2 280	1 832	378	43	29
Other	8 398	6 139	42	25	2 192	1 912	270	5	5
Type of problem not reported	612	438	4	1	169	149	19	2	-
Presence of problems not reported	309	206	3	1	99	82	16	1	-
Description of Area Within 300 Feet¹									
Single-family detached houses	8 145	6 425	580	44	1 098	1 039	3	25	28
Only single-family detached	-	-	-	-	-	-	-	-	-
Single-family attached or 1 to 3 story multiunit	15 728	11 846	335	53	3 493	3 418	10	36	29
4 to 6 story multiunit	3 782	3 297	71	22	392	349	9	17	17
7 stories or more multiunit	2 027	1 857	21	11	139	122	2	15	17
Mobile homes	223	152	24	-	47	45	-	2	-
Commercial, institutional, or industrial	6 977	5 689	274	36	979	905	-	38	36
Residential parking lots	5 870	4 203	44	18	1 605	1 557	7	14	27
Body of water	837	570	29	2	238	230	-	6	-
Open space, park, farm, or ranch	4 231	2 903	142	17	1 169	1 131	2	33	3
4+ lane highway, railroad, or airport	2 633	2 023	72	14	524	491	9	13	11
Other	1 117	855	71	6	185	174	3	8	8
Not observed or not reported	2 416	1 797	92	2	526	513	-	12	-
Age of Other Residential Buildings Within 300 Feet									
Older	1 392	856	12	3	521	504	3	10	4
About the same	15 529	11 882	553	64	3 031	2 970	-	39	21
Newer	439	354	38	2	46	44	-	1	-
Very mixed	3 189	2 602	104	19	464	411	9	19	25
No other residential buildings	646	439	30	1	176	172	-	4	-
Not reported	2 487	1 857	90	2	538	526	-	12	-
Mobile Homes In Group									
Mobile homes	6 518	1 567	-	1	4 950	2 097	2 853	-	-
1 to 6	4 237	796	-	1	3 438	1 422	2 016	-	-
7 to 20	419	91	-	-	328	125	203	-	-
21 or more	1 850	678	-	-	1 171	550	621	-	-
Not reported	13	-	-	-	13	-	13	-	-
Other Buildings Vandalized or With Interior Exposed									
None	19 600	14 887	658	83	3 972	3 854	13	71	35
1 building	358	311	18	1	28	24	-	-	4
More than 1 building	624	549	22	4	48	37	-	-	11
No buildings within 300 feet	338	198	20	1	122	119	-	3	-
Not reported	2 762	2 045	109	2	606	594	-	12	-
Bars on Windows of Buildings									
With other buildings within 300 feet	20 582	15 748	698	88	4 048	3 914	13	71	50
No bars on windows	17 236	12 798	609	63	3 765	3 666	11	54	34
1 building with bars	594	499	20	6	88	58	2	8	-
2 or more buildings with bars	2 813	2 348	83	17	185	162	-	7	18
Not reported	139	103	5	1	30	28	-	2	-
Condition of Streets									
No repairs needed	15 927	11 780	538	81	3 548	3 440	9	57	43
Minor repairs needed	4 572	3 845	182	24	521	501	4	15	1
Major repairs needed	435	370	12	2	50	45	-	1	5
No streets within 300 feet	289	177	4	1	108	107	-	1	-
Not reported	2 458	1 818	90	3	548	535	-	14	-
Trash, Litter, or Junk on Streets or any Properties									
None	15 231	11 028	512	62	3 631	3 543	12	48	27
Minor accumulation	5 511	4 728	206	22	555	523	-	20	11
Major accumulation	507	431	19	2	55	39	-	4	12
Not reported	2 433	1 804	90	4	535	522	-	14	-

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

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

Table 2-9. Household Composition—Occupied Units

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Population in housing units -----	243 707	187 109	1 758	991	63 849	45 210	7 729	715	196
Total -----	93 148	72 054	838	289	19 968	16 594	2 997	278	99
Persons									
1 person -----	22 523	17 880	348	45	4 249	3 274	816	113	46
2 persons -----	30 328	23 602	249	54	6 423	5 450	894	48	31
3 persons -----	16 318	12 468	125	56	3 669	3 085	539	29	5
4 persons -----	14 178	10 581	74	63	3 459	2 970	421	53	14
5 persons -----	6 291	4 730	18	32	1 512	1 298	195	19	--
6 persons -----	2 147	1 699	13	19	418	321	89	4	2
7 persons or more -----	1 368	1 056	9	20	241	186	42	13	--
Median -----	2.3	2.3	1.8	3.3	2.4	2.4	2.3	2.1	1.6
Number of Single Children Under 18 Years Old									
None -----	58 680	46 681	590	142	11 248	9 245	1 755	161	87
1 -----	14 478	10 891	114	49	3 624	3 021	555	48	--
2 -----	12 640	9 181	92	47	3 321	2 861	415	35	9
3 -----	5 179	3 786	26	35	1 332	1 135	168	31	--
4 -----	1 530	1 172	4	8	348	263	78	4	2
5 -----	450	363	7	10	70	49	21	--	--
6 or more -----	211	181	2	1	26	19	7	--	--
Median -----	.5	.5	.5	.8	.5	.5	.5	.5	.5
Persons 65 Years Old and Over									
None -----	70 228	52 316	709	234	16 969	14 318	2 353	222	75
1 person -----	15 265	13 086	95	39	2 044	1 494	472	54	24
2 persons or more -----	7 654	6 652	32	16	955	782	171	2	--
Age of Householder									
Under 25 years -----	4 459	3 135	101	17	1 205	965	204	29	7
25 to 29 -----	8 426	5 623	142	16	2 645	2 231	381	28	5
30 to 34 -----	11 049	7 599	131	34	3 285	2 870	362	42	12
35 to 44 -----	21 005	15 465	144	89	5 307	4 605	610	68	24
45 to 54 -----	14 847	11 729	109	57	2 952	2 429	480	25	18
55 to 64 -----	12 221	10 199	90	35	1 897	1 496	350	40	11
65 to 74 -----	11 998	10 336	55	17	1 587	1 210	340	34	4
75 years and over -----	9 145	7 969	63	24	1 089	787	270	13	19
Median -----	46	49	38	44	40	40	44	41	46
Household Composition by Age of Householder									
2-or-more person households -----	70 824	54 174	487	244	15 719	13 320	2 180	186	53
Married-couple families, no nonrelatives -----	50 006	38 134	225	178	11 472	9 852	1 477	123	20
Under 25 years -----	1 349	887	22	4	435	326	98	12	--
25 to 29 years -----	4 085	2 802	34	9	1 439	1 219	218	4	--
30 to 34 years -----	6 386	4 255	38	23	2 071	1 850	198	17	6
35 to 44 years -----	12 546	9 036	46	62	3 402	2 991	366	43	2
45 to 64 years -----	16 667	13 546	59	61	3 001	2 559	394	38	11
65 years and over -----	8 974	7 808	28	18	1 122	908	206	8	--
Other male householder -----	7 345	5 515	93	22	1 714	1 421	262	15	17
Under 45 years -----	4 735	3 396	70	17	1 251	1 041	186	13	11
45 to 64 years -----	1 780	1 408	12	3	357	290	58	2	7
65 years and over -----	830	712	11	1	107	89	--	--	--
Other female householder -----	13 273	10 524	170	48	2 534	2 048	442	28	16
Under 45 years -----	7 905	5 920	124	24	1 836	1 544	255	27	11
45 to 64 years -----	3 391	2 819	39	18	518	382	130	--	5
65 years and over -----	1 976	1 784	6	6	179	122	57	1	--
1-person households -----	22 523	17 880	348	45	4 249	3 274	816	113	46
Male householder -----	8 908	6 857	188	18	1 845	1 389	366	73	18
Under 45 years -----	4 673	3 410	120	9	1 135	920	176	35	4
45 to 64 years -----	2 218	1 703	50	7	459	308	119	25	6
65 years and over -----	2 016	1 744	18	3	251	161	71	12	7
Female householder -----	13 615	11 024	161	27	2 404	1 884	451	40	28
Under 45 years -----	3 260	2 315	65	9	872	782	63	14	13
45 to 64 years -----	3 012	2 452	40	6	514	385	129	--	--
65 years and over -----	7 344	6 257	56	13	1 017	717	259	26	15
Adults and Single Children Under 18 Years Old									
Total households with children -----	34 487	25 374	248	148	8 720	7 349	1 242	118	12
Married couples -----	24 224	17 457	125	109	6 533	5 627	810	84	12
One child under 6 only -----	3 900	2 819	45	17	1 218	1 081	122	16	--
One under 6, one or more 6 to 17 -----	4 300	2 952	15	25	1 309	1 136	141	27	5
Two or more under 6 only -----	2 399	1 627	24	11	737	647	90	--	--
Two or more under 6, one or more 6 to 17 -----	1 322	966	7	11	337	290	42	5	--
One or more 6 to 17 only -----	12 303	9 292	34	46	2 931	2 473	415	37	7
Other households with two or more adults -----	4 679	3 701	34	26	919	711	193	15	--
One child under 6 only -----	931	714	6	5	205	166	37	2	--
One under 6, one or more 6 to 17 -----	630	518	9	3	100	82	18	--	--
Two or more under 6 only -----	380	262	9	--	109	94	10	4	--
Two or more under 6, one or more 6 to 17 -----	291	221	2	3	65	47	18	--	--
One or more 6 to 17 only -----	2 448	1 866	7	15	440	323	109	8	--
Households with one adult or none -----	5 584	4 218	87	13	1 289	1 011	239	18	--
One child under 6 only -----	808	590	21	1	195	182	30	3	--
One under 6, one or more 6 to 17 -----	882	665	18	2	177	137	40	--	--
Two or more under 6 only -----	382	292	6	--	83	55	24	5	--
Two or more under 6, one or more 6 to 17 -----	278	227	5	3	43	21	22	--	--
One or more 6 to 17 only -----	3 254	2 441	36	7	770	637	124	8	--
Total households with no children -----	58 680	46 681	590	142	11 248	9 245	1 755	161	87
Married couples -----	26 184	20 967	102	69	5 048	4 324	675	39	8
Other households with two or more adults -----	9 859	7 838	140	27	1 956	1 650	264	9	33
Households with one adult -----	22 518	17 877	348	45	4 248	3 271	818	113	46

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
Own Never Married Children Under 18 Years Old										
No own children under 18 years	61 879	49 173	603	160	11 744	9 617	1 860	180	87	
With own children under 18 years	31 469	22 882	233	130	8 225	6 977	1 137	99	12	
Under 6 years only	7 739	5 264	108	31	2 336	2 030	291	15	7	
1	4 818	3 269	71	19	1 459	1 288	164	7	—	
2	2 487	1 708	32	7	740	639	99	2	—	
3 or more	434	287	6	5	136	103	28	—	—	
6 to 17 years only	17 035	12 876	82	60	4 018	3 329	630	52	7	
1	8 227	6 248	47	22	1 912	1 548	340	23	—	
2	6 281	4 701	30	22	1 529	1 291	206	26	7	
3 or more	2 527	1 929	5	16	577	491	84	7	—	
Both age groups	6 694	4 742	43	39	1 871	1 618	218	32	5	
2	3 096	2 112	22	15	948	849	89	7	2	
3 or more	3 598	2 630	21	24	923	769	127	25	—	
Persons Other Than Spouse or Children¹										
With other relatives	21 074	17 337	115	104	3 518	2 687	572	49	11	
Single adult offspring 18 to 29	11 843	9 784	54	80	1 945	1 617	280	43	5	
Single adult offspring 30 years of age or over	3 295	2 980	13	18	284	183	100	2	—	
Households with three generations	2 220	1 854	9	15	341	251	73	17	—	
Households with 1 subfamily	2 218	1 848	10	13	350	257	79	14	—	
Subfamily householder age under 30	1 254	1 007	9	6	233	161	58	14	—	
30 to 64	858	769	1	6	82	63	19	—	—	
65 and over	106	70	—	—	35	33	2	—	—	
Households with 2 or more subfamilies	99	77	1	—	22	20	2	—	—	
Households with other types of relatives	7 165	5 690	48	36	1 392	1 166	211	9	5	
With non-relatives	6 335	4 675	112	20	1 527	1 288	196	15	28	
Co-owners or co-renters	2 909	2 117	60	8	723	630	52	14	—	
Lodgers	943	702	18	2	224	203	21	—	28	
Unrelated children, under 18 years old	866	671	8	5	183	124	56	2	—	
Other non-relatives	2 397	1 774	32	9	583	461	122	—	—	
One or more secondary families	600	458	2	4	137	87	47	—	—	
2-person households, none related to each other	3 428	2 477	74	4	874	762	82	7	23	
3-8 person households, none related to each other	629	495	11	5	118	105	5	3	5	
Years of School Completed by Householder										
No school years completed	344	281	2	3	58	36	17	—	5	
Elementary:										
less than 8 years	4 548	3 793	41	20	694	373	297	13	11	
8 years	4 273	3 613	26	10	624	377	235	10	2	
High School:										
1 to 3 years	10 229	8 244	106	26	1 852	1 179	608	43	22	
4 years	33 310	25 804	370	91	7 045	5 590	1 307	119	30	
College:										
1 to 3 years	17 968	13 700	149	61	4 058	3 627	388	25	19	
4 years or more	22 476	16 619	141	78	5 638	5 413	146	69	10	
Median	12.8	12.8	12.7	12.8	13.0	13.7	12.3	12.6	12.3	
Year Householder Moved Into Unit										
1990 to 1994	23 700	15 820	282	51	7 548	6 573	828	116	31	
1985 to 1989	28 950	17 943	187	74	8 745	7 533	1 083	91	38	
1980 to 1984	10 587	7 694	45	35	2 813	2 330	432	47	5	
1975 to 1979	9 498	9 041	43	23	391	78	266	19	—	
1970 to 1974	6 433	6 083	38	19	283	48	221	6	20	
1960 to 1969	8 151	7 960	41	26	124	28	91	—	5	
1950 to 1959	5 080	4 884	111	34	32	—	32	—	—	
1940 to 1949	1 910	1 787	85	28	11	8	4	—	—	
1939 or earlier	857	841	3	1	12	2	9	—	—	
Median	1981	1979	1975	1978	1988	1986	1985	1985	1985	
Household Moves and Formation in Last Year										
Total with a move in last year	19 373	13 228	296	58	5 792	4 977	664	115	35	
Household all moved here from one unit	13 069	8 569	223	35	4 242	3 658	482	83	19	
Householder of previous unit did not move here	2 677	1 865	78	6	728	623	80	16	8	
Householder of previous unit moved here	9 905	6 427	141	27	3 309	2 852	380	66	11	
Householder of previous unit not reported	487	277	4	1	205	183	22	—	—	
Household moved here from two or more units	2 348	1 580	40	6	722	653	38	21	11	
No previous householder moved here	614	440	14	1	159	139	11	4	5	
1 previous householder moved here	437	279	13	2	143	128	8	3	5	
2 or more previous householders moved here	1 071	712	13	2	344	312	19	13	—	
Previous householder(s) not reported	225	149	—	1	75	75	—	—	—	
Some already here, rest moved in	3 929	3 052	34	17	825	693	145	12	5	
No previous householder moved here	1 418	1 091	15	7	308	229	72	—	5	
1 or more previous householders moved here	1 891	1 491	4	6	379	309	58	12	—	
Previous householder(s) not reported	620	470	14	5	140	125	15	—	—	
Number of previous units not reported	29	26	—	—	3	3	—	—	—	

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

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

Table 2-10. Income Characteristics—Occupied Units

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	93 148	72 054	836	289	19 968	16 594	2 997	278	99
Household Income									
Less than \$5,000	5 293	4 206	72	17	997	615	343	28	11
\$5,000 to \$9,999	9 429	7 689	120	27	1 593	1 035	502	34	22
\$10,000 to \$14,999	8 744	6 986	126	23	1 609	1 030	534	28	16
\$15,000 to \$19,999	8 001	6 398	86	21	1 495	1 060	386	42	7
\$20,000 to \$24,999	8 112	6 330	77	23	1 683	1 282	383	16	2
\$25,000 to \$29,999	8 724	6 882	81	28	1 753	1 454	243	35	22
\$30,000 to \$34,999	6 649	5 122	44	17	1 466	1 042	187	5	—
\$35,000 to \$39,999	5 407	4 150	47	24	1 193	1 067	126	24	1
\$40,000 to \$49,999	9 258	6 990	74	23	2 171	1 586	155	39	9
\$50,000 to \$59,999	6 958	5 259	38	24	1 638	1 586	68	2	2
\$60,000 to \$79,999	8 054	5 939	33	36	2 045	2 005	27	6	5
\$80,000 to \$99,999	3 618	2 644	11	10	953	935	13	5	—
\$100,000 to \$119,999	1 908	1 367	6	10	523	500	17	6	—
\$120,000 or more	2 995	2 111	22	13	850	831	12	7	—
Median	29 009	26 219	20 910	31 519	32 914	37 630	16 549	22 267	14 929
As percent of poverty level:									
Less than 50 percent	4 654	3 678	60	22	895	589	281	23	1
50 to 99	7 877	6 316	99	26	1 436	868	517	30	21
100 to 149	9 694	7 635	137	30	1 893	1 257	567	44	25
150 to 199	9 190	7 349	89	33	1 718	1 217	467	29	5
200 percent or more	61 732	47 076	451	178	14 027	12 663	1 165	152	47
Income of Families and Primary Individuals									
Less than \$5,000	5 813	4 592	78	18	1 125	694	384	31	17
\$5,000 to \$9,999	9 826	7 996	137	32	1 661	1 076	508	39	38
\$10,000 to \$14,999	9 103	7 270	129	23	1 680	1 119	518	27	16
\$15,000 to \$19,999	8 229	6 560	83	21	1 566	1 133	393	38	2
\$20,000 to \$24,999	8 312	6 452	79	21	1 760	1 360	382	16	2
\$25,000 to \$29,999	8 886	6 964	82	29	1 811	1 521	240	33	18
\$30,000 to \$34,999	6 533	5 023	51	18	1 441	1 255	181	5	—
\$35,000 to \$39,999	5 191	4 006	44	16	1 126	986	115	24	—
\$40,000 to \$49,999	8 877	6 740	55	21	2 061	1 874	146	38	4
\$50,000 to \$59,999	6 578	4 969	35	24	1 550	1 483	64	2	2
\$60,000 to \$79,999	7 611	5 811	30	35	1 835	1 897	28	10	—
\$80,000 to \$99,999	3 444	2 509	11	11	913	899	9	5	—
\$100,000 to \$119,999	1 824	1 313	2	8	501	480	17	4	—
\$120,000 or more	2 920	2 048	22	13	837	818	12	7	—
Median	27 977	27 266	19 470	30 362	31 320	35 707	16 127	21 682	9 316
Income Sources of Families and Primary Individuals									
Wages and salaries	69 473	52 347	633	231	16 261	13 854	2 141	217	49
Wages and salaries were majority of income 2 or more people each earned over 20% of wages and salaries	61 977	46 332	562	215	14 867	12 718	1 912	190	48
Business, farm, or ranch	23 781	17 822	112	107	5 739	5 083	594	54	8
Social security or pensions	10 756	8 044	93	48	2 571	2 230	282	54	5
Interest or dividend(s)	28 795	24 363	182	67	4 183	3 192	876	70	46
Rental income	22 143	17 835	94	58	4 156	3 790	308	41	17
With lodger(s)	7 953	6 351	149	55	1 397	1 264	115	16	3
Welfare or SSI	943	702	16	2	224	202	21	—	—
Alimony or child support	6 233	5 028	113	30	1 063	657	365	13	28
Other	3 931	2 911	31	10	979	817	146	15	1
Other	8 994	6 877	93	26	1 998	1 590	388	18	4
Amount of Savings and Investments									
Income of \$25,000 or less	43 298	34 514	529	121	8 134	5 689	2 222	156	88
No savings or investments	20 802	16 207	314	67	4 215	2 696	1 390	80	49
\$25,000 or less	13 897	11 315	156	41	2 385	1 709	596	55	25
More than \$25,000	4 227	3 578	23	7	619	495	103	10	11
Not reported	4 371	3 414	36	6	916	768	134	10	3
Food Stamps									
Income of \$25,000 or less	43 298	34 514	529	121	8 134	5 689	2 222	156	88
Family members received food stamps	6 515	5 178	117	26	1 195	723	446	27	—
Did not receive food stamps	33 969	27 223	388	90	6 269	4 370	1 698	116	84
Not reported	2 814	2 114	25	6	670	576	78	13	3
Rent Reductions									
No subsidy or income reporting	27 424	21 224	554	85	5 561	4 597	770	129	64
Rent control	1 117	1 060	7	2	48	42	4	2	—
No rent control	26 278	20 138	547	82	5 508	4 551	767	127	64
Reduced by owner	1 725	1 420	60	9	236	134	64	30	7
Not reduced by owner	24 348	18 556	477	73	5 242	4 383	697	97	56
Owner reduction not reported	202	162	11	—	30	23	6	—	1
Rent control not reported	31	27	—	—	4	4	—	—	—
Owned by public housing authority	2 054	1 659	23	7	365	340	9	13	3
Other, Federal subsidy	1 541	1 148	14	5	374	338	22	12	1
Other, State or local subsidy	563	456	18	3	86	48	6	6	25
Other, income verification	449	374	7	—	68	68	—	—	—
Subsidy or income verification not reported	374	308	7	—	59	36	20	4	—

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

Table 2-11. Selected Housing Costs—Occupied Units

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	93 148	72 054	836	289	19 966	16 594	2 997	278	99
Monthly Housing Costs									
Less than \$100	2 091	1 473	8	3	607	292	303	11	1
\$100 to \$199	11 446	9 420	37	19	1 070	1 101	807	53	9
\$200 to \$249	6 106	5 119	64	7	915	595	296	11	13
\$250 to \$299	5 815	4 855	58	15	858	594	258	36	—
\$300 to \$349	5 650	4 681	61	19	889	558	305	27	—
\$350 to \$399	5 446	4 448	58	19	921	640	269	6	7
\$400 to \$449	5 382	4 305	58	17	1 002	787	186	29	1
\$450 to \$499	5 060	4 069	50	12	948	620	113	13	2
\$500 to \$599	8 701	6 840	113	24	1 724	1 588	111	18	7
\$600 to \$699	6 910	5 299	52	29	1 531	1 432	50	13	—
\$700 to \$799	5 284	3 993	49	20	1 222	1 190	24	18	36
\$800 to \$999	6 914	5 039	62	27	1 787	1 749	35	5	2
\$1,000 to \$1,249	4 390	2 849	32	20	1 488	1 480	19	2	4
\$1,250 to \$1,499	2 439	1 578	26	13	822	816	6	5	—
\$1,500 or more	3 988	2 434	12	19	1 523	1 508	15	—	—
No cash rent	2 348	1 840	60	7	440	208	128	32	17
Mortgage payment not reported	5 159	3 812	37	19	1 291	1 202	71	18	—
Median (excludes no cash rent)	459	437	476	585	557	641	249	306	603
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	474	445	639	692	617	764	218	294	—
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	220	192	256	368	362	502	100	176	—
Monthly Housing Costs as Percent of Current Income									
Less than 5 percent	2 817	2 149	8	9	652	448	181	23	—
5 to 9 percent	9 938	8 148	39	25	1 727	1 218	472	37	1
10 to 14 percent	12 500	10 160	57	31	2 252	1 781	408	50	3
15 to 19 percent	13 382	10 453	74	40	2 816	2 401	391	13	11
20 to 24 percent	11 184	8 294	103	32	2 755	2 438	282	33	2
25 to 29 percent	9 093	6 764	84	25	2 221	2 010	195	10	6
30 to 34 percent	6 185	4 540	73	19	1 553	1 367	153	20	13
35 to 39 percent	4 187	3 142	62	13	950	797	143	5	5
40 to 49 percent	5 120	3 871	74	23	1 152	969	173	6	3
50 to 59 percent	2 854	2 266	44	8	515	438	72	1	5
60 to 69 percent	1 765	1 374	33	5	354	284	55	9	5
70 to 99 percent	2 543	2 011	28	15	489	366	97	6	19
100 percent or more	3 122	2 454	45	16	607	470	119	9	9
Zero or negative income	872	1 759	16	2	195	132	57	5	—
No cash rent	2 348	1 840	60	7	440	284	128	32	17
Mortgage payment not reported	5 159	3 812	37	19	1 291	1 202	71	18	—
Median (excludes 3 previous lines)	22	21	30	24	23	23	19	16	42
Median (excludes 4 lines before mediana)	21	20	28	23	22	23	18	15	36
Rent Paid by Lodgers									
Lodgers in housing units	943	702	16	2	224	203	21	—	—
Less than \$100 per month	46	38	—	—	7	5	2	—	—
\$100 to \$199	221	168	5	1	49	41	8	—	—
\$200 to \$299	264	213	4	2	46	46	—	—	—
\$300 to \$399	135	81	—	—	54	50	4	—	—
\$400 or more per month	156	114	7	—	38	32	3	—	—
Not reported	120	88	—	—	32	29	—	—	—
Median	255	247	—	—	287	290	—	—	—
Monthly Cost Paid for Electricity									
Electricity used	93 100	72 026	836	289	19 949	16 579	2 997	278	95
Less than \$25	9 591	8 012	92	15	1 472	1 165	251	50	6
\$25 to \$49	27 295	21 758	213	84	5 240	4 204	937	89	9
\$50 to \$74	21 108	15 909	128	61	5 009	4 247	720	37	6
\$75 to \$99	11 682	8 503	57	45	3 077	2 599	453	25	—
\$100 to \$149	9 079	6 393	33	20	2 633	2 378	244	13	—
\$150 to \$199	2 395	1 753	15	8	618	560	52	7	—
\$200 or more	1 119	762	10	4	342	295	37	9	—
Median	55	53	48	58	64	64	56	43	37
Included in rent, other fee, or obtained free	10 832	8 935	287	52	1 558	1 133	302	48	75
Monthly Cost Paid for Piped Gas									
Piped gas used	58 241	49 048	572	230	8 391	7 167	1 015	131	78
Less than \$25	14 083	11 368	107	38	2 570	2 185	346	32	7
\$25 to \$49	19 027	15 881	111	39	2 995	2 607	369	18	1
\$50 to \$74	9 361	8 160	47	39	1 115	1 007	94	15	—
\$75 to \$99	3 278	2 909	22	20	327	290	25	8	5
\$100 to \$149	1 534	1 347	17	24	148	131	10	5	—
\$150 to \$199	408	384	13	7	24	17	6	1	—
\$200 or more	348	285	6	5	49	39	9	—	—
Median	38	39	37	58	34	31	31	38	25
Included in rent, other fee, or obtained free	10 205	8 734	250	57	1 165	891	157	53	65

**SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980
AND SAME UNITS**
Table 2-11. Selected Housing Costs—Occupied Units—Con.

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New con- struction	Other sources		
							House or mobile home moved in	From nonresi- dential use	Other
OWNER OCCUPIED UNITS—Con.									
Condominium and Cooperative Fee									
Fee paid by owners	2 401	1 498	2	9	893	890	—	3	—
Less than \$25 per month	29	19	—	—	10	10	—	—	—
\$25 to \$49	77	55	1	—	21	21	—	—	—
\$50 to \$74	208	79	—	—	129	129	—	—	—
\$75 to \$99	334	155	—	—	178	178	—	—	—
\$100 to \$149	718	398	1	—	320	320	—	—	—
\$150 to \$199	365	261	—	1	103	103	—	—	—
\$200 or more per month	560	462	—	6	83	89	—	3	—
Not reported	110	68	—	2	40	40	—	—	—
Median	135	152	—	—	114	114	—	—	—
Other Housing Costs Per Month									
Homeowner association fee paid	2 069	1 230	2	3	834	831	—	3	—
Median	130	143	—	—	114	114	—	—	—
Mobile home park fee paid	212	97	—	—	116	52	64	—	—
Median	66	47	—	—	84	—	45	—	—
Land rent fee paid	80	72	2	—	7	4	—	3	—
Median	16	13	—	—	—	—	—	—	—

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

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

Table 3-1. Introductory Characteristics—Owner Occupied Units

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	60 742	46 885	212	189	13 458	11 187	2 169	114	6
Tenure									
Owner occupied	60 742	46 885	212	189	13 458	11 187	2 169	114	6
Percent of all occupied	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Renter occupied .....	...	...	...	...	...	...	...	...	...
Race and Origin									
White	54 903	42 283	190	157	12 272	10 188	1 958	111	6
Non-Hispanic	52 511	40 432	178	148	11 753	9 802	1 844	102	6
Hispanic	2 392	1 851	12	9	519	386	114	9	—
Black	4 418	3 832	13	26	748	573	175	—	—
Other	1 420	969	9	6	438	397	36	3	—
Total Hispanic	2 540	1 970	12	11	547	415	123	9	—
Units in Structure									
1, detached	49 286	41 149	—	137	8 000	7 777	113	103	6
1, attached	2 717	1 849	—	12	857	854	—	3	—
2 to 4	1 893	1 443	210	29	211	208	—	3	—
5 to 9	396	269	2	—	121	119	—	2	—
10 to 19	322	172	—	4	151	151	—	—	—
20 to 49	344	265	—	—	79	79	—	—	—
50 or more	516	431	—	7	77	74	—	3	—
Mobile home or trailer	5 269	1 306	—	1	3 962	1 906	2 056	—	—
Cooperatives and Condominiums									
Cooperatives	407	363	—	4	40	28	13	—	—
Condominiums	2 344	1 408	4	6	926	922	—	3	—
Year Structure Built¹									
1990 to 1994	1 562	—	—	—	1 562	1 562	—	—	—
1985 to 1989	5 252	—	—	—	5 252	5 252	—	—	—
1980 to 1984	4 680	249	—	—	4 411	4 353	58	—	—
1975 to 1979	7 201	6 266	11	9	915	—	858	51	6
1970 to 1974	6 283	5 558	14	7	704	—	697	6	1
1960 to 1969	9 890	9 498	23	15	456	—	451	4	—
1950 to 1959	9 415	9 252	51	29	82	—	73	9	—
1940 to 1949	4 845	4 769	28	29	19	—	13	6	—
1930 to 1939	3 528	3 331	81	91	26	—	7	18	—
1920 to 1929	2 884	2 864	2	—	18	—	4	13	—
1919 or earlier	5 121	5 098	3	8	12	—	6	6	—
Median	1964	1958	1947	1940	1984	1985	1974	1969	—
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	45 532	35 492	187	153	9 699	8 581	1 082	31	6
In central cities	14 480	12 515	70	95	1 799	1 692	103	4	1
Suburbs	31 052	22 978	116	58	7 900	6 889	979	27	5
Outside metropolitan statistical areas	15 210	11 392	25	36	3 757	2 587	1 087	83	1
Regions									
Northeast	11 906	10 071	102	78	1 655	1 562	90	4	—
Midwest	15 764	13 269	44	58	2 363	1 973	360	27	3
South	21 654	15 020	32	26	6 576	5 234	1 272	70	1
West	11 417	8 495	34	27	2 861	2 388	447	13	2
Urbanized Areas									
Inside urbanized areas	34 282	28 603	137	140	5 412	5 017	389	5	1
In central cities of (P)MSA's	14 190	12 317	69	95	1 710	1 602	103	4	1
Urban fringe	20 101	16 286	68	45	3 702	3 415	286	1	—
Outside urbanized areas	28 450	18 282	75	49	8 045	6 150	1 780	109	6
Other urban	7 062	6 319	23	28	1 291	1 089	193	9	—
Rural	18 789	11 963	52	20	6 754	5 061	1 587	100	6
Place Size²									
Less than 2,500 persons	3 203	2 743	17	8	435	292	128	15	—
2,500 to 9,999 persons	6 555	5 510	36	21	988	802	179	7	—
10,000 to 19,999 persons	5 788	5 048	16	23	707	620	84	3	—
20,000 to 49,999 persons	8 182	6 968	40	28	1 130	1 050	78	—	1
50,000 to 99,999 persons	4 848	4 218	4	12	616	565	51	—	—
100,000 to 249,999 persons	3 986	3 305	14	13	654	620	34	—	—
250,000 to 499,999 persons	2 455	2 180	11	13	252	231	17	4	—
500,000 to 999,999 persons	2 211	1 894	12	17	288	276	12	—	—
1,000,000 persons or more	2 540	2 354	18	39	128	112	16	—	—

¹For mobile home, oldest category is 1939 or earlier.

²Figures will not add to total, because all units are not in Places.

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	60 742	46 885	212	189	13 456	11 167	2 169	114	6
Stories in Structure									
1	270	182	17	--	71	70	--	1	--
2	930	582	86	6	256	254	--	2	--
3	1 240	955	86	16	181	179	--	2	--
4 to 6	629	507	14	10	99	98	--	--	--
7 or more	392	353	--	8	31	28	--	3	--
Not reported	10	2	9	--	--	--	--	--	--
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	3 190	2 397	188	40	567	560	--	8	--
None (on same floor)	1 293	961	115	20	197	194	--	2	--
1 (up or down)	709	533	40	8	128	126	--	2	--
2 or more (up or down)	783	619	9	11	145	145	--	--	--
Not reported	405	284	22	1	98	95	--	3	--
Common Stairways									
Multiunits, 2 or more floors	3 190	2 397	188	40	567	560	--	8	--
No common stairways	896	609	116	12	159	159	--	--	--
With common stairways	1 918	1 527	49	26	316	312	--	5	--
No loose steps	1 847	1 470	47	26	304	300	--	5	--
Railings not loose	1 659	1 323	35	24	277	272	--	5	--
Railings loose	34	23	--	--	11	11	--	--	--
No railings	120	98	10	2	11	11	--	--	--
Status of railings not reported	34	27	2	--	5	5	--	--	--
Loose steps	62	50	2	--	10	10	--	--	--
Railings not loose	39	31	--	--	8	8	--	--	--
Railings loose	13	12	2	--	--	--	--	--	--
No railings	5	5	--	--	--	--	--	--	--
Status of railings not reported	4	3	--	--	2	2	--	--	--
Status of steps not reported	9	7	--	--	2	2	--	--	--
Status of stairways not reported	376	260	22	2	92	89	--	3	--
Light Fixtures in Public Halls									
2 or more units in structure	3 460	2 578	204	40	638	630	--	8	--
No public halls	1 299	857	153	14	275	274	--	1	--
No light fixtures in public halls	3	--	2	--	1	--	--	1	--
All in working order	1 264	1 021	20	21	203	200	--	3	--
Some in working order	19	16	2	--	--	--	--	--	--
None in working order	3	2	--	1	--	--	--	--	--
Unable to determine if working	395	334	2	3	56	56	--	1	--
Not reported	478	348	25	2	104	100	--	3	--
Elevator on Floor									
Multiunits, 2 or more floors	3 190	2 397	186	40	567	560	--	8	--
With 1 or more elevators working	636	504	--	7	124	124	--	--	--
With elevator, none in working condition	27	25	--	--	2	2	--	--	--
No elevator	2 147	1 597	165	31	353	349	--	5	--
Units 3 or more floors from main entrance	60	53	--	1	6	6	--	--	--
Not reported	380	270	21	1	88	84	--	3	--
Foundation									
1 unit bldg. excl. mobile homes	52 002	42 998	--	148	8 656	8 631	113	106	6
With basement under all of building	19 509	16 783	--	85	2 641	2 597	19	21	3
With basement under part of building	6 699	5 949	--	32	718	707	6	3	2
With crawl space	12 346	10 570	--	19	1 757	1 656	59	42	1
On concrete slab	12 549	8 934	--	12	3 603	3 546	17	40	1
Other	897	761	--	1	135	122	12	--	1
Not reported	2	--	--	--	2	2	--	--	--
External Building Conditions¹									
Sagging roof	7	7	--	--	--	--	--	--	--
Missing roofing material	13	11	2	--	--	--	--	--	--
Hole in roof	5	5	--	--	--	--	--	--	--
Could not see roof	288	234	14	5	33	33	--	--	--
Missing bricks, siding, other outside wall material	19	12	8	--	--	--	--	--	--
Stopping outside walls	4	4	--	--	--	--	--	--	--
Boarded up windows	2	2	--	--	--	--	--	--	--
Broken windows	7	7	--	--	--	--	--	--	--
Bars on windows	56	50	2	1	3	3	--	--	--
Foundation crumbling or has open crack or hole	21	18	4	--	--	--	--	--	--
Could not see foundation	111	83	5	1	23	23	--	--	--
None of the above	2 529	1 888	149	33	459	454	--	5	--
Could not observe or not reported	561	392	32	1	138	133	--	3	--
Site Placement									
Mobile homes	5 269	1 306	--	1	3 962	1 906	2 056	--	--
First site	3 093	859	--	--	2 233	1 368	867	--	--
Moved from another site	1 522	249	--	--	1 272	422	850	--	--
Don't know	489	152	--	1	337	79	258	--	--
Not reported	165	46	--	--	119	39	80	--	--
Previous Occupancy									
Unit built 1980 or later	11 475	249	--	--	11 226	11 167	58	--	--
Not previously occupied	7 733	77	--	--	7 655	7 622	33	--	--
Not reported	679	82	--	--	797	790	7	--	--

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	60 742	46 885	212	189	13 456	11 167	2 169	114	6
Rooms									
1 room	40	36	-	-	4	3	-	-	1
2 rooms	54	50	-	-	4	-	3	1	-
3 rooms	935	686	19	4	226	112	99	13	2
4 rooms	6 693	4 341	39	11	2 303	1 374	903	26	-
5 rooms	13 883	10 533	56	12	3 281	2 525	737	16	3
6 rooms	15 818	12 770	38	34	2 976	2 661	284	31	-
7 rooms	10 998	8 895	32	39	1 933	1 851	82	-	-
8 rooms	6 915	5 397	19	35	1 465	1 419	37	9	-
9 rooms	3 136	2 343	6	21	765	731	23	12	-
10 rooms or more	2 270	1 734	3	33	500	492	2	6	-
Median	6.1	6.1	5.4	7.4	5.8	6.1	4.6	5.5	...
Bedrooms									
None	69	64	-	-	5	3	1	1	1
1	1 795	1 400	42	8	345	202	125	15	2
2	15 236	11 300	72	29	3 835	2 588	1 198	49	-
3	31 036	24 153	79	72	6 731	5 893	801	35	3
4 or more	12 607	9 967	20	79	2 540	2 481	44	15	-
Median	2.9	2.9	2.4	3.3	2.9	3.0	2.3	2.4	...
Complete Bathrooms									
None	202	167	-	-	35	21	13	-	-
1	20 822	17 876	136	37	2 774	1 531	1 206	34	3
1 and one-half	11 626	10 077	32	22	1 494	1 132	343	19	-
2 or more	28 093	18 765	44	130	9 154	8 482	607	61	3
Square Footage of Unit									
Single detached and mobile homes	54 555	42 456	-	138	11 961	9 683	2 169	103	6
Less than 500	410	224	-	-	186	40	143	-	3
500 to 749	1 776	1 123	-	5	648	134	514	-	-
750 to 999	4 584	2 973	-	1	1 811	886	707	17	-
1,000 to 1,499	12 515	9 904	-	15	2 595	2 130	434	28	3
1,500 to 1,999	11 699	9 535	-	15	2 149	2 012	119	18	-
2,000 to 2,499	8 800	7 073	-	12	1 515	1 459	43	13	-
2,500 to 2,999	4 652	3 767	-	9	877	851	7	8	-
3,000 to 3,999	4 254	3 352	-	9	893	882	11	8	-
4,000 or more	2 380	1 839	-	11	529	513	11	5	-
Not reported	3 686	2 666	-	61	959	765	178	15	1
Median	1 763	1 797	...	2 093	1 607	1 815	869	1 494	...
Lot Size									
Less than one-eighth acre	5 725	4 561	-	37	1 128	798	329	-	1
One-eighth up to one-quarter acre	11 534	9 719	-	35	1 780	1 605	161	14	-
One-quarter up to one-half acre	8 892	7 060	-	14	1 819	1 682	137	-	-
One-half up to one acre	6 274	4 781	-	9	1 483	1 260	214	9	-
1 to 4 acres	8 544	5 863	-	10	2 671	2 088	538	41	3
5 to 9 acres	1 381	857	-	2	521	386	135	-	-
10 acres or more	2 743	2 008	-	1	733	527	184	20	2
Don't know	10 960	8 766	-	41	2 154	1 696	439	18	1
Not reported	1 218	689	-	-	529	496	31	2	-
Median .....	.40	.36	...	.19	.61	.54	1.06	2.83	...
Persons Per Room									
0.50 or less	43 529	34 356	168	125	8 880	7 491	1 304	83	2
0.51 to 1.00	16 286	11 868	44	59	4 325	3 526	764	31	4
1.01 to 1.50	796	582	-	6	209	124	85	-	-
1.51 or more	120	78	-	-	42	26	16	-	-
Square Feet Per Person									
Single detached and mobile homes	54 555	42 456	-	138	11 961	9 683	2 169	103	6
Less than 200	1 274	807	-	3	464	184	279	-	1
200 to 299	3 189	2 158	-	2	1 008	849	349	8	2
300 to 399	5 080	3 699	-	10	1 371	1 045	312	15	-
400 to 499	5 828	4 150	-	10	1 468	1 159	294	12	3
500 to 599	5 032	3 853	-	11	1 187	990	177	-	-
600 to 699	4 973	3 941	-	9	1 023	868	135	-	-
700 to 799	4 249	3 339	-	7	904	741	151	11	-
800 to 899	3 276	2 583	-	2	692	604	84	4	-
900 to 999	2 907	2 286	-	1	621	528	88	5	-
1,000 to 1,499	8 504	7 065	-	17	1 422	1 313	87	22	-
1,500 or more	6 777	5 909	-	6	862	816	34	12	-
Not reported	3 686	2 666	-	61	959	765	178	15	1
Median	707	739	...	631	602	649	419	788	...

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	60 742	46 885	212	189	13 456	11 167	2 169	114	6
Equipment¹									
Lacking complete kitchen facilities	326	220	5	-	102	80	20	-	2
With complete kitchen (sink, refrigerator and burners)	60 416	46 865	208	189	13 354	11 087	2 149	114	4
Kitchen Sink	60 581	46 775	212	189	13 404	11 123	2 161	114	6
Refrigerator	60 660	46 838	210	189	13 423	11 144	2 159	114	6
Less than 5 years old	21 364	14 930	64	73	6 298	5 577	680	38	4
Age not reported	353	274	2	-	76	68	8	-	-
Burners and oven	60 631	46 796	210	189	13 436	11 151	2 166	114	4
Less than 5 years old	17 593	11 300	57	58	6 179	5 681	469	46	3
Age not reported	479	360	1	-	118	87	21	-	-
Burners only	38	36	-	-	2	2	-	-	-
Less than 5 years old	-	-	-	-	-	-	-	-	-
Age not reported	11	9	-	-	2	2	-	-	-
Oven only	34	23	-	-	11	7	2	-	2
Less than 5 years old	13	13	-	-	-	-	-	-	-
Age not reported	-	-	-	-	-	-	-	-	-
Neither burners nor oven	39	30	2	-	7	7	-	-	-
Dishwasher	35 804	28 135	107	90	9 472	8 901	515	52	3
Less than 5 years old	13 460	8 314	34	41	5 072	4 890	144	35	3
Age not reported	353	249	2	2	100	90	10	-	-
Washing machine	56 782	43 767	182	170	12 644	10 817	1 729	95	3
Less than 5 years old	20 067	14 187	60	54	5 766	5 039	687	37	3
Age not reported	371	296	-	1	74	65	9	-	-
Clothes dryer	53 043	40 579	165	151	12 149	10 567	1 484	95	3
Less than 5 years old	16 462	11 167	35	42	5 219	4 709	477	29	3
Age not reported	359	279	-	-	80	65	15	-	-
Disposal in kitchen sink	25 350	18 305	39	56	6 950	6 680	248	21	-
Less than 5 years old	10 616	6 452	15	30	4 119	4 025	83	11	-
Age not reported	403	313	-	2	87	84	4	-	-
Air conditioning:									
Central	28 834	19 949	41	36	8 808	8 040	710	54	3
1 room unit	9 836	6 285	43	31	1 477	814	650	13	1
2 room units	4 928	4 283	28	32	584	322	248	14	-
3 room units or more	2 097	1 985	12	21	78	46	31	1	-
Main Heating Equipment									
Warm-air furnace	36 049	27 807	95	72	8 076	6 665	1 361	45	6
Steam or hot water system	7 595	6 922	76	84	513	501	11	2	-
Electric heat pump	5 421	2 808	9	3	2 601	2 447	140	14	-
Built-in electric units	2 906	2 156	11	7	732	648	71	13	-
Floor, wall, or other built-in hot air units without ducts	1 991	1 896	4	3	87	42	44	1	-
Room heaters with flue	1 365	1 228	-	6	131	66	63	2	1
Room heaters without flue	1 193	984	2	4	202	72	122	8	-
Portable electric heaters	398	287	2	2	109	30	79	-	-
Stoves	2 049	1 436	7	5	601	382	194	26	-
Fireplaces with inserts	517	393	-	-	124	113	11	-	-
Fireplaces without inserts	308	228	-	-	80	73	7	-	-
Other	552	431	-	1	119	83	37	-	-
None	397	309	5	4	79	46	29	3	-
Other Heating Equipment									
With other heating equipment ¹	22 315	17 015	73	54	5 173	4 452	681	39	1
Warm-air furnace	1 150	756	-	3	391	263	119	8	-
Steam or hot water system	1 132	118	-	2	12	-	-	-	-
Electric heat pump	266	183	-	1	82	78	4	-	-
Built-in electric units	1 910	1 596	12	4	297	264	28	4	1
Floor, wall, or other built-in hot-air units without ducts	365	324	2	1	39	30	9	-	-
Room heaters with flue	737	592	5	2	138	75	60	3	-
Room heaters without flue	1 616	1 263	3	6	344	200	145	-	-
Portable electric heaters	4 151	3 521	20	12	597	412	179	6	-
Stoves	2 965	2 310	10	7	638	516	106	16	-
Fireplaces with inserts	3 543	2 558	7	9	970	937	29	4	-
Fireplaces with no inserts	7 758	5 680	25	15	2 038	1 996	40	1	-
Other	742	575	1	1	165	143	22	-	-
Plumbing²									
With all plumbing facilities	59 392	45 892	206	186	13 108	10 891	2 097	114	6
Lacking some plumbing facilities ¹	74	65	-	-	9	5	5	-	-
No hot piped water	22	17	-	-	5	-	5	-	-
No bathtub nor shower	56	54	-	-	2	-	2	-	-
No flush toilet	26	22	-	-	5	-	5	-	-
No plumbing facilities for exclusive use	1 276	928	6	3	339	272	67	-	-
Source of Water									
Public system or private company	50 355	39 642	183	174	10 356	8 915	1 375	61	6
Well serving 1 to 5 units	9 463	6 553	20	12	2 877	2 103	721	53	-
Drilled	8 214	5 848	17	9	2 539	1 896	597	46	-
Dug	931	670	3	1	257	152	102	3	-
Not reported	318	235	-	2	81	54	22	4	-
Other	924	689	9	3	223	150	73	-	-
Means of Sewage Disposal									
Public sewer	43 253	34 994	147	170	7 942	7 100	815	25	1
Septic tank, cesspool, chemical toilet	17 404	11 824	65	19	5 496	4 053	1 349	88	5
Other	84	67	-	-	18	14	4	-	-

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

²Data not up to publication standards; see "Qualifications of the Data" section in the Introduction.

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

Table 3-5. Fuels—Owner Occupied Units

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	60 742	46 885	212	189	13 456	11 167	2 169	114	6
Main House Heating Fuel									
Housing units with heating fuel	60 345	46 575	207	185	13 377	11 121	2 139	111	6
Electricity	13 198	7 818	27	13	5 340	4 683	619	38	-
Piped gas	32 488	27 308	110	121	4 948	4 347	570	31	1
Bottled gas	2 951	1 737	4	4	1 207	771	419	12	6
Fuel oil	7 397	6 701	54	42	600	464	134	2	-
Kerosene or other liquid fuel	643	359	2	1	282	144	135	2	-
Coal or coke	264	222	-	-	42	28	14	-	-
Wood	3 216	2 327	9	5	875	625	227	23	-
Solar energy	25	11	-	-	14	12	2	-	-
Other	162	93	-	-	69	47	20	3	-
Other House Heating Fuels									
With other heating fuels ¹	14 694	11 225	43	42	3 383	2 771	573	39	-
Electricity	4 276	3 436	22	20	797	574	202	21	-
Piped gas	624	482	-	2	140	110	30	-	-
Bottled gas	523	349	-	-	174	110	61	3	-
Fuel oil	494	435	2	1	55	39	16	-	-
Kerosene or other liquid fuel	1 246	942	5	4	295	168	127	-	-
Coal or coke	187	156	2	-	29	26	3	-	-
Wood	7 627	5 685	16	15	1 911	1 753	143	16	-
Solar energy	165	122	2	-	41	35	6	-	-
Other	204	161	-	2	41	35	7	-	-
Not reported	578	408	-	-	170	137	33	-	-
Cooking Fuel									
With cooking fuel	60 703	46 854	210	189	13 449	11 160	2 169	114	6
Electricity	36 650	27 539	108	73	8 929	7 864	983	79	3
Piped gas	20 245	17 131	87	108	2 919	2 365	542	11	1
Bottled gas	3 492	1 987	16	8	1 482	869	598	12	3
Kerosene or other liquid fuel	154	105	-	-	49	23	-	-	-
Coal or coke	6	6	-	-	-	-	25	-	-
Wood	38	26	-	-	12	12	-	-	-
Other	118	60	-	-	59	26	20	12	-
Water Heating Fuel									
With hot piped water	60 649	46 816	212	189	13 431	11 153	2 157	114	6
Electricity	21 884	14 611	56	25	7 192	5 741	1 375	76	-
Piped gas	32 418	27 267	116	130	4 905	4 444	438	23	1
Bottled gas	2 311	1 455	6	7	844	563	272	3	6
Fuel oil	3 417	3 049	32	24	311	280	30	-	-
Kerosene or other liquid fuel	141	76	-	1	64	35	28	-	-
Coal or coke	54	49	-	-	6	6	-	-	-
Wood	60	43	-	1	18	8	8	-	-
Solar energy	249	201	2	1	45	43	2	-	-
Other	115	66	-	1	49	33	4	12	-
Central Air Conditioning Fuel									
With central air conditioning	28 834	19 949	41	36	8 808	8 040	710	54	3
Electricity	26 540	18 095	41	34	8 370	7 625	688	54	3
Piped gas	2 060	1 672	-	1	406	384	22	-	-
Other	213	181	-	1	31	31	-	-	-
Clothes Dryer Fuel									
With clothes dryer	53 043	40 579	165	151	12 149	10 567	1 484	95	3
Electricity	39 472	29 134	108	94	10 136	8 729	1 339	68	-
Piped gas	12 798	10 924	53	53	1 768	1 662	93	12	-
Other	773	521	4	3	245	175	52	15	3
Units Using Each Fuel¹									
Electricity	60 711	46 869	212	189	13 441	11 152	2 169	114	6
All-electric units	10 746	6 137	18	8	4 585	4 068	481	35	-
Piped gas	37 329	31 347	126	154	5 702	5 024	646	32	1
Bottled gas	5 616	3 526	19	12	2 059	1 259	762	33	6
Fuel oil	8 798	7 872	67	47	812	606	204	2	-
Kerosene or other liquid fuel	1 978	1 377	7	5	589	319	268	2	-
Coal or coke	453	379	2	-	71	54	17	-	-
Wood	10 844	8 012	25	20	2 788	2 379	370	39	-
Solar energy	418	316	5	1	97	88	8	-	-
Other	496	336	-	3	156	105	37	14	-

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

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

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

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

Characteristics	Total housing units, 1991.	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	60 742	46 885	212	189	13 456	11 167	2 169	114	6
Water Supply Stoppage									
With hot and cold piped water	60 649	46 816	212	189	13 431	11 153	2 157	114	6
No stoppage in last 3 months	57 807	44 748	202	182	12 675	10 557	1 999	114	6
With stoppage in last 3 months	2 301	1 663	10	5	623	497	126	--	--
No stoppage lasting 6 hours or more	874	626	2	2	244	193	52	--	--
1 time lasting 6 hours or more	1 002	719	5	--	277	220	58	--	--
2 times	153	118	2	1	35	25	9	--	--
3 times	71	51	--	--	20	15	5	--	--
4 times or more	48	34	2	--	11	10	--	--	--
Number of times not reported	156	117	--	2	38	34	3	--	--
Stoppage not reported	541	405	--	3	133	100	32	--	1
Flush Toilet Breakdowns									
With one or more flush toilets	60 644	46 812	212	189	13 431	11 149	2 162	114	6
With at least one working toilet at all times in last 3 months	58 145	44 774	208	185	12 980	10 821	2 051	105	3
None working some time in last 3 months	2 303	1 884	7	4	409	295	110	1	3
No breakdowns lasting 6 hours or more	876	548	2	2	124	93	30	1	--
1 time lasting 6 hours or more	1 100	822	2	2	173	116	54	--	3
2 times	183	166	--	--	16	13	3	--	--
3 times	58	45	--	--	13	11	2	--	--
4 times or more	38	35	--	--	3	2	--	--	--
Number of times not reported	248	187	2	--	79	60	20	--	--
Breakdowns not reported	196	154	--	--	42	33	1	8	1
Sewage Disposal Breakdowns									
With public sewer	43 253	34 894	147	170	7 942	7 100	815	25	1
No breakdowns in last 3 months	42 827	34 437	145	168	7 878	7 053	798	25	1
With breakdowns in last 3 months	626	557	2	2	84	47	17	--	--
No breakdowns lasting 6 hours or more	224	213	--	--	11	9	2	--	--
1 time lasting 6 hours or more	334	280	2	2	49	34	15	--	--
2 times	23	19	--	--	4	4	--	--	--
3 times	27	27	--	--	--	--	--	--	--
4 times or more	18	18	--	--	--	--	--	--	--
With septic tank or cesspool	17 404	11 824	65	19	5 496	4 053	1 349	88	5
No breakdowns in last 3 months	17 101	11 610	64	19	5 409	3 987	1 329	88	5
With breakdowns in last 3 months	303	214	2	--	87	66	21	--	--
No breakdowns lasting 6 hours or more	87	68	--	--	29	20	10	--	--
1 time lasting 6 hours or more	182	135	2	--	45	40	6	--	--
2 times	11	7	--	--	4	--	4	--	--
3 times	5	--	--	--	5	--	--	--	--
4 times or more	8	4	--	--	4	2	--	--	--
Heating Problems									
With heating equipment and occupied last winter	57 794	45 037	200	176	12 382	10 243	2 030	103	6
Not uncomfortably cold for 24 hours or more last winter	54 782	42 715	184	167	11 696	9 738	1 855	98	6
Uncomfortably cold for 24 hours or more last winter ¹	2 918	2 234	16	9	659	484	170	5	--
Equipment breakdowns	880	688	5	2	185	122	61	2	--
No breakdowns lasting 6 hours or more	63	51	--	--	12	7	5	--	--
1 time lasting 6 hours or more	557	436	--	2	119	80	37	2	--
2 times	113	88	2	--	23	18	7	--	--
3 times	56	40	--	--	16	16	--	--	--
4 times or more	61	45	2	--	14	4	10	--	--
Number of times not reported	30	29	--	--	2	--	2	--	--
Other causes	2 125	1 808	12	8	499	379	114	5	--
Utility interruption	830	583	2	3	242	197	42	3	--
Inadequate heating capacity	339	276	--	2	61	40	18	2	--
Inadequate insulation	247	208	3	--	35	26	9	--	--
Other	651	489	6	3	152	111	41	--	--
Not reported	59	50	--	--	9	5	5	--	--
Reason for discomfort not reported	15	15	--	--	--	--	--	--	--
Discomfort not reported	114	88	--	--	27	22	5	--	--
Electric Fuses and Circuit Breakers									
With electrical wiring	60 714	46 872	212	189	13 441	11 152	2 169	114	6
No fuses or breakers blown in last 3 mo.	51 973	39 881	189	156	11 766	9 793	1 857	111	6
With fuses or breakers blown in last 3 mo.	8 272	6 664	23	31	1 554	1 258	295	1	--
1 time	4 363	3 482	8	18	856	703	153	--	--
2 times	1 749	1 429	8	7	304	248	56	--	--
3 times	713	599	--	4	110	91	--	--	--
4 times or more	903	734	2	2	164	111	53	1	--
Number of times not reported	544	419	5	1	119	105	15	--	--
Problem not reported or don't know	470	347	--	2	121	101	17	3	1

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	60 742	46 885	212	189	13 456	11 167	2 169	114	6
Selected Amenities¹									
Porch, deck, balcony, or patio	50 943	39 153	175	143	11 473	9 797	1 585	90	1
Not reported	117	93	—	—	24	17	7	—	—
Telephone available	59 055	45 771	204	187	12 893	10 813	1 969	105	6
Usable fireplace	24 603	18 348	81	52	6 142	5 981	141	20	—
Separate dining room	32 555	25 703	114	138	6 599	6 090	466	43	—
With 2 or more living rooms or recreation rooms, etc.	26 530	21 099	71	107	5 253	4 932	280	40	—
Garage or carport included with home	44 103	35 190	123	114	8 676	8 046	550	77	3
Not included	16 602	11 683	87	75	4 757	3 098	1 618	37	3
Offstreet parking included	13 570	9 190	75	42	4 284	2 783	1 442	37	3
Offstreet parking not reported	65	58	—	—	7	—	7	—	—
Garage or carport not reported	37	11	2	—	23	23	—	—	1
Cars and Trucks Available¹									
No cars, trucks, or vans	2 917	2 545	27	15	330	164	165	1	—
Other households without cars	3 149	2 280	15	14	840	589	234	15	2
1 car with or without trucks or vans	28 694	22 188	83	70	6 353	5 070	1 234	48	1
2 cars	20 044	15 125	57	67	4 793	4 294	482	17	—
3 or more cars	5 938	4 745	30	23	1 140	1 050	53	33	3
With cars, no trucks or vans	32 954	25 909	112	92	6 841	5 873	909	55	4
1 truck or van with or without cars	19 934	14 795	64	68	5 009	4 125	839	42	2
2 or more trucks or vans	4 936	3 635	9	16	1 276	1 005	255	16	—
Selected Deficiencies¹									
Signs of rats in last 3 months	1 560	1 135	9	12	404	237	167	—	—
Holes in floors	479	362	—	2	114	39	75	—	—
Open cracks or holes (interior)	1 988	1 668	12	11	307	192	115	—	—
Broken plaster or peeling paint (interior)	1 805	1 605	5	11	183	101	71	12	—
No electrical wiring	28	12	—	—	15	15	—	—	—
Exposed wiring	658	562	—	4	92	50	40	2	—
Rooms without electric outlets	803	676	4	1	122	70	52	—	—
Water Leakage During Last 12 Months									
No leakage from inside structure	55 069	42 519	195	154	12 201	10 186	1 908	102	6
With leakage from inside structure ¹	5 607	4 320	17	35	1 235	961	281	12	—
Fixtures backed up or overflowed	1 854	1 430	5	15	404	325	79	—	—
Pipes leaked	2 491	1 939	7	17	528	369	148	12	—
Other or unknown (includes not reported)	1 382	1 058	5	4	318	280	37	1	—
Interior leakage not reported	66	46	—	—	21	20	—	—	1
No leakage from outside structure	50 041	38 176	170	143	11 553	9 688	1 762	97	6
With leakage from outside structure ¹	10 580	8 625	41	45	1 869	1 445	407	17	—
Roof	4 295	3 365	22	15	893	583	309	1	—
Basement	4 161	3 832	11	21	297	296	—	1	—
Walls, closed windows, or doors	1 370	883	2	7	498	391	83	14	—
Other or unknown (includes not reported)	1 260	976	6	3	275	242	32	—	—
Exterior leakage not reported	121	83	1	1	35	34	—	—	1
Overall Opinion of Structure									
1 (worst)	162	109	—	1	52	27	25	—	—
2	83	79	—	—	14	4	9	—	—
3	194	153	2	—	39	14	24	—	—
4	317	251	5	2	59	23	33	—	—
5	2 760	2 207	12	5	537	272	264	1	—
6	2 081	1 691	11	2	377	236	138	2	—
7	5 661	4 516	14	31	1 100	813	284	3	—
8	14 487	11 672	57	60	2 897	2 201	488	9	—
9	9 966	7 681	42	29	2 213	1 938	240	34	—
10 (best)	24 576	18 168	70	59	6 279	5 569	643	61	6
Not reported	446	356	—	—	90	69	20	—	1
Selected Physical Problems									
Severe physical problems ¹	1 567	1 138	8	4	416	300	118	—	—
Plumbing	1 350	993	6	3	348	276	72	—	—
Heating	117	85	2	—	30	19	10	—	—
Electric	44	23	—	—	21	15	6	—	—
Upkeep	88	57	—	—	30	2	29	—	—
Hallways	—	—	—	—	—	—	—	—	—
Moderate physical problems ¹	2 137	1 741	11	10	375	195	169	8	2
Plumbing	91	75	—	—	16	13	2	—	—
Heating	1 123	934	2	4	182	70	103	8	—
Upkeep	810	680	6	6	118	68	52	—	—
Hallways	—	—	—	—	—	—	—	—	—
Kitchen	208	134	5	—	69	50	18	—	2

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

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

Table 3-8. Neighborhood—Owner Occupied Units

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	60 742	46 885	212	189	13 456	11 167	2 169	114	6
Overall Opinion of Neighborhood									
1 (worst)	565	457	4	1	103	58	46	-	-
2	265	229	-	4	33	18	11	3	-
3	467	394	-	1	72	47	22	3	-
4	745	587	-	5	153	84	70	-	-
5	3 882	3 199	14	12	657	492	164	1	-
6	2 602	2 145	9	18	430	339	88	4	-
7	5 920	4 785	24	27	1 083	915	167	1	-
8	13 466	10 649	59	52	2 706	2 341	335	30	-
9	9 318	7 149	42	24	2 102	1 884	226	13	-
10 (best)	22 448	16 562	56	43	5 787	4 791	931	60	6
No neighborhood	495	286	3	-	206	136	70	-	-
Not reported	569	443	-	2	124	84	40	-	1
Neighborhood Conditions									
With neighborhood	59 678	46 156	209	187	13 126	10 948	2 059	114	6
No problems	38 150	29 289	131	87	8 644	7 141	1 412	84	6
With problems ¹	21 331	16 741	78	100	4 411	3 746	637	29	-
Crime	2 752	2 291	5	24	432	337	94	-	-
Noise	3 340	2 728	18	16	579	472	100	7	-
Traffic	4 228	3 565	20	22	621	536	76	8	-
Litter or housing deterioration	2 851	2 478	7	11	356	293	63	-	-
Poor city or county services	1 021	769	8	3	241	215	27	-	-
Undesirable commercial, institutional, industrial	1 056	886	4	9	157	129	28	-	-
People	6 401	5 007	24	39	1 331	1 057	262	12	-
Other	5 974	4 353	10	19	1 591	1 395	195	1	-
Type of problem not reported	432	310	4	1	117	99	18	-	-
Presence of problems not reported	197	126	-	-	72	61	10	1	-
Description of Area Within 300 Feet¹									
Single-family detached houses	1 306	984	149	23	150	148	-	2	-
Only single-family detached	-	-	-	-	-	-	-	-	-
Single-family attached or 1 to 3 story multiunit	2 089	1 613	55	22	399	395	-	5	-
4 to 6 story multiunit	580	474	11	11	84	84	-	-	-
7 stories or more multiunit	375	350	2	5	18	18	-	-	-
Mobile homes	11	4	5	-	2	2	-	-	-
Commercial, institutional, or industrial	832	677	44	12	100	97	-	3	-
Residential parking lots	675	480	2	1	191	190	-	1	-
Body of water	196	125	13	2	56	54	-	2	-
Open space, park, farm, or ranch	617	404	40	8	165	164	-	1	-
4+ lane highway, railroad, or airport	329	241	20	7	60	59	-	1	-
Other	147	110	12	3	22	21	-	-	-
Not observed or not reported	456	322	26	1	106	103	-	3	-
Age of Other Residential Buildings Within 300 Feet									
Older	151	91	7	3	49	49	-	1	-
About the same	2 282	1 747	127	29	379	375	-	4	-
Newer	56	30	12	1	12	11	-	1	-
Very mixed	450	365	22	5	58	58	-	-	-
No other residential buildings	65	28	9	-	28	28	-	-	-
Not reported	456	317	26	1	112	109	-	3	-
Mobile Homes in Group									
Mobile homes	5 269	1 306	-	1	3 962	1 906	2 056	-	-
1 to 6	3 409	640	-	1	2 768	1 296	1 472	-	-
7 to 20	265	64	-	-	201	88	102	-	-
21 or more	1 583	602	-	-	980	511	469	-	-
Not reported	13	-	-	-	13	-	13	-	-
Other Buildings Vandalized or With Interior Exposed									
None	2 814	2 122	161	38	493	488	-	5	-
1 building	31	27	5	-	-	-	-	-	-
More than 1 building	71	71	-	1	-	-	-	-	-
No buildings within 300 feet	47	17	7	-	23	23	-	-	-
Not reported	497	343	31	1	123	119	-	3	-
Bars on Windows of Buildings									
With other buildings within 300 feet	2 917	2 219	166	39	493	488	-	5	-
No bars on windows	2 530	1 876	157	25	473	468	-	5	-
1 building with bars	67	63	-	2	2	2	-	-	-
2 or more buildings with bars	297	262	7	11	18	18	-	-	-
Not reported	22	18	2	1	-	-	-	-	-
Condition of Streets									
No repairs needed	2 333	1 712	144	26	451	447	-	4	-
Minor repairs needed	576	472	29	12	63	63	-	1	-
Major repairs needed	57	51	2	1	4	4	-	-	-
No streets within 300 feet	47	29	3	1	15	14	-	1	-
Not reported	448	315	26	1	106	103	-	3	-
Trash, Litter, or Junk on Streets or any Properties									
None	2 494	1 816	148	27	502	497	-	5	-
Minor accumulation	487	418	25	11	32	32	-	1	-
Major accumulation	35	32	4	-	-	-	-	-	-
Not reported	444	312	26	1	104	101	-	3	-

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

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

Table 3-9. Household Composition—Owner Occupied Units

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Population in housing units	165 610	125 501	464	670	38 975	33 073	5 599	289	13
Total	60 742	46 885	212	189	13 456	11 167	2 169	114	6
Persons									
1 person	11 414	9 327	66	19	2 000	1 382	568	48	3
2 persons	21 381	16 941	83	40	4 317	3 644	663	10	—
3 persons	10 797	8 107	27	34	2 629	2 214	399	13	3
4 persons	10 449	7 546	23	48	2 832	2 494	307	31	—
5 persons	4 378	3 136	8	24	1 210	1 053	146	11	—
6 persons	1 481	1 155	2	14	310	241	69	—	—
7 persons or more	841	673	—	11	157	140	18	—	—
Median	2.4	2.3	2.0	3.5	2.7	2.8	2.3	2.4	...
Number of Single Children Under 18 Years Old									
None	38 618	31 332	167	92	7 027	5 641	1 315	65	6
1	9 108	6 516	21	30	2 541	2 131	390	20	—
2	8 518	5 868	20	37	2 593	2 274	297	22	—
3	3 288	2 245	5	21	1 017	898	112	6	—
4	879	653	—	6	221	182	38	—	—
5	244	198	—	3	43	30	13	—	—
6 or more	87	72	—	—	15	11	4	—	—
Median .....	.5	.5	.5	.6	.5	.5	.5	.5	...
Persons 65 Years Old and Over									
None	42 983	31 349	153	154	11 328	9 627	1 614	81	6
1 person	10 893	9 615	44	22	1 312	882	399	31	1
2 persons or more	6 765	5 921	16	13	816	658	156	2	—
Age of Householder									
Under 25 years	687	383	4	—	300	208	92	—	—
25 to 29	3 181	1 860	13	6	1 302	1 095	205	2	—
30 to 34	5 792	3 586	12	27	2 166	1 932	216	17	1
35 to 44	13 793	9 695	34	56	4 009	3 534	451	23	—
45 to 54	11 125	8 774	45	43	2 263	1 873	373	12	5
55 to 64	9 846	8 212	49	30	1 556	1 214	306	36	—
65 to 74	9 705	8 474	31	12	1 189	879	291	18	1
75 years and over	6 833	5 921	25	14	873	432	235	6	—
Median	51	54	55	46	42	42	48	56	...
Household Composition by Age of Householder									
2-or-more person households	49 328	37 558	144	170	11 456	9 765	1 601	66	3
Married-couple families, no nonrelatives	39 542	29 951	97	139	9 355	8 117	1 172	63	3
Under 25 years	362	174	4	—	184	122	62	—	—
25 to 29 years	2 200	1 271	11	4	914	783	128	2	—
30 to 34 years	4 340	2 638	9	21	1 672	1 524	141	7	—
35 to 44 years	9 987	6 943	21	46	2 977	2 647	310	19	—
45 to 64 years	14 608	11 868	38	53	2 648	2 271	344	31	3
65 years and over	8 046	7 057	15	15	959	769	186	4	—
Other male householder	3 845	2 854	17	10	965	800	164	—	—
Under 45 years	1 869	1 255	3	6	608	506	100	—	—
45 to 64 years	1 296	1 017	8	3	268	221	47	—	—
65 years and over	680	582	6	1	91	74	17	—	—
Other female householder	5 940	4 753	30	21	1 136	868	265	3	—
Under 45 years	2 274	1 581	7	8	679	563	112	3	—
45 to 64 years	2 144	1 786	23	9	325	226	98	—	—
65 years and over	1 522	1 385	—	4	133	78	54	—	—
1-person households	11 414	9 327	68	19	2 000	1 382	568	48	3
Male householder	3 887	3 018	25	11	833	557	238	36	2
Under 45 years	1 482	1 053	6	4	418	323	84	10	1
45 to 64 years	1 123	859	12	6	247	140	88	17	2
65 years and over	1 283	1 107	7	1	168	94	65	9	—
Female householder	7 527	6 309	43	7	1 168	825	330	12	1
Under 45 years	3 187	2 589	2	1	326	301	25	1	—
45 to 64 years	1 800	1 456	13	2	330	228	101	—	—
65 years and over	4 808	4 264	28	5	512	296	204	12	1
Adults and Single Children Under 18 Years Old									
Total households with children	22 124	15 552	46	97	6 429	5 527	854	49	—
Married couples	18 010	12 506	35	85	5 384	4 722	615	46	—
One child under 6 only	2 418	1 473	13	11	919	829	78	13	—
One under 6, one or more 6 to 17	3 106	2 001	—	21	1 083	981	95	7	—
Two or more under 6 only	1 643	1 032	11	9	591	528	62	—	—
Two or more under 6, one or more 6 to 17	870	614	2	8	246	213	30	2	—
One or more 6 to 17 only	9 976	7 386	9	36	2 545	2 171	349	24	—
Other households with two or more adults	2 349	1 789	6	7	546	407	139	—	—
One child under 6 only	388	279	—	3	107	82	25	—	—
One under 6, one or more 6 to 17	291	233	2	—	58	47	9	—	—
Two or more under 6 only	174	102	2	—	70	60	10	—	—
Two or more under 6, one or more 6 to 17	109	70	—	—	39	25	13	—	—
One or more 6 to 17 only	1 387	1 105	2	5	275	193	82	—	—
Households with one adult or none	1 766	1 258	5	4	499	397	100	3	—
One child under 6 only	193	129	2	—	62	61	2	—	—
One under 6, one or more 6 to 17	197	137	—	—	60	46	14	—	—
Two or more under 6 only	33	28	—	—	5	2	2	—	—
Two or more under 6, one or more 6 to 17	1 50	35	—	1	14	5	9	—	—
One or more 6 to 17 only	1 293	929	3	3	358	283	3	—	—
Total households with no children	38 618	31 332	167	92	7 027	5 641	1 315	65	6
Married couples	21 793	17 630	65	57	4 042	3 481	561	17	3
Other households with two or more adults	5 409	4 374	34	17	984	797	187	—	—
Households with one adult	11 416	9 329	68	19	2 000	1 382	568	48	3

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Own Never Married Children Under 18 Years Old									
No own children under 18 years	40 598	32 976	173	105	7 345	5 870	1 392	77	6
With own children under 18 years	20 144	13 909	40	85	6 111	5 297	777	37	—
Under 6 years only	4 152	2 504	23	20	1 605	1 444	160	1	—
1	2 449	1 449	12	11	976	893	82	1	—
2	1 501	935	11	7	548	485	63	—	—
3 or more	203	119	—	2	81	67	14	—	—
6 to 17 years only	11 905	8 750	15	39	3 103	2 595	480	27	—
1	5 643	4 225	7	13	1 398	1 121	269	8	—
2	4 557	3 281	5	15	1 256	1 076	160	19	—
3 or more	1 706	1 244	2	11	449	398	51	—	—
Both age groups	4 086	2 655	2	26	1 403	1 258	136	9	—
2	1 976	1 231	—	12	733	669	61	3	—
3 or more	2 110	1 424	2	14	670	589	75	6	—
Persons Other Than Spouse or Children¹									
With other relatives	15 869	13 015	50	74	2 731	2 225	480	23	3
Single adult offspring 18 to 29	9 367	7 721	26	47	1 573	1 309	238	23	3
Single adult offspring 30 years of age or over	2 736	2 501	7	16	212	117	95	—	—
Households with three generations	1 497	1 238	4	10	245	173	56	17	—
Households with 1 subfamily	1 487	1 227	2	10	248	180	56	12	—
Subfamily hd	737	581	2	5	149	102	35	12	—
30 to 64	657	590	—	3	64	46	19	—	—
65 and over	93	57	—	1	35	33	2	—	—
Households with 2 or more subfamilies	63	46	—	—	17	15	2	—	—
Households with other types of relatives	4 839	3 755	17	20	1 047	862	181	5	—
With non-relatives	2 292	1 668	17	11	595	502	94	—	—
Co-owners or co-renters	501	340	6	1	153	134	19	—	—
Lodgers	440	317	5	2	117	107	10	—	—
Unrelated children, under 18 years old	413	321	4	3	85	57	29	—	—
Other non-relatives	1 240	902	4	7	328	262	65	—	—
One or more secondary families	227	157	2	2	67	42	25	—	—
2-person households, none related to each other	1 169	858	8	3	299	262	38	—	—
3-8 person households, none related to each other	141	115	—	1	25	23	2	—	—
Years of School Completed by Householder									
No school years completed	161	127	—	1	32	15	17	—	—
Elementary:									
less than 8 years	2 596	2 152	8	10	426	217	207	2	—
8 years	3 021	2 568	12	5	436	254	176	6	—
High School:									
1 to 3 years	5 924	4 731	20	13	1 161	728	423	9	1
4 years	21 833	16 904	88	56	4 786	3 775	961	46	4
College:									
1 to 3 years	11 312	8 643	31	43	2 595	2 316	269	8	2
4 years or more	15 896	11 781	54	60	4 021	3 883	115	42	—
Median	12.9	12.8	12.8	14.1	13.0	13.9	12.3	12.9	—
Year Householder Moved Into Unit									
1990 to 1994	7 714	4 226	14	20	3 454	3 056	370	25	2
1985 to 1989	16 834	10 019	39	47	6 729	5 871	810	45	4
1980 to 1984	7 826	5 286	10	29	2 501	2 084	382	36	—
1975 to 1979	8 123	7 719	28	19	357	76	278	2	—
1970 to 1974	5 595	5 298	25	15	257	46	205	6	—
1960 to 1969	7 442	7 288	24	16	115	28	87	—	—
1950 to 1959	4 709	4 618	43	23	25	—	25	—	—
1940 to 1949	1 712	1 655	28	20	8	—	2	—	—
1939 or earlier	787	776	2	—	9	—	9	—	—
Median	1979	1976	1971	1978	1986	1986	1984	1985	—
Household Moves and Formation in Last Year									
Total with a move in last year	6 473	3 947	30	21	2 475	2 145	294	36	1
Household all moved here from one unit	3 609	1 928	14	9	1 658	1 456	185	16	1
Householder of previous unit did not move here	370	192	—	1	177	157	19	1	—
Householder of previous unit moved here	3 079	1 673	14	8	1 384	1 212	156	16	1
Householder of previous unit not reported	160	63	—	—	97	86	10	—	—
Household moved here from two or more units	515	275	2	—	238	228	3	8	—
No previous householder moved here	98	64	—	—	34	34	—	—	—
1 previous householder moved here	64	40	2	—	23	23	—	—	—
2 or more previous householders moved here	296	146	—	—	151	140	3	8	—
Previous householder(s) not reported	56	26	—	—	31	31	—	—	—
Some already here, rest moved in	2 340	1 737	14	12	576	458	106	12	—
No previous householder moved here	746	545	9	6	187	138	48	—	—
1 or more previous householders moved here	1 201	908	2	4	287	232	43	12	—
Previous householder(s) not reported	393	285	2	2	103	88	15	—	—
Number of previous units not reported	10	7	—	—	3	3	—	—	—

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

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

Table 3-10. Income Characteristics—Owner Occupied Units

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	60 742	46 885	212	189	13 456	11 167	2 169	114	6
Household Income									
Less than \$5,000	2 172	1 707	10	6	448	240	205	3	-
\$5,000 to \$9,999	4 332	3 586	14	6	726	375	342	8	1
\$10,000 to \$14,999	4 810	3 882	15	12	901	522	370	9	-
\$15,000 to \$19,999	4 407	3 578	13	9	806	518	263	22	2
\$20,000 to \$24,999	4 752	3 670	14	11	1 057	768	289	-	-
\$25,000 to \$29,999	5 372	4 320	14	16	1 021	845	173	4	-
\$30,000 to \$34,999	4 259	3 271	19	10	960	808	151	-	-
\$35,000 to \$39,999	3 797	2 926	28	12	833	701	109	24	-
\$40,000 to \$49,999	6 751	5 129	28	21	1 572	1 400	142	27	4
\$50,000 to \$59,999	5 542	4 194	17	24	1 307	1 243	64	-	-
\$60,000 to \$79,999	6 877	5 096	17	33	1 730	1 700	24	6	-
\$80,000 to \$99,999	3 201	2 369	3	9	820	811	9	-	-
\$100,000 to \$119,999	1 748	1 250	6	9	483	462	17	4	-
\$120,000 or more	2 722	1 906	15	11	791	774	10	7	-
Median	35 352	34 126	36 192	45 765	39 854	45 761	18 171	37 173	...
As percent of poverty level:									
Less than 50 percent	1 775	1 340	8	4	423	253	168	3	-
50 to 99	3 307	2 656	7	10	634	328	304	2	-
100 to 149	5 141	4 022	12	18	1 089	668	411	9	1
150 to 199	5 387	4 281	19	17	1 070	691	368	10	-
200 percent or more	45 131	34 585	166	140	10 240	9 227	918	90	6
Income of Families and Primary Individuals									
Less than \$5,000	2 272	1 788	10	6	467	249	215	3	-
\$5,000 to \$9,999	4 389	3 635	14	6	734	384	341	8	1
\$10,000 to \$14,999	4 899	3 946	18	12	924	541	373	9	-
\$15,000 to \$19,999	4 478	3 626	11	9	831	535	272	22	2
\$20,000 to \$24,999	4 862	3 739	14	11	1 098	804	294	-	-
\$25,000 to \$29,999	5 533	4 422	15	18	1 078	900	174	4	-
\$30,000 to \$34,999	4 285	3 294	19	11	961	815	145	-	-
\$35,000 to \$39,999	3 777	2 933	26	12	807	682	101	24	-
\$40,000 to \$49,999	6 702	5 093	28	21	1 560	1 394	136	27	4
\$50,000 to \$59,999	5 415	4 105	18	24	1 269	1 208	61	-	-
\$60,000 to \$79,999	6 870	4 939	17	32	1 682	1 654	21	6	-
\$80,000 to \$99,999	3 094	2 278	5	10	801	792	9	-	-
\$100,000 to \$119,999	1 690	1 220	2	7	461	441	17	4	-
\$120,000 or more	2 676	1 868	15	11	783	766	10	7	-
Median	34 595	33 470	35 893	44 674	38 933	44 815	17 865	37 173	...
Income Sources of Families and Primary Individuals									
Wages and salaries	45 195	33 743	163	162	11 128	9 501	1 535	86	6
Wages and salaries were majority of income 2 or more people each earned over 20% of wages and salaries	39 484	29 151	135	149	10 050	8 617	1 356	71	6
Business, farm, or ranch	17 775	13 113	51	86	4 525	4 013	480	32	-
Social security or pensions	9 045	6 737	51	38	2 218	1 923	244	51	-
Interest or dividend(s)	22 131	18 922	85	48	3 036	2 229	763	43	1
Rental income	19 107	15 543	66	51	3 446	3 117	291	35	3
With lodger(s)	6 797	5 445	128	53	1 171	1 055	100	16	1
Welfare or SSI	440	317	5	2	117	107	10	-	-
Alimony or child support	1 769	1 389	4	3	373	193	180	-	-
Other	2 199	1 583	7	7	603	516	78	8	-
Other	5 511	4 109	21	20	1 360	1 073	276	11	-
Amount of Savings and Investments									
Income of \$25,000 or less	22 123	17 783	72	46	4 222	2 663	1 514	43	3
No savings or investments	7 624	5 697	21	20	1 885	1 010	861	14	1
\$25,000 or less	8 340	6 968	35	19	1 318	835	467	15	2
More than \$25,000	3 519	3 025	15	4	474	366	99	9	-
Not reported	2 641	2 093	2	2	545	452	87	6	-
Food Stamps									
Income of \$25,000 or less	22 123	17 783	72	46	4 222	2 663	1 514	43	3
Family members received food stamps	1 558	1 119	2	1	435	215	217	2	-
Did not receive food stamps	18 952	15 439	66	42	3 405	2 121	1 246	35	3
Not reported	1 614	1 225	4	3	382	326	50	6	-

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	60 742	46 885	212	189	13 456	11 167	2 169	114	6
Monthly Housing Costs									
Less than \$100	1 545	1 039	2	2	502	197	298	6	1
\$100 to \$199	9 319	7 680	8	15	1 617	843	741	33	2
\$200 to \$249	4 728	3 977	15	5	731	509	219	-	-
\$250 to \$299	3 927	3 276	18	9	625	455	158	12	-
\$300 to \$349	3 146	2 616	16	8	506	349	146	11	-
\$350 to \$399	2 705	2 236	9	7	453	306	144	3	-
\$400 to \$449	2 460	1 953	2	5	500	364	122	14	-
\$450 to \$499	2 324	1 905	2	7	407	333	74	-	-
\$500 to \$599	4 145	3 349	18	16	763	876	77	6	3
\$600 to \$699	3 674	2 984	9	19	663	628	31	4	-
\$700 to \$799	3 203	2 480	6	12	705	679	23	3	-
\$800 to \$999	4 944	3 640	15	24	1 231	1 231	34	-	-
\$1,000 to \$1,249	3 591	2 303	28	14	1 246	1 233	9	4	-
\$1,250 to \$1,499	2 128	1 364	17	11	1 736	1 730	6	-	-
\$1,500 or more	3 745	2 270	9	18	1 448	1 432	15	-	-
No cash rent .....	...	...	...	...	...	...	...	...	...
Mortgage payment not reported	5 159	3 812	37	19	1 291	1 202	71	18	-
Median (excludes no cash rent)	449	418	581	669	597	747	202	287	...
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	474	445	639	692	617	764	218	294	...
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	220	192	256	368	362	502	100	176	...
Monthly Housing Costs as Percent of Current Income									
Less than 5 percent	2 607	1 988	4	6	610	413	176	21	-
5 to 9 percent	8 962	7 379	21	24	1 539	1 075	448	15	1
10 to 14 percent	9 787	8 069	16	23	1 679	1 313	334	31	1
15 to 19 percent	9 200	7 264	18	27	1 890	1 582	301	2	5
20 to 24 percent	7 079	5 165	24	25	1 866	1 664	192	10	-
25 to 29 percent	5 232	3 789	14	18	1 412	1 272	140	-	-
30 to 34 percent	3 389	2 390	12	8	979	865	103	11	-
35 to 39 percent	2 199	1 614	16	9	560	465	95	-	-
40 to 49 percent	2 530	1 845	22	11	653	548	100	6	-
50 to 59 percent	1 201	938	4	5	254	211	43	-	-
60 to 69 percent	724	544	13	1	166	135	30	-	-
70 to 99 percent	981	767	-	8	206	171	35	-	-
100 percent or more ¹	1 236	873	12	3	249	188	60	-	-
Zero or negative income	454	347	-	2	104	63	41	-	-
No cash rent .....	...	...	...	...	...	...	...	...	...
Mortgage payment not reported	5 159	3 812	37	19	1 291	1 202	71	18	-
Median (excludes 3 previous lines)	18	18	27	21	21	22	16	12	...
Median (excludes 4 lines before medians)	18	17	25	20	21	21	16	12	...
Rent Paid by Lodgers									
Lodgers in housing units	440	317	5	2	117	107	10	-	-
Less than \$100 per month	17	17	-	-	-	-	-	-	-
\$100 to \$199	89	55	-	-	33	26	7	-	-
\$200 to \$299	130	104	-	2	24	24	-	-	-
\$300 to \$399	59	38	-	-	22	22	-	-	-
\$400 or more per month	87	62	5	-	21	21	-	-	-
Not reported	57	41	-	-	16	13	3	-	-
Median	266	263	-	...	269	263	...	...	...
Monthly Cost Paid for Electricity									
Electricity used	60 711	46 869	212	189	13 441	11 152	2 169	114	6
Less than \$25	3 877	3 260	13	7	597	410	178	9	1
\$25 to \$49	17 067	13 754	65	56	3 192	2 470	682	40	3
\$50 to \$74	15 611	12 036	51	45	3 479	2 909	544	22	1
\$75 to \$99	9 308	6 872	20	34	2 363	1 998	373	12	-
\$100 to \$149	7 453	5 235	24	11	2 183	1 972	198	13	-
\$150 to \$199	2 064	1 499	11	8	546	506	38	2	-
\$200 or more	950	638	6	2	303	268	27	9	-
Median	82	60	59	60	68	71	57	55	-
Included in rent, other fee, or obtained free	4 380	3 575	22	25	758	620	129	6	2
Monthly Cost Paid for Piped Gas									
Piped gas used	37 329	31 347	126	154	5 702	5 024	646	32	1
Less than \$25	7 538	5 999	24	27	1 488	1 280	222	6	-
\$25 to \$49	14 122	11 739	28	29	2 325	2 050	263	11	-
\$50 to \$74	7 493	6 532	13	27	963	863	58	-	1
\$75 to \$99	2 693	2 384	20	16	273	250	16	-	-
\$100 to \$149	1 253	1 102	14	19	117	108	4	5	-
\$150 to \$199	336	302	6	4	22	15	6	1	-
\$200 or more	283	230	2	4	46	37	9	-	-
Median	42	42	54	57	37	31	31	-	-
Included in rent, other fee, or obtained free	3 612	3 059	16	27	509	441	68	1	-

**SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980
AND SAME UNITS**
Table 3-11. Selected Housing Costs—Owner Occupied Units—Con.

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by-		Units added through-				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Condominium and Cooperative Fee									
Fee paid by owners	2 401	1 498	2	9	693	890	-	3	-
Less than \$25 per month	29	19	-	-	10	10	-	-	-
\$25 to \$49	77	55	1	-	21	21	-	-	-
\$50 to \$74	206	79	-	-	129	129	-	-	-
\$75 to \$99	334	155	-	-	178	178	-	-	-
\$100 to \$149	718	389	1	-	320	320	-	-	-
\$150 to \$199	385	261	-	1	103	103	-	-	-
\$200 or more per month	560	462	-	8	93	89	-	3	-
Not reported	110	68	-	2	40	40	-	-	-
Median	135	152	-	-	114	114	-	-	-
Other Housing Costs Per Month									
Homeowner association fee paid	2 089	1 230	2	3	634	631	-	3	-
Median	130	149	-	-	114	114	-	-	-
Mobile home park fee paid	212	97	-	-	118	52	64	-	-
Median	66	47	-	-	64	-	45	-	-
Land rent fee paid	80	72	2	-	7	4	-	3	-
Median	16	13	-	-	-	-	-	-	-

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	60 742	46 885	212	189	13 456	11 167	2 169	114	6
Value									
Less than \$10,000	2 652	1 050	2	-	1 600	424	1 174	-	2
\$10,000 to \$19,999	2 799	1 495	7	5	1 292	832	454	6	-
\$20,000 to \$29,999	2 903	2 178	11	5	708	483	207	17	1
\$30,000 to \$39,999	3 690	3 187	11	18	496	376	112	8	-
\$40,000 to \$49,999	4 616	4 151	29	14	423	375	40	9	-
\$50,000 to \$59,999	4 522	3 975	7	15	525	469	44	12	-
\$60,000 to \$69,999	5 013	4 336	14	19	644	593	50	-	-
\$70,000 to \$79,999	4 519	3 796	14	21	688	666	22	-	1
\$80,000 to \$89,999	7 538	5 995	22	19	1 502	1 455	22	25	-
\$100,000 to \$119,999	4 380	3 500	14	5	1 011	989	15	8	-
\$120,000 to \$149,999	4 912	3 521	16	17	1 358	1 339	9	7	3
\$150,000 to \$199,999	5 618	4 295	22	20	1 282	1 270	8	4	-
\$200,000 to \$249,999	2 872	2 151	15	13	694	693	-	1	-
\$250,000 to \$299,999	1 639	1 222	13	8	396	396	-	-	-
\$300,000 or more	3 068	2 202	15	13	837	808	12	17	-
Median	79 240	78 140	89 422	79 824	84 694	99 773	10000-	84 196	...
Value-Income Ratio									
Less than 1.5	18 238	13 140	57	65	4 978	3 302	1 648	23	2
1.5 to 1.9	7 858	6 170	30	25	1 631	1 507	115	8	-
2.0 to 2.4	7 117	5 313	7	22	1 774	1 667	98	8	-
2.5 to 2.9	5 180	3 852	18	12	1 278	1 190	56	31	1
3.0 to 3.9	6 675	5 302	24	19	1 329	1 269	48	9	3
4.0 to 4.9	4 003	3 251	15	9	729	687	37	5	-
5.0 or more	11 079	9 378	61	34	1 608	1 457	122	29	-
Zero or negative income	614	481	-	2	131	88	43	-	-
Median	2.3	2.4	2.8	2.1	2.0	2.2	1.5-	2.8	...
Other Activities on Property¹									
Commercial establishment	895	893	4	4	193	136	50	7	-
Medical or dental office	173	148	-	1	24	24	-	-	-
Neither	59 740	46 095	208	184	13 253	11 021	2 118	107	6
Year Unit Acquired									
1990 to 1994	6 848	3 795	5	17	3 129	2 793	326	8	2
1985 to 1989	16 554	9 677	39	46	6 791	6 006	745	38	4
1980 to 1984	7 947	5 266	6	32	2 643	2 228	396	20	-
1975 to 1979	8 330	7 906	31	18	375	-	343	31	-
1970 to 1974	5 619	5 352	22	15	230	-	222	8	-
1960 to 1969	7 398	7 280	23	16	78	-	78	-	-
1950 to 1959	4 651	4 583	45	22	2	-	2	-	-
1940 to 1949	1 622	1 570	28	21	4	-	4	-	-
1939 or earlier	496	494	2	1	-	-	-	-	-
Not reported	1 178	981	11	2	204	140	52	11	1
Median	1979	1976	1970	1978	1986	1986	1983	1982	...
First Time Owners									
First home ever owned	26 502	21 908	92	100	4 403	3 423	962	18	-
Not first home	32 548	23 687	109	86	8 666	7 419	1 160	82	6
Not reported	1 692	1 290	11	3	386	325	47	15	1
Purchase Price									
Home purchased or built	58 127	44 570	186	180	13 191	11 016	2 068	101	6
Less than \$10,000	6 076	4 815	13	7	1 241	227	996	16	2
\$10,000 to \$19,999	9 208	7 792	27	16	1 373	843	520	10	-
\$20,000 to \$29,999	6 358	5 463	28	23	844	666	186	11	1
\$30,000 to \$39,999	5 195	4 556	22	28	592	519	65	8	-
\$40,000 to \$49,999	4 306	3 837	15	27	627	574	49	4	-
\$50,000 to \$59,999	3 584	2 958	8	18	600	573	28	4	-
\$60,000 to \$69,999	3 293	2 419	5	12	857	841	9	7	-
\$70,000 to \$79,999	2 592	1 813	6	7	766	756	2	8	-
\$80,000 to \$99,999	3 691	2 284	8	7	1 392	1 387	2	3	-
\$100,000 to \$119,999	2 037	1 148	10	3	876	873	-	-	-
\$120,000 to \$149,999	2 209	1 274	6	7	922	919	3	-	-
\$150,000 to \$199,999	2 027	1 058	8	6	955	951	-	4	-
\$200,000 to \$249,999	878	411	10	2	455	454	-	1	-
\$250,000 to \$299,999	480	265	5	3	208	208	-	4	-
\$300,000 or more	821	396	-	4	421	408	6	-	-
Not reported	5 372	4 284	15	10	1 062	817	220	25	-
Median	39 115	34 551	37 779	44 438	69 196	81 458	10000-	31 917	...
Received as inheritance or gift	1 450	1 366	15	7	61	10	49	2	-
Not reported	1 165	948	11	2	204	140	52	11	1
Major Source of Down Payment									
Home purchased or built	58 127	44 570	186	180	13 191	11 016	2 068	101	6
Sale of previous home	17 574	12 839	58	30	4 647	4 241	366	37	3
Savings or cash on hand	27 905	22 134	83	105	5 582	4 555	999	25	3
Sale of other investment	438	345	-	3	91	88	-	3	-
Borrowing, other than mortgage on this property	2 039	1 663	5	12	359	238	118	3	-
Inheritance or gift	1 341	1 002	6	4	329	282	47	-	-
Land where building built used for financing	403	239	1	1	162	151	12	-	-
Other	2 440	1 850	5	4	581	424	154	3	-
No down payment	4 563	3 391	24	20	1 127	773	331	23	-
Not reported	1 425	1 108	3	1	313	264	41	7	-

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

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

Table 3-13. Mortgage Characteristics—Owner Occupied Units

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	60 742	46 885	212	189	13 456	11 167	2 169	114	6
Mortgages Currently on Property									
None, owned free and clear	25 196	20 781	94	47	4 284	2 659	1 561	63	1
With mortgage or land contract	35 546	26 104	129	142	9 172	8 509	608	51	5
One mortgage or land contract	29 854	21 554	95	121	8 063	7 488	552	38	5
Two mortgages	4 855	3 951	24	18	862	822	33	7	—
Three or more mortgages	92	67	—	3	22	22	—	—	—
Number of mortgages not reported	745	531	9	—	205	176	23	7	—
OWNERS WITH ONE OR MORE MORTGAGES									
Total	35 546	26 104	129	142	9 172	8 509	608	51	5
Type of Primary Mortgage									
FHA	5 375	4 064	2	13	1 295	1 279	13	3	—
VA	2 638	2 092	8	14	524	511	7	6	—
Farmers Home Administration	431	319	—	—	111	109	2	—	—
Other types	25 259	18 236	105	110	6 808	6 220	548	35	5
Don't know	738	592	—	5	141	131	11	—	—
Not reported	1 107	801	13	—	292	259	26	7	—
Lower Cost State and Local Mortgages									
State or local program used	3 248	2 442	8	16	782	737	38	9	—
Not used	31 181	22 851	112	123	8 095	7 517	537	35	5
Not reported	1 118	811	8	3	295	254	35	7	—
Mortgage Origination									
Placed new mortgage(s)	28 694	20 509	95	120	7 969	7 402	522	41	5
Primary obtained when property acquired	23 417	16 155	67	101	7 094	6 643	412	34	5
Obtained later	5 152	4 271	28	19	833	721	106	6	—
Date not reported	125	83	—	—	41	38	4	—	—
Assumed	1 727	1 400	—	3	325	286	38	—	—
Wrap-around	—	24	—	—	6	4	2	—	—
Combination of the above	4 062	3 386	22	20	635	611	21	3	—
Origin not reported	1 033	785	11	—	238	206	25	7	—
Payment Plan of Primary Mortgage									
Fixed payment, self amortizing	27 259	20 369	94	116	6 680	6 267	384	23	5
Adjustable rate mortgage	3 071	2 021	17	18	1 016	974	35	7	—
Adjustable term mortgage	69	48	—	1	20	18	2	—	—
Graduated payment mortgage	425	245	—	1	179	179	—	—	—
Balloon	265	164	2	—	98	78	21	—	—
Other	442	322	—	2	118	115	—	3	—
Combination of the above	280	182	—	—	98	92	6	—	—
Not reported	3 735	2 754	15	3	962	785	160	17	—
Payment Plan of Secondary Mortgage									
Units with two or more mortgages	4 947	4 018	24	21	884	844	33	7	—
Fixed payment, self amortizing	2 652	2 126	8	8	510	494	10	6	—
Adjustable rate mortgage	481	401	3	3	73	67	6	—	—
Adjustable term mortgage	61	45	—	—	16	16	—	—	—
Graduated payment mortgage	9	9	—	—	—	—	—	—	—
Balloon	55	45	—	1	9	7	2	—	—
Other	32	25	—	—	8	8	—	—	—
Combination of the above	238	197	2	4	35	35	—	—	—
Not reported	1 419	1 171	11	5	232	218	14	1	—
Lenders of Primary and Secondary Mortgages									
Only borrowed from firm(s)	31 125	22 589	103	121	8 312	7 798	470	40	3
Only borrowed from seller	962	787	5	11	159	80	79	—	—
Only borrowed from other individual(s)	390	276	—	3	111	88	18	3	2
Borrowed from a firm and seller	225	190	1	—	34	31	4	—	—
Borrowed from a firm and other individual	114	85	—	2	27	27	—	—	—
Borrowed from seller and other individual	6	6	—	—	—	—	—	—	—
One or both sources not reported	2 724	2 171	19	6	528	484	38	8	—
Items Included in Primary Mortgage Payment¹									
Principal and interest only	12 459	8 882	40	39	3 498	3 006	459	30	2
Property taxes	20 343	15 321	69	94	4 859	4 781	65	13	—
Property insurance	17 060	12 582	49	63	4 366	4 276	80	10	—
Other	1 483	1 100	5	4	374	374	—	—	—
Not reported	1 686	1 266	19	7	394	341	42	8	3
Year Primary Mortgage Originated									
1990 to 1994	7 089	4 318	14	15	2 722	2 542	176	3	2
1985 to 1989	14 877	9 527	52	55	5 043	4 729	287	23	3
1980 to 1984	4 048	2 976	3	21	1 049	981	64	3	—
1975 to 1979	4 770	4 693	16	16	44	—	35	9	—
1970 to 1974	2 279	2 251	11	7	10	—	4	6	—
1960 to 1969	1 341	1 331	1	7	1	—	1	—	—
1950 to 1959	96	67	21	8	—	—	—	—	—
1949 or earlier	27	14	2	12	—	—	—	—	—
Not reported	1 239	927	9	1	302	256	39	7	—
Median	1985	1983	1984	1983	1987	1987	1986	...	...

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
OWNERS WITH ONE OR MORE MORTGAGES—Con.									
Term of Primary Mortgage at Origination or Assumption									
Less than 8 years	825	391	-	2	432	251	172	6	2
8 to 12 years	1 030	557	2	4	467	351	110	5	-
13 to 17 years	3 314	1 954	9	10	1 342	1 241	93	9	-
18 to 22 years	2 345	1 883	23	21	418	392	28	-	-
23 to 27 years	2 408	2 078	9	15	304	298	-	6	-
28 to 32 years	17 026	12 268	41	65	4 653	4 608	33	8	3
33 years or more	460	366	-	-	94	91	-	3	-
Variable	362	293	-	1	68	61	7	-	-
Not reported	7 777	6 314	44	24	1 395	1 214	166	14	-
Median	29	29	28	28	29	29	10	-	-
Remaining Years Mortgaged									
Less than 8 years	4 686	3 647	11	12	1 017	664	324	27	2
8 to 12	4 893	3 906	19	27	1 040	931	110	-	-
13 to 17	5 015	4 127	22	17	848	802	41	5	-
18 to 22	2 910	2 268	4	10	628	602	18	8	-
23 to 27	6 641	4 283	22	28	2 328	2 303	22	3	-
28 to 32	6 214	3 734	8	19	2 453	2 445	5	-	3
33 years or more	118	81	-	-	35	35	-	-	-
Variable	931	755	-	6	170	183	7	-	-
Not reported	4 041	3 323	42	25	652	564	80	8	-
Median	19	17	16	16	24	25	8	-	-
Current Interest Rate									
Less than 6 percent	868	691	2	3	173	170	4	-	-
6 to 7.9	1 601	1 460	2	5	133	124	-	9	-
8 to 9.9	8 749	6 202	20	25	2 502	2 467	31	4	-
10 to 11.9	6 212	4 156	25	32	1 998	1 916	70	5	5
12 to 13.9	880	523	4	7	347	321	26	-	-
14 to 15.9	213	78	-	1	134	100	34	-	-
16 to 17.9	60	35	-	1	24	18	8	-	-
18 to 19.9	49	12	-	1	36	30	6	-	-
20 percent or more	24	8	-	-	16	9	7	-	-
Not reported	16 891	12 939	75	67	3 809	3 354	422	33	-
Median	9.1	8.9	9.7	9.8	9.4	9.4	11.2	-	-
Total Outstanding Principal Amount									
Less than \$10,000	2 059	1 715	21	19	304	210	81	11	2
\$10,000 to \$19,999	2 285	1 842	6	10	427	362	61	4	-
\$20,000 to \$29,999	2 168	1 873	5	9	282	269	12	-	-
\$30,000 to \$39,999	2 026	1 622	3	6	395	380	16	-	-
\$40,000 to \$49,999	1 853	1 392	6	4	451	443	2	3	3
\$50,000 to \$59,999	1 599	1 101	1	7	489	482	7	-	-
\$60,000 to \$69,999	1 297	812	2	5	477	477	-	-	-
\$70,000 to \$79,999	1 150	669	2	2	477	477	-	-	-
\$80,000 to \$89,999	1 482	756	4	2	730	728	2	-	-
\$100,000 to \$119,999	928	484	-	1	443	443	-	-	-
\$120,000 to \$149,999	807	435	2	5	365	363	2	-	-
\$150,000 to \$199,999	490	215	-	2	273	273	-	-	-
\$200,000 to \$249,999	207	99	-	1	107	107	-	-	-
\$250,000 to \$299,999	105	47	-	1	57	57	-	-	-
\$300,000 or more	189	104	-	1	85	83	1	-	-
Not reported	16 891	12 939	75	67	3 809	3 354	422	33	-
Median	44 263	37 109	18 995	29 129	66 992	69 040	11 937	-	-
Current Total Loan as Percent of Value									
Less than 20 percent	3 304	2 943	26	24	312	273	24	14	-
20 to 39	2 875	2 346	12	16	500	474	21	-	5
40 to 59	3 642	2 498	3	11	1 130	1 097	30	3	-
60 to 79	4 610	2 868	2	7	1 735	1 689	46	-	-
80 to 89	2 068	1 234	-	8	826	823	3	-	-
90 to 99	1 285	792	-	2	491	484	6	-	-
100 percent or more	872	488	10	6	369	314	54	-	-
Not reported	16 891	12 939	75	67	3 809	3 354	422	33	-
Median	57.3	50.4	21.4	36.6	68.5	68.7	67.6	-	-

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	60 742	46 885	212	189	13 456	11 167	2 169	114	6
Repairs, Improvements, Alterations In Last 2 Years									
Roof replaced (all or part)	9 739	8 842	43	48	806	543	254	8	1
Mostly done by household	2 319	2 014	8	17	281	140	134	7	—
Mostly done by others	7 131	6 588	33	28	501	381	118	1	1
Workers not reported	289	260	2	2	24	22	2	—	—
Costing \$500 or more	6 630	6 204	28	37	362	232	129	—	1
Costing less than \$500	1 961	1 611	8	8	334	229	98	8	—
Cost not reported	1 148	1 027	8	3	111	82	29	—	—
Roof replacement not reported	841	625	11	—	205	169	25	11	1
Additions built	2 650	1 872	15	9	754	585	164	5	1
Mostly done by household	1 289	812	9	6	442	305	137	—	—
Mostly done by others	1 305	1 002	5	2	295	265	24	5	1
Workers not reported	76	58	—	1	17	15	2	—	—
Costing \$500 or more	2 068	1 448	13	8	591	472	114	5	1
Costing less than \$500	249	156	—	—	82	64	28	—	—
Cost not reported	344	270	2	1	72	49	22	—	—
Additions not reported	744	564	11	—	168	134	23	11	1
Kitchen remodeled or added	5 073	4 489	22	27	535	377	141	17	—
Mostly done by household	2 627	2 287	16	17	307	194	97	16	—
Mostly done by others	2 368	2 137	6	9	216	176	40	—	—
Workers not reported	78	65	—	1	12	7	4	1	—
Costing \$500 or more	3 497	3 181	17	20	278	232	41	5	—
Costing less than \$500	1 055	855	2	2	195	108	75	12	—
Cost not reported	521	452	2	4	62	37	25	—	—
Kitchen remodeled or added not reported	742	555	9	—	178	143	24	11	1
Bathroom remodeled or added	5 964	5 274	32	32	625	441	182	1	—
Mostly done by household	3 321	2 855	21	14	431	280	150	1	—
Mostly done by others	2 513	2 299	11	18	185	153	32	—	—
Workers not reported	130	121	—	1	8	8	—	—	—
Costing \$500 or more	3 404	3 081	20	29	275	209	66	—	—
Costing less than \$500	1 860	1 568	10	2	280	177	103	—	—
Cost not reported	700	626	2	2	70	56	13	1	—
Bathroom remodeled or added not reported	754	558	9	—	188	153	23	11	1
Siding replaced or added	3 479	3 104	11	9	355	282	69	3	—
Mostly done by household	999	861	5	5	127	82	42	3	—
Mostly done by others	2 345	2 132	6	3	204	182	22	—	—
Workers not reported	135	111	—	1	23	19	5	—	—
Costing \$500 or more	2 148	1 969	8	4	164	137	23	3	—
Costing less than \$500	785	656	1	1	126	94	32	—	—
Cost not reported	548	479	2	3	65	51	14	—	—
Siding replaced or added not reported	801	583	9	—	208	158	39	11	1
Storm doors/windows bought and installed	7 757	6 760	33	36	928	677	250	1	—
Mostly done by household	3 430	2 862	12	14	542	394	147	1	—
Mostly done by others	4 125	3 735	19	21	351	255	95	—	—
Workers not reported	202	163	2	2	35	28	7	—	—
Costing \$500 or more	3 104	2 859	15	22	208	172	36	—	—
Costing less than \$500	3 759	3 104	14	12	629	454	174	1	—
Cost not reported	894	797	5	2	90	51	40	—	—
Storm doors/windows bought and installed not reported	828	611	9	—	208	158	36	11	1
Major equipment replaced or added	6 351	5 502	24	19	806	601	204	1	—
Mostly done by household	1 153	921	3	1	228	149	79	—	—
Mostly done by others	5 041	4 458	15	16	554	437	115	1	—
Workers not reported	158	128	6	2	24	14	10	—	—
Costing \$500 or more	4 798	4 282	17	12	487	397	89	1	—
Costing less than \$500	1 020	787	5	4	245	159	86	—	—
Cost not reported	533	453	2	4	74	45	29	—	—
Major equipment replaced or added not reported	817	604	9	—	203	167	25	11	1
Insulation added	4 189	3 554	16	18	601	422	176	3	—
Mostly done by household	2 232	1 791	12	10	418	270	145	3	—
Mostly done by others	1 775	1 605	4	5	161	136	25	—	—
Workers not reported	181	157	—	2	22	16	6	—	—
Costing \$500 or more	828	750	6	5	64	60	4	—	—
Costing less than \$500	2 385	1 983	5	8	389	248	141	2	—
Cost not reported	978	821	5	4	148	116	31	1	—
Insulation added not reported	884	663	9	1	210	161	38	11	1
Other major work ¹	11 804	9 544	44	54	2 182	1 890	262	10	—
Mostly done by household	3 988	3 064	21	27	877	729	144	4	—
Mostly done by others	7 394	6 126	22	26	1 220	1 100	113	6	—
Workers not reported	422	354	2	1	65	61	5	—	—
Other major work not reported	841	635	9	1	198	144	40	11	1
Government Subsidy for Repairs									
Units with major repairs the last 2 years ..	30 623	25 597	117	131	4 779	3 832	911	36	1
Received low-interest loan or grant	733	642	1	2	87	49	39	—	—
No low-interest loan or grant	29 213	24 417	114	125	4 556	3 677	842	36	1
Not reported	678	537	1	3	136	106	30	—	—

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

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

Table 4-1. Introductory Characteristics—Renter Occupied Units

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	32 406	25 170	624	100	6 512	5 427	828	164	93
Tenure									
Owner occupied .....	...	...	...	...	...	...	...	...	...
Percent of all occupied .....	...	...	...	...	...	...	...	...	...
Renter occupied	32 406	25 170	624	100	6 512	5 427	828	164	93
Race and Origin									
White	25 186	19 246	477	71	5 392	4 425	756	129	82
Non-Hispanic	22 059	16 672	422	65	4 900	4 029	709	96	66
Hispanic	3 126	2 574	55	6	492	396	47	33	16
Black	5 409	4 467	115	27	800	712	57	21	11
Other	1 811	1 457	32	2	321	290	16	15	-
Total Hispanic	3 696	3 072	69	7	549	443	54	36	16
Units in Structure									
1, detached	8 284	7 511	-	45	728	599	13	80	36
1, attached	2 650	1 987	-	4	658	639	6	7	7
2 to 4	7 235	5 801	536	31	867	821	11	27	9
5 to 9	3 994	2 888	80	8	1 017	1 004	-	12	-
10 to 19	3 427	2 364	2	5	1 057	1 044	-	7	6
20 to 49	2 709	2 014	5	4	686	638	2	15	30
50 or more	2 857	2 344	-	3	510	489	-	16	5
Mobile home or trailer	1 249	261	-	-	989	191	797	-	-
Cooperatives and Condominiums									
Cooperatives	237	216	-	-	21	20	1	-	-
Condominiums	1 016	610	1	-	405	404	-	-	1
Year Structure Built¹									
1990 to 1994	471	-	-	-	471	471	-	-	-
1985 to 1989	2 578	-	-	-	2 578	2 578	-	-	-
1980 to 1984	2 498	115	-	-	2 383	2 378	1	-	4
1975 to 1979	3 477	3 107	19	6	344	-	269	55	21
1970 to 1974	3 925	3 809	20	2	294	-	268	7	20
1960 to 1969	4 940	4 635	41	11	254	-	200	24	30
1950 to 1959	3 526	3 343	101	12	70	-	55	14	1
1940 to 1949	2 882	2 736	81	13	52	-	27	15	11
1930 to 1939	2 816	2 422	326	51	17	-	4	9	4
1920 to 1929	2 027	1 893	11	-	23	-	3	19	-
1919 or earlier	3 267	3 211	25	5	26	-	2	22	2
Median	1963	1957	1938	1939	1984	1985	1972	1961	1969
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	27 015	21 126	510	86	5 294	4 744	397	97	56
In central cities	14 560	12 045	264	55	2 196	2 059	63	51	23
Suburbs	12 456	9 081	246	31	3 098	2 685	334	46	33
Outside metropolitan statistical areas	5 390	4 043	114	14	1 219	683	431	68	37
Regions									
Northeast	7 056	6 243	250	24	539	473	37	24	5
Midwest	6 829	5 680	134	28	987	813	126	21	26
South	10 536	7 302	137	30	3 067	2 463	517	73	14
West	7 985	5 943	103	19	1 919	1 678	148	45	48
Urbanized Areas									
Inside urbanized areas	23 941	19 261	419	79	4 183	3 880	173	76	54
In central cities of (P)MSA's	14 334	11 907	257	55	2 116	1 981	60	51	23
Urban fringe	9 607	7 354	162	24	2 067	1 899	113	26	31
Outside urbanized areas	8 464	5 909	205	21	2 329	1 547	655	88	39
Other urban	3 986	3 020	118	19	829	690	84	31	23
Rural	4 478	2 889	87	2	1 500	857	571	57	16
Place Size²									
Less than 2,500 persons	1 193	961	34	-	197	98	83	8	8
2,500 to 9,999 persons	2 801	2 257	99	13	433	326	91	15	1
10,000 to 19,999 persons	2 891	2 343	49	12	487	427	41	13	6
20,000 to 49,999 persons	4 795	3 782	127	12	863	794	25	25	20
50,000 to 99,999 persons	3 395	2 791	45	6	553	486	33	9	25
100,000 to 249,999 persons	3 433	2 702	58	11	662	634	24	2	2
250,000 to 499,999 persons	2 511	2 017	40	13	441	407	13	9	10
500,000 to 999,999 persons	2 141	1 730	41	13	357	353	-	4	-
1,000,000 persons or more	3 854	3 511	57	14	273	239	2	22	11

¹For mobile home, oldest category is 1939 or earlier.

²Figures will not add to total, because all units are not in Places.

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	32 406	25 170	624	100	6 512	5 427	828	164	93
Stories In Structure									
1	2 180	1 584	109	12	475	454	-	11	9
2	7 658	5 274	197	10	2 176	2 132	10	17	16
3	5 400	4 178	218	14	989	961	-	23	5
4 to 6	3 192	2 774	99	8	311	282	-	9	20
7 or more	1 793	1 600	-	6	187	168	2	17	-
Not reported	1	-	1	-	-	-	-	-	-
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	18 042	13 826	514	38	3 663	3 543	12	66	41
None (on same floor)	6 110	4 472	256	17	1 365	1 341	3	20	-
1 (up or down)	5 193	3 982	162	10	1 039	993	7	17	22
2 or more (up or down)	4 999	4 025	57	11	905	862	2	23	19
Not reported	1 740	1 347	38	1	353	347	-	7	-
Common Stairways									
Multiunits, 2 or more floors	18 042	13 826	514	38	3 663	3 543	12	66	41
No common stairways	3 284	2 363	247	12	663	649	-	13	-
With common stairways	13 096	10 179	227	26	2 664	2 564	12	47	41
No loose steps	12 233	9 469	206	23	2 535	2 444	12	47	31
Railings not loose	11 174	8 619	179	22	2 355	2 267	12	44	31
Railings loose	399	306	8	1	83	82	-	1	-
No railings	507	429	18	-	60	58	-	2	-
Status of railings not reported	153	115	1	-	38	38	-	-	-
Loose steps	819	672	21	2	124	114	-	-	9
Railings not loose	588	465	9	1	114	105	-	-	9
Railings loose	168	151	9	1	6	6	-	-	-
No railings	53	48	1	-	3	3	-	-	-
Status of railings not reported	9	7	1	-	-	-	-	-	-
Status of steps not reported	44	39	-	-	6	6	-	-	-
Status of stairways not reported	1 662	1 284	41	1	336	330	-	6	-
Light Fixtures In Public Halls									
2 or more units in structure	20 222	15 411	623	51	4 138	3 997	13	78	50
No public halls	7 074	5 008	389	24	1 653	1 610	-	32	11
No light fixtures in public halls	55	47	-	-	7	7	-	-	-
All in working order	7 724	6 205	107	15	1 398	1 338	2	25	34
Some in working order	599	512	38	3	31	31	10	-	5
None in working order	36	30	6	-	-	-	-	-	-
Unable to determine if working	2 712	2 070	25	9	608	595	-	13	-
Not reported	2 024	1 538	59	1	425	416	-	9	-
Elevator on Floor									
Multiunits, 2 or more floors	18 042	13 826	514	38	3 663	3 543	12	66	41
With 1 or more elevators working	2 713	2 216	1	6	491	450	2	19	20
With elevator, none in working condition	125	105	1	-	20	20	-	-	-
No elevator	13 518	10 205	472	32	2 808	2 734	10	42	21
Units 3 or more floors from main entrance	800	665	19	2	113	109	-	5	-
Not reported	1 667	1 301	41	1	345	339	-	6	-
Foundation									
1 unit bldg. excl. mobile homes	10 834	9 498	-	50	1 386	1 238	18	87	43
With basement under all of building	2 617	2 416	-	22	180	172	-	1	7
With basement under part of building	938	895	-	5	38	35	-	4	-
With crawl space	3 449	3 145	-	12	292	240	13	29	10
On concrete slab	3 524	2 704	-	9	812	766	6	40	1
Other	373	337	-	2	34	21	-	12	-
Not reported	33	2	-	-	30	4	-	1	25
External Building Conditions¹									
Sagging roof	81	76	1	3	1	-	-	1	-
Missing roofing material	85	72	5	-	7	7	-	-	-
Hole in roof	20	20	-	-	-	-	-	-	-
Could not see roof	1 995	1 731	60	7	197	180	-	17	-
Missing bricks, siding, other outside wall material	307	267	15	6	20	20	-	-	-
Sloping outside walls	43	40	-	2	1	-	-	1	-
Boarded up windows	187	174	6	1	5	5	-	-	-
Broken windows	237	222	9	3	2	2	-	-	-
Bars on windows	405	384	12	1	8	5	-	3	-
Foundation crumbling or has open crack or hole	262	243	8	2	12	10	-	1	-
Could not see foundation	755	677	27	1	51	46	-	5	-
None of the above	15 084	11 220	464	37	3 363	3 262	13	49	39
Could not observe or not reported	2 417	1 806	70	1	540	519	-	11	11
Site Placement									
Mobile homes	1 249	261	-	-	989	191	797	-	-
First site	363	113	-	-	270	86	184	-	-
Moved from another site	301	40	-	-	262	50	211	-	-
Don't know	538	108	-	-	430	47	382	-	-
Not reported	27	-	-	-	27	7	19	-	-
Previous Occupancy									
Unit built 1980 or later	5 546	115	-	-	5 432	5 427	1	-	4
Not previously occupied	831	-	-	-	831	818	-	13	-
Not reported	1 185	84	2	-	1 099	1 093	-	2	4

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	32 406	25 170	624	100	6 512	5 427	628	164	93
Rooms									
1 room	517	376	58	—	84	37	—	9	38
2 rooms	906	752	53	—	100	74	8	15	4
3 rooms	6 855	5 338	174	13	1 329	1 176	77	49	27
4 rooms	10 600	7 686	175	23	2 716	2 187	466	47	15
5 rooms	7 342	5 749	94	21	1 477	1 233	209	35	—
6 rooms	3 744	3 181	44	20	500	442	50	5	2
7 rooms	1 475	1 282	13	9	172	164	7	—	—
8 rooms	614	531	8	8	66	66	—	—	—
9 rooms	220	167	2	1	50	33	11	4	2
10 rooms or more	134	108	5	4	17	14	—	—	3
Median	4.2	4.3	3.7	5.1	4.1	4.2	4.2	3.7	2.6
Bedrooms									
None	1 050	847	69	1	133	74	4	17	38
1	9 329	7 208	269	22	1 830	1 644	91	63	32
2	13 892	10 367	198	29	3 298	2 697	536	50	15
3	6 642	5 461	70	30	1 081	864	181	33	2
4 or more	1 493	1 267	17	18	1 267	170	17	—	5
Median	1.9	1.9	1.4	2.5	1.9	1.9	2.1	1.5	.8
Complete Bathrooms									
None	332	232	49	1	50	18	10	11	11
1	23 569	19 404	523	55	3 587	2 777	597	142	70
1 and one-half	3 430	2 653	25	2	750	614	129	2	5
2 or more	5 076	2 881	27	42	2 126	2 018	92	10	7
Square Footage of Unit									
Single detached and mobile homes	9 533	7 772	—	45	1 716	791	810	80	36
Less than 500	383	237	—	2	124	4	112	8	—
500 to 749	1 015	693	—	—	322	25	284	13	—
750 to 999	1 557	1 165	—	4	388	148	227	13	—
1,000 to 1,499	2 540	2 171	—	3	366	257	101	8	—
1,500 to 1,999	1 487	1 279	—	8	180	175	4	—	—
2,000 to 2,499	706	642	—	5	59	57	—	—	2
2,500 to 2,999	345	320	—	—	25	—	—	—	—
3,000 to 3,999	197	191	—	2	3	3	—	—	—
4,000 or more	191	170	—	2	19	4	8	5	2
Not reported	1 153	903	—	19	230	93	74	32	32
Median	1 247	1 309	—	—	941	1 335	726	801	—
Lot Size									
Less than one-eighth acre	1 018	815	—	6	197	93	101	—	4
One-eighth up to one-quarter acre	1 306	1 110	—	2	194	126	47	21	—
One-quarter up to one-half acre	785	663	—	4	117	80	37	—	—
One-half up to one acre	796	622	—	4	170	98	64	6	2
1 to 4 acres	946	748	—	5	194	85	108	—	—
5 to 9 acres	150	123	—	—	27	13	—	—	2
10 acres or more	498	390	—	—	108	46	53	8	—
Don't know	6 481	5 175	—	29	1 277	639	378	50	9
Not reported	203	113	—	—	90	50	14	1	25
Median .....	.39	.37	—	—	.49	.41	.71	.23	—
Persons Per Room									
0.50 or less	19 503	14 909	356	51	4 187	3 598	465	86	39
0.51 to 1.00	11 275	8 975	244	42	2 014	1 651	293	48	23
1.01 to 1.50	1 232	960	22	6	151	63	30	30	—
1.51 or more	395	328	2	1	67	28	7	1	31
Square Feet Per Person									
Single detached and mobile homes	9 533	7 772	—	45	1 716	791	810	80	36
Less than 200	779	544	—	1	233	45	176	13	—
200 to 299	1 341	1 074	—	2	265	85	171	9	—
300 to 399	1 314	1 065	—	3	246	130	116	—	—
400 to 499	1 073	873	—	9	191	123	59	9	—
500 to 599	761	648	—	3	112	65	46	—	—
600 to 699	669	558	—	3	110	59	45	3	2
700 to 799	463	365	—	—	97	40	55	—	2
800 to 899	356	292	—	1	62	38	24	—	—
900 to 999	330	280	—	—	89	43	23	4	—
1,000 to 1,499	766	698	—	—	68	48	12	9	—
1,500 or more	530	495	—	2	33	24	9	—	—
Not reported	1 153	903	—	19	230	93	74	32	32
Median	470	488	—	—	399	473	318	414	—

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources ¹		
							House or mobile home moved in	From nonresidential use	Other
Total	32 406	25 170	624	100	6 512	5 427	828	164	93
Equipment¹									
Lacking complete kitchen facilities	526	391	47	1	87	37	2	10	38
With complete kitchen (sink, refrigerator and burners)	31 880	24 779	577	99	6 425	5 390	826	155	55
Kitchen sink	32 112	24 973	588	100	6 452	5 408	828	159	57
Refrigerator	32 239	25 066	596	100	6 475	5 422	826	161	68
Less than 5 years old	11 293	8 046	218	38	2 990	2 724	193	59	15
Age not reported	1 468	1 000	35	1	432	394	23	15	-
Burners and oven	32 048	24 918	581	99	6 450	5 412	828	155	55
Less than 5 years old	8 222	5 349	183	33	2 656	2 450	155	42	7
Age not reported	1 620	1 095	29	1	494	451	35	7	1
Burners only	52	39	2	-	11	5	-	4	2
Less than 5 years old	24	18	-	-	6	2	-	4	-
Age not reported	4	4	-	-	-	-	-	-	-
Oven only	49	38	2	-	7	6	-	1	-
Less than 5 years old	21	16	-	-	3	2	-	1	-
Age not reported	8	8	-	-	-	-	-	-	-
Neither burners nor oven	11 257	175	38	-	45	4	-	5	36
Dishwasher	11 270	6 976	96	23	4 176	4 051	83	33	9
Less than 5 years old	3 956	1 975	36	12	1 933	1 904	11	18	-
Age not reported	855	453	9	1	392	386	6	-	-
Washing machine	14 718	10 987	184	63	3 473	2 983	421	63	7
Less than 5 years old	6 154	4 211	103	32	1 809	1 632	133	44	-
Age not reported	359	211	1	-	147	134	5	8	-
Clothes dryer	12 292	8 795	163	49	3 285	2 884	341	53	7
Less than 5 years old	4 967	3 178	62	27	1 700	1 571	110	17	2
Age not reported	306	186	7	-	134	122	12	-	-
Disposal in kitchen sink	12 712	8 508	59	17	4 129	4 038	47	33	10
Less than 5 years old	4 316	2 274	27	12	2 003	1 953	30	18	3
Age not reported	1 301	874	7	1	420	414	4	2	-
Air conditioning:									
Central	10 809	6 569	61	18	4 160	3 926	168	31	35
1 room unit	7 626	6 520	148	28	931	568	303	51	11
2 room units	2 103	1 889	35	8	171	96	54	5	16
3 room units or more	434	409	10	3	11	11	-	-	-
Main Heating Equipment									
Warm-air furnace	14 227	10 332	274	37	3 584	2 942	553	57	32
Steam or hot water system	6 265	5 737	181	25	322	250	17	23	22
Electric heat pump	2 107	1 116	7	2	981	945	26	5	5
Built-in electric units	3 646	2 636	30	1	979	929	28	17	6
Floor, wall, or other built-in hot air units without ducts	2 263	2 014	34	8	207	148	36	15	8
Room heaters with flue	1 141	1 024	19	6	93	33	33	17	10
Room heaters without flue	877	784	8	7	78	14	53	11	-
Portable electric heaters	319	248	17	6	48	11	30	8	-
Stoves	582	491	25	1	65	18	38	8	-
Fireplaces with inserts	60	36	5	-	19	-	-	-	-
Fireplaces without inserts	120	84	-	5	32	27	5	-	-
Other	323	271	11	4	38	33	5	-	-
None	476	396	14	-	66	49	4	3	11
Other Heating Equipment									
With other heating equipment ¹	5 240	3 931	111	19	1 179	992	164	16	7
Warm-air furnace	217	151	6	1	59	19	40	-	-
Steam or hot water system	23	19	-	-	4	3	1	-	-
Electric heat pump	52	41	-	-	11	9	2	-	-
Built-in electric units	443	336	17	4	86	78	2	-	5
Floor, wall, or other built-in hot-air units without ducts	101	94	1	1	4	4	-	-	-
Room heaters with flue	185	162	6	-	17	11	6	-	-
Room heaters without flue	456	389	7	3	56	27	27	2	-
Portable electric heaters	1 733	1 520	45	5	162	105	50	7	-
Stoves	412	321	14	1	76	44	27	5	-
Fireplaces with inserts	283	159	-	2	122	115	2	2	2
Fireplaces with no inserts	1 571	937	21	4	609	598	11	-	-
Other	151	128	3	-	19	19	-	-	-
Plumbing²									
With all plumbing facilities	31 596	24 562	551	98	6 385	5 340	809	157	80
Lacking some plumbing facilities ¹	136	84	28	-	24	8	4	2	11
No hot piped water	12	10	-	-	2	-	-	2	-
No bathtub nor shower	123	77	28	-	18	5	-	2	11
No flush toilet	90	52	21	-	17	3	4	-	11
No plumbing facilities for exclusive use	674	524	45	2	102	80	16	5	2
Source of Water									
Public system or private company	30 279	23 594	583	96	6 005	5 180	600	139	87
Well serving 1 to 5 units	1 598	1 181	30	3	385	161	200	21	2
Drilled	1 236	905	21	-	310	139	155	16	-
Dug	200	145	3	-	52	15	35	-	2
Not reported	162	131	6	3	23	7	11	5	-
Other	529	395	11	1	122	86	28	4	4
Means of Sewage Disposal									
Public sewer	29 191	22 888	526	97	5 680	5 112	358	124	85
Septic tank, cesspool, chemical toilet	3 160	2 236	97	3	825	315	466	36	7
Other	55	47	1	-	8	-	4	4	-

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

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

Table 4-5. Fuels—Renter Occupied Units

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	32 408	25 170	624	100	6 512	5 427	828	164	93
Main House Heating Fuel									
Housing units with heating fuel	31 930	24 774	610	100	6 448	5 378	824	161	82
Electricity	10 150	6 316	95	15	3 723	3 495	183	40	18
Piped gas	15 500	13 121	336	59	1 984	1 560	288	81	58
Bottled gas	768	492	4	-	272	81	158	13	10
Fuel oil	4 046	3 685	130	14	217	141	67	9	1
Kerosene or other liquid fuel	351	236	2	4	108	18	81	9	9
Coal or coke	63	52	6	-	5	-	4	2	-
Wood	825	671	32	5	117	71	39	7	-
Solar energy	1	-	-	-	1	1	-	-	-
Other	225	201	5	3	17	10	5	3	-
Other House Heating Fuels									
With other heating fuels ¹	3 292	2 520	56	12	703	541	139	15	7
Electricity	1 340	1 117	30	7	186	111	64	7	5
Piped gas	222	166	4	3	48	38	10	-	-
Bottled gas	74	60	4	-	10	2	8	-	-
Fuel oil	138	131	4	-	4	2	2	2	-
Kerosene or other liquid fuel	363	309	8	-	48	23	23	-	-
Coal or coke	27	24	-	-	2	-	-	-	-
Wood	1 158	747	7	2	402	358	34	7	2
Solar energy	21	19	-	-	2	2	-	-	-
Other	57	41	1	-	15	15	-	-	-
Not reported	238	192	4	-	42	24	18	-	-
Cooking Fuel									
With cooking fuel	32 139	24 985	588	99	6 467	5 423	828	159	57
Electricity	17 428	12 278	290	47	4 812	4 404	282	89	37
Piped gas	13 701	12 068	278	48	1 309	939	293	61	16
Bottled gas	912	573	22	4	312	75	223	10	4
Kerosene or other liquid fuel	55	31	-	-	24	-	24	-	-
Coal or coke	9	-	-	-	-	-	-	-	-
Wood	9	9	-	-	-	-	-	-	-
Other	38	25	-	-	11	4	8	-	-
Water Heating Fuel									
With hot piped water	32 304	25 096	602	100	6 508	5 427	828	158	93
Electricity	12 211	8 072	158	28	3 953	3 413	482	68	10
Piped gas	16 685	14 038	358	62	2 228	1 844	234	75	74
Bottled gas	571	371	13	-	187	68	98	11	10
Fuel oil	2 432	2 306	69	7	50	44	4	3	-
Kerosene or other liquid fuel	60	35	-	-	25	3	22	-	-
Coal or coke	9	9	-	-	-	-	-	-	-
Wood	11	10	-	-	-	-	-	-	-
Solar energy	49	31	2	-	16	16	-	-	-
Other	275	225	1	3	47	38	9	-	-
Central Air Conditioning Fuel									
With central air conditioning	10 809	6 569	61	18	4 160	3 926	168	31	35
Electricity	10 250	6 162	61	15	4 010	3 781	163	31	35
Piped gas	501	363	-	3	135	135	-	-	-
Other	58	44	-	-	14	9	5	-	-
Clothes Dryer Fuel									
With clothes dryer	12 292	8 795	163	49	3 285	2 884	341	53	7
Electricity	10 217	7 066	126	39	2 986	2 610	322	52	2
Piped gas	1 960	1 627	37	10	288	267	14	1	4
Other	115	102	-	-	13	8	6	-	-
Units Using Each Fuel¹									
Electricity	32 389	25 157	624	100	6 508	5 427	828	164	89
All-electric units	7 871	4 891	56	9	3 115	2 992	88	29	6
Piped gas	20 912	17 701	448	78	2 689	2 144	369	100	77
Bottled gas	1 415	935	30	5	446	129	289	19	10
Fuel oil	4 967	4 508	144	16	302	188	87	19	10
Kerosene or other liquid fuel	748	588	11	4	164	4	113	9	-
Coal or coke	93	79	6	-	5	2	4	2	-
Wood	1 987	1 422	38	5	519	429	73	14	2
Solar energy	68	47	2	-	18	18	-	-	-
Other	493	410	7	3	74	62	9	3	-

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	32 406	25 170	624	100	6 512	5 427	828	164	93
Water Supply Stoppage									
With hot and cold piped water	32 304	25 096	602	100	6 506	5 427	828	158	93
No stoppage in last 3 months	30 112	23 325	562	92	6 133	5 169	733	145	86
With stoppage in last 3 months	1 784	1 460	35	9	280	213	52	9	6
No stoppage lasting 6 hours or more	693	581	16	1	96	78	13	7	—
1 time lasting 6 hours or more	648	498	9	7	134	99	27	1	6
2 times	161	141	6	—	14	13	1	—	—
3 times	81	64	1	—	16	8	8	—	—
4 times or more	92	87	—	—	5	2	3	—	—
Number of times not reported	110	90	2	1	16	16	—	—	—
Stoppage not reported	409	311	5	—	82	45	43	4	—
Flush Toilet Breakdowns									
With one or more flush toilets	32 226	25 054	582	100	6 491	5 424	824	160	82
With at least one working toilet at all times in last 3 months	29 781	23 095	541	90	6 054	5 101	737	150	66
None working some time in last 3 months	2 279	1 827	35	9	410	301	84	8	16
No breakdowns lasting 6 hours or more	696	549	10	—	137	101	18	6	11
1 time lasting 6 hours or more	988	792	13	7	178	128	48	—	—
2 times	242	193	4	1	44	33	6	—	5
3 times	90	74	2	1	14	9	5	—	—
4 times or more	121	104	1	—	16	10	5	2	—
Number of times not reported	141	114	4	1	23	20	2	—	—
Breakdowns not reported	166	132	6	1	27	22	3	2	—
Sewage Disposal Breakdowns									
With public sewer	29 191	22 888	526	97	5 680	5 112	358	124	85
No breakdowns in last 3 months	28 634	22 428	523	96	5 587	5 040	338	124	85
With breakdowns in last 3 months	557	460	4	1	92	73	20	—	—
No breakdowns lasting 6 hours or more	168	134	2	—	32	28	4	—	—
1 time lasting 6 hours or more	259	211	—	1	47	34	13	—	—
2 times	59	48	—	—	11	11	—	—	—
3 times	29	27	—	—	2	—	2	—	—
4 times or more	41	40	1	—	—	—	—	—	—
With septic tank or cesspool	3 160	2 236	97	3	825	315	466	36	7
No breakdowns in last 3 months	3 029	2 125	95	2	807	312	452	36	7
With breakdowns in last 3 months	131	110	1	1	18	3	15	—	—
No breakdowns lasting 6 hours or more	31	25	1	—	5	—	5	—	—
1 time lasting 6 hours or more	77	67	—	1	9	1	8	—	—
2 times	14	12	—	—	2	2	—	—	—
3 times	2	—	—	—	2	—	2	—	—
4 times or more	7	7	—	—	—	—	—	—	—
Heating Problems									
With heating equipment and occupied last winter	24 514	19 634	465	78	4 339	3 623	553	105	58
Not uncomfortably cold for 24 hours or more last winter	21 786	17 240	406	63	4 078	3 433	497	93	56
Uncomfortably cold for 24 hours or more last winter!	2 647	2 323	60	13	251	186	53	10	2
Equipment breakdowns	944	847	14	4	79	56	20	3	—
No breakdowns lasting 6 hours or more	51	40	4	—	7	—	7	—	—
1 time lasting 6 hours or more	451	398	3	3	47	39	5	3	—
2 times	141	127	3	—	12	7	5	—	—
3 times	83	77	—	1	5	3	2	—	—
4 times or more	145	139	4	—	2	2	—	—	—
Number of times not reported	73	66	—	—	7	6	1	—	—
Other causes	1 878	1 637	49	10	183	135	37	8	2
Utility interruption	289	231	8	1	48	30	14	2	2
Inadequate heating capacity	532	487	16	—	30	25	3	2	—
Inadequate insulation	316	281	7	6	22	22	—	—	—
Other	657	573	13	3	68	47	21	—	—
Not reported	85	65	4	—	15	12	—	4	—
Reason for discomfort not reported	5	5	—	—	1	—	1	—	—
Discomfort not reported	81	71	—	—	10	4	4	2	—
Electric Fuses and Circuit Breakers									
With electrical wiring	32 400	25 164	624	100	6 512	5 427	828	164	93
No fuses or breakers blown in last 3 mo.	27 897	21 494	516	74	5 813	4 890	689	141	93
With fuses or breakers blown in last 3 mo.	4 009	3 314	102	21	573	430	128	14	—
1 time	1 697	1 385	41	3	268	209	54	5	—
2 times	842	691	18	11	122	96	22	4	—
3 times	429	355	15	3	56	38	16	5	—
4 times or more	705	610	15	4	77	45	32	—	—
Number of times not reported	336	273	13	—	50	45	5	—	—
Problem not reported or don't know	494	357	5	5	127	107	11	9	—

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by-		Units added through-				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	32 406	25 170	624	100	6 512	5 427	828	164	93
Selected Amenities¹									
Porch, deck, balcony, or patio	20 206	15 013	331	68	4 793	4 178	527	64	27
Not reported	77	60	1	-	15	7	4	-	5
Telephone available	28 486	22 078	462	87	5 859	5 024	620	122	82
Usable fireplace	4 049	2 540	58	14	1 436	1 403	21	8	4
Separate dining room	9 650	7 838	119	45	1 649	1 524	94	23	7
With 2 or more living rooms or recreation rooms, etc.	3 213	2 684	61	20	448	408	35	-	5
Garage or carport included with home	10 133	7 879	108	23	2 123	1 989	95	28	14
Not included	22 143	17 169	513	77	4 384	3 433	733	139	79
Offstreet parking included	16 028	11 607	326	53	4 042	3 175	692	109	66
Offstreet parking not reported	314	245	5	-	64	49	10	2	2
Garage or carport not reported	130	122	2	-	6	6	-	-	-
Cars and Trucks Available¹									
No cars, trucks, or vans	7 045	6 005	187	31	622	578	154	35	55
Other households without cars	1 721	1 252	40	5	424	291	104	25	3
1 car with or without trucks or vans	16 552	12 622	307	37	3 586	3 055	434	72	28
2 cars	6 152	4 576	81	20	1 475	1 309	127	23	9
3 or more cars	936	716	8	7	205	184	8	3	1
With cars, no trucks or vans	19 261	14 561	339	51	4 310	3 785	417	76	31
1 truck or van with or without cars	5 366	4 031	92	17	1 226	969	209	45	4
2 or more trucks or vans	734	573	6	1	154	93	49	9	3
Owner or Manager on Property									
Rental, multiunit ²	20 222	15 411	624	51	4 138	3 997	13	78	50
Owner or manager lives on property	7 585	5 533	173	10	1 869	1 820	-	32	17
Neither owner nor manager lives on property	12 595	9 873	413	41	2 269	2 178	12	46	33
Not reported	42	4	37	-	-	-	-	-	-
Selected Deficiencies¹									
Signs of rats in last 3 months	1 733	1 500	44	14	175	78	82	9	5
Holes in floors	613	520	16	5	72	30	38	4	-
Open cracks or holes (interior)	2 532	2 245	43	15	229	160	53	16	-
Broken plaster or peeling paint (interior)	1 943	1 794	27	7	115	80	22	12	-
No electrical wiring	6	6	-	-	-	-	-	-	-
Exposed wiring	777	619	29	5	124	88	25	7	4
Rooms without electric outlets	787	699	19	5	65	39	16	10	-
Water Leakage During Last 12 Months									
No leakage from inside structure	27 016	20 756	543	85	5 632	4 709	707	134	82
With leakage from inside structure ¹	5 307	4 344	81	15	867	707	122	28	10
Fixtures backed up or overflowed	1 634	1 313	31	2	288	234	47	7	-
Pipes leaked	2 837	2 395	47	12	383	281	74	17	10
Other or unknown (includes not reported)	1 059	832	3	2	222	202	16	4	-
Interior leakage not reported	83	70	-	-	13	-	-	2	-
No leakage from outside structure	28 268	21 756	527	74	5 912	4 990	689	147	86
With leakage from outside structure ¹	4 010	3 311	92	27	580	422	136	15	7
Roof	1 992	1 650	51	16	274	157	101	11	5
Basement	786	730	15	6	35	32	-	1	5
Walls, closed windows, or doors	962	739	21	2	201	158	38	-	5
Other or unknown (includes not reported)	502	384	9	3	106	94	8	3	-
Exterior leakage not reported	128	103	5	-	20	15	3	2	-
Overall Opinion of Structure									
1 (worst)	427	387	7	3	29	24	6	-	-
2	278	232	7	1	38	20	19	-	-
3	426	353	12	-	61	35	26	-	-
4	753	629	15	3	106	63	35	4	4
5	3 512	2 943	74	14	481	311	139	23	9
6	2 512	2 123	41	9	339	242	71	16	11
7	5 014	4 056	100	14	845	712	112	15	5
8	8 073	6 089	169	24	1 791	1 580	170	22	39
9	3 747	2 700	65	12	970	892	52	20	5
10 (best)	7 354	5 384	127	20	1 823	1 550	190	62	20
Not reported	311	275	7	-	29	18	8	2	-
Selected Physical Problems									
Severe physical problems ¹	1 168	939	80	6	143	92	27	7	17
Plumbing	810	608	73	2	127	87	19	7	13
Heating	228	217	4	1	7	4	2	-	-
Electric	27	23	-	-	4	-	-	-	4
Upkeep	137	126	3	3	5	-	5	-	-
Hallways	-	-	-	-	-	-	-	-	-
Moderate physical problems ¹	2 276	2 014	38	15	210	81	84	19	25
Plumbing	190	157	3	1	29	19	9	2	-
Heating	822	731	8	7	76	14	51	11	-
Upkeep	1 043	966	15	9	53	24	24	6	-
Hallways	44	37	4	-	2	2	-	-	-
Kitchen	326	256	10	1	58	30	2	1	25

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

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

Table 4-8. Neighborhood—Renter Occupied Units.

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	32 406	25 170	624	100	6 512	5 427	628	164	93
Overall Opinion of Neighborhood									
1 (worst)	888	788	24	6	70	62	5	-	3
2	554	452	8	2	82	51	31	4	5
3	795	627	15	3	149	116	20	13	-
4	900	733	24	4	139	128	9	2	-
5	3 392	2 788	49	7	549	439	73	19	18
6	2 291	1 823	51	6	411	364	33	5	9
7	4 123	3 236	85	6	796	710	53	23	10
8	6 835	5 167	131	27	1 510	1 310	149	27	24
9	3 721	2 797	85	8	831	741	78	12	1
10 (best)	8 272	6 216	138	28	1 890	1 463	352	52	23
No neighborhood	182	139	6	-	38	16	17	5	-
Not reported	453	404	9	2	38	27	9	2	-
Neighborhood Conditions									
With neighborhood	31 771	24 627	609	98	6 437	5 384	803	157	93
No problems	18 479	14 136	370	57	3 817	3 199	562	106	50
With problems ¹	13 179	10 411	235	41	2 493	2 184	236	51	43
Crime	3 826	3 146	81	21	577	501	46	10	19
Noise	3 567	2 888	73	11	595	533	39	15	9
Traffic	2 491	2 053	54	3	382	327	31	13	11
Litter or housing deterioration	1 295	1 087	30	4	175	149	15	-	10
Poor city or county services	466	413	6	1	47	35	6	-	5
Undesirable commercial, institutional, industrial	528	433	11	1	83	66	8	4	5
People	4 936	3 900	72	14	950	775	114	31	5
Other	2 424	1 786	32	5	601	517	75	4	29
Type of problem not reported	180	128	-	-	52	50	5	2	5
Presence of problems not reported	112	81	3	1	27	21	6	-	-
Description of Area Within 300 Feet¹									
Single-family detached houses	6 840	5 442	431	21	946	891	3	23	28
Only single-family detached	-	-	-	-	-	-	-	-	-
Single-family attached or 1 to 3 story multiunit	13 639	10 233	280	31	3 094	3 024	10	31	29
4 to 6 story multiunit	3 203	2 823	60	11	309	266	9	17	17
7 stories or more multiunit	1 652	1 506	19	6	121	104	2	15	-
Mobile homes	212	148	19	2	45	43	-	2	-
Commercial, institutional, or industrial	6 145	5 013	229	19	879	808	-	35	36
Residential parking lots	5 195	3 723	42	17	1 414	1 367	7	13	27
Body of water	641	445	16	-	181	177	-	4	-
Open space, park, farm, or ranch	3 614	2 499	102	9	1 004	967	2	33	3
4+ lane highway, railroad, or airport	2 304	1 782	52	7	463	432	9	12	11
Other	971	746	58	3	163	152	3	8	-
Not observed or not reported	1 960	1 474	66	1	419	410	-	9	-
Age of Other Residential Buildings Within 300 Feet									
Older	1 241	764	5	-	472	455	3	10	4
About the same	13 247	10 135	425	35	2 652	2 595	-	35	21
Newer	383	323	26	1	33	33	-	1	-
Very mixed	2 739	2 237	83	13	406	353	9	19	25
No other residential buildings	581	411	21	1	148	144	-	4	-
Not reported	2 031	1 540	64	1	426	418	-	9	-
Mobile Homes In Group									
Mobile homes	1 249	261	-	-	989	191	797	-	-
1 to 6	828	158	-	-	670	128	544	-	-
7 to 20	154	27	-	-	127	26	101	-	-
21 or more	267	76	-	-	191	39	152	-	-
Not reported	-	-	-	-	-	-	-	-	-
Other Buildings Vandalized or With Interior Exposed									
None	16 786	12 765	497	45	3 480	3 366	13	66	35
1 building	326	285	13	1	28	24	-	-	4
More than 1 building	552	479	22	3	48	37	-	-	11
No buildings within 300 feet	291	179	13	1	99	96	-	3	-
Not reported	2 265	1 702	78	1	484	475	-	9	-
Bars on Windows of Buildings									
With other buildings within 300 feet	17 685	13 529	532	49	3 555	3 427	13	66	50
No bars on windows	14 706	10 922	453	38	3 293	3 199	11	49	34
1 building with bars	527	437	20	4	66	56	2	8	-
2 or more buildings with bars	2 315	2 086	56	6	167	144	7	7	16
Not reported	117	84	3	-	30	28	-	2	-
Condition of Streets									
No repairs needed	13 594	10 067	394	35	3 098	2 993	9	53	43
Minor repairs needed	3 996	3 373	153	12	458	439	4	15	1
Major repairs needed	379	320	11	1	47	41	-	-	5
No streets within 300 feet	243	148	2	-	83	83	-	-	-
Not reported	2 010	1 503	64	2	442	431	-	10	-
Trash, Litter, or Junk on Streets or any Properties									
None	12 738	9 210	364	34	3 129	3 046	12	43	27
Minor accumulation	5 023	4 310	181	11	522	492	-	20	11
Major accumulation	471	399	15	2	55	39	-	4	12
Not reported	1 990	1 492	64	3	431	421	-	10	-

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

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

Table 4-9. Household Composition—Renter Occupied Units

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Population in housing units	78 097	61 607	1 294	321	14 874	12 136	2 130	425	183
Total	32 406	25 170	624	100	6 512	5 427	828	164	93
Persons									
1 person	11 110	8 554	280	27	2 249	1 892	249	65	43
2 persons	8 947	6 862	166	14	2 105	1 806	231	37	31
3 persons	5 519	4 380	98	22	1 040	881	140	16	2
4 persons	3 727	3 035	51	15	627	476	115	22	14
5 persons	1 913	1 594	10	8	302	245	49	8	-
6 persons	665	543	10	6	106	80	20	4	2
7 persons or more	525	423	9	9	83	46	25	13	-
Median	2.1	2.1	1.7	2.9	2.0	2.0	2.2	2.0	1.6
Number of Single Children Under 18 Years Old									
None	20 043	15 348	424	49	4 221	3 604	440	96	81
1	5 370	4 175	93	20	1 083	890	166	27	-
2	4 122	3 313	72	9	728	587	118	13	9
3	1 891	1 541	22	14	315	237	53	24	-
4	650	518	4	1	127	81	40	4	2
5	206	168	7	6	26	19	7	-	-
6 or more	124	109	2	1	11	8	3	-	-
Median	.5	.5	.5	.5	.5	.5	.5	.5	.5
Persons 65 Years Old and Over									
None	27 245	20 968	556	80	5 641	4 691	739	141	69
1 person	4 272	3 471	51	17	732	612	74	23	23
2 persons or more	889	731	16	3	139	124	15	-	-
Age of Householder									
Under 25 years	3 782	2 772	97	17	906	757	113	29	7
25 to 29	5 246	3 763	129	10	1 344	1 137	178	26	5
30 to 34	5 257	4 013	119	6	1 119	938	146	25	11
35 to 44	7 212	5 770	110	33	1 286	1 071	159	45	24
45 to 54	3 722	2 955	64	14	689	556	107	13	13
55 to 64	2 375	1 987	42	5	341	282	44	4	11
65 to 74	2 290	1 862	25	5	389	332	48	16	3
75 years and over	2 512	2 048	37	10	416	355	35	7	19
Median	38	39	34	40	34	34	34	36	45
Household Composition by Age of Householder									
2-or-more person households	21 296	16 616	343	73	4 263	3 535	579	99	50
Married-couple families, no nonrelatives	10 464	8 183	127	37	2 117	1 735	305	60	18
Under 25 years	987	714	18	4	250	204	35	12	-
25 to 29 years	1 885	1 332	23	5	525	436	88	2	-
30 to 34 years	2 046	1 617	29	2	400	325	57	11	6
35 to 44 years	2 558	2 093	25	15	425	344	55	24	2
45 to 64 years	2 059	1 677	21	8	353	288	50	7	7
65 years and over	928	751	11	3	163	139	20	5	-
Other male householder	3 499	2 682	76	12	749	620	97	15	17
Under 45 years	2 866	2 142	67	12	645	535	86	13	11
45 to 64 years	484	391	5	-	89	70	11	2	7
65 years and over	150	130	4	-	16	16	-	-	-
Other female householder	7 333	5 771	140	25	1 397	1 180	177	25	16
Under 45 years	5 631	4 339	118	16	1 158	981	142	24	11
45 to 64 years	1 247	1 033	15	6	156	156	32	-	5
65 years and over	455	399	6	2	46	43	2	1	-
1-person households	11 110	8 554	280	27	2 249	1 892	249	65	43
Male householder	5 021	3 839	163	7	1 012	832	128	37	15
Under 45 years	3 192	2 357	113	5	717	597	91	25	4
45 to 64 years	1 095	844	39	1	212	168	31	8	4
65 years and over	734	637	11	1	84	67	5	4	7
Female householder	6 089	4 715	117	20	1 236	1 060	121	28	28
Under 45 years	2 342	1 726	63	7	546	482	38	13	13
45 to 64 years	1 211	996	27	4	184	157	27	-	-
65 years and over	2 536	1 993	28	9	506	421	58	14	15
Adults and Single Children Under 18 Years Old									
Total households with children	12 363	9 821	200	51	2 291	1 823	388	69	12
Married couples	6 214	4 951	90	24	1 149	905	194	39	12
One child under 6 only	1 484	1 146	32	6	299	252	44	3	-
One under 6, one or more 6 to 17	1 195	950	15	4	228	155	46	20	5
Two or more under 6 only	757	595	13	2	146	119	28	-	-
Two or more under 6, one or more 6 to 17	452	352	5	3	92	78	12	2	-
One or more 6 to 17 only	2 327	1 907	25	9	386	301	65	13	7
Other households with two or more adults	2 331	1 913	27	18	372	303	54	15	-
One child under 6 only	543	435	6	2	99	84	12	2	-
One under 6, one or more 6 to 17	339	288	7	3	44	34	10	-	-
Two or more under 6 only	208	160	8	-	39	34	-	4	-
Two or more under 6, one or more 6 to 17	181	151	2	3	28	21	5	-	-
One or more 6 to 17 only	1 061	881	4	11	185	130	27	8	-
Households with one adult or none	3 818	2 958	83	9	769	615	140	15	-
One child under 6 only	615	461	20	1	133	101	29	3	-
One under 6, one or more 6 to 17	665	528	18	2	116	91	25	-	-
Two or more under 6 only	349	264	6	-	78	52	21	5	-
Two or more under 6, one or more 6 to 17	228	193	5	1	29	18	13	-	-
One or more 6 to 17 only	1 962	1 512	33	4	412	354	52	6	-
Total households with no children	20 043	15 348	424	49	4 221	3 604	440	96	81
Married couples	4 390	3 337	37	13	1 003	863	114	21	5
Other households with two or more adults	4 550	3 462	106	10	972	852	77	9	33
Households with one adult	11 102	8 549	280	27	2 246	1 889	249	65	43

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
Own Never Married Children Under 18 Years Old										
No own children under 18 years	21 081	16 197	430	55	4 399	3 747	468	103	81	
With own children under 18 years	11 325	8 973	194	45	2 113	1 880	360	62	12	
Under 6 years only	3 587	2 780	86	10	730	585	131	14	-	
1	2 369	1 820	59	7	483	395	82	6	-	
2	986	773	21	1	192	154	36	2	-	
3 or more	231	168	6	2	55	36	13	5	-	
6 to 17 years only	5 130	4 126	67	22	915	734	149	25	7	
1	2 584	2 021	40	9	514	427	71	16	-	
2	1 725	1 420	24	6	274	215	46	7	7	
3 or more	821	685	3	6	127	93	32	2	-	
Both age groups	2 608	2 088	40	13	488	360	80	23	5	
2	1 121	880	22	3	215	180	29	4	2	
3 or more	1 487	1 206	19	10	253	180	52	19	2	
Persons Other Than Spouse or Children¹										
With other relatives	5 205	4 322	68	30	787	663	92	25	7	
Single adult offspring 18 to 29	2 476	2 063	28	13	372	308	42	19	2	
Single adult offspring 30 years of age or over	559	479	6	2	72	66	5	2	-	
Households with three generations	722	616	5	5	95	79	17	-	-	
Households with 1 subfamily	731	619	7	3	101	77	23	2	-	
Subfamily hd	517	426	6	1	83	59	23	2	-	
30 to 64	201	179	1	2	18	18	-	-	-	
65 and over	13	13	-	-	-	-	-	-	-	
Households with 2 or more subfamilies	37	31	1	-	5	5	-	-	-	
Households with other types of relatives	2 326	1 935	31	16	344	305	31	4	5	
With non-relatives	4 043	3 007	95	9	932	787	103	15	28	
Co-owners or co-renters	2 408	1 777	54	7	570	498	32	14	28	
Lodgers	503	385	11	1	107	98	11	-	-	
Unrelated children, under 18 years old	453	350	4	2	97	67	27	2	-	
Other non-relatives	1 157	872	28	2	255	198	57	-	-	
One or more secondary families	373	301	-	2	70	48	22	2	-	
2-person households, none related to each other	2 260	1 619	65	1	574	500	44	7	23	
3-8 person households, none related to each other	488	380	11	4	93	82	3	3	5	
Years of School Completed by Householder										
No school years completed	183	154	2	1	26	20	-	-	5	
Elementary:										
less than 8 years	1 952	1 641	33	10	268	156	90	11	11	
8 years	1 252	1 045	14	5	188	123	59	4	2	
High School:										
1 to 3 years	4 304	3 513	87	13	691	451	185	33	21	
4 years	11 477	8 901	282	35	2 259	1 815	345	73	26	
College:										
1 to 3 years	6 656	5 057	118	18	1 463	1 311	119	17	17	
4 years or more	6 581	4 858	87	18	1 617	1 550	30	27	10	
Median	12.7	12.7	12.6	12.6	12.9	13.4	12.2	12.5	12.2	
Year Householder Moved Into Unit										
1990 to 1994	15 987	11 594	269	31	4 093	3 517	458	91	29	
1985 to 1989	10 116	7 925	148	28	2 016	1 662	273	46	34	
1980 to 1984	2 761	2 408	35	6	312	246	51	10	5	
1975 to 1979	1 376	1 322	15	4	35	35	18	17	-	
1970 to 1974	838	785	13	3	36	36	16	-	20	
1960 to 1969	709	673	17	10	9	-	3	-	5	
1950 to 1959	351	268	68	11	7	-	7	-	-	
1940 to 1949	199	132	57	7	2	-	2	-	-	
1939 or earlier	70	65	1	1	2	-	-	-	-	
Median	1988	1988	1981	1979	1987	1987	1988	1988	1985	
Household Moves and Formation in Last Year										
Total with a move in last year	12 900	9 280	267	36	3 317	2 833	370	79	35	
Household all moved here from one unit	9 460	6 641	209	25	2 584	2 202	297	66	19	
Householder of previous unit did not move here	2 307	1 673	78	5	551	466	81	16	8	
Householder of previous unit moved here	6 826	4 754	128	19	1 925	1 640	224	51	10	
Householder of previous unit not reported	327	214	4	1	108	97	11	-	-	
Household moved here from two or more units	1 832	1 305	38	6	483	425	35	13	11	
No previous householder moved here	518	376	14	1	125	105	11	4	5	
1 previous householder moved here	373	239	12	2	120	104	8	3	5	
2 or more previous householders moved here	775	567	13	2	193	172	16	6	-	
Previous householder(s) not reported	168	123	-	1	45	45	-	-	-	
Some already here, rest moved in	1 589	1 315	20	5	249	205	39	-	5	
No previous householder moved here	672	546	6	1	119	90	23	-	5	
1 or more previous householders moved here	690	583	12	2	93	77	16	-	-	
Previous householder(s) not reported	227	185	2	2	38	38	-	-	-	
Number of previous units not reported	19	19	-	-	-	-	-	-	-	

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

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

Table 4-10. Income Characteristics—Renter Occupied Units

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	32 406	25 170	624	100	8 512	5 427	828	164	93
Household Income									
Less than \$5,000	3 121	2 499	62	11	550	375	138	26	11
\$5,000 to \$9,999	5 098	4 103	106	22	867	661	160	25	21
\$10,000 to \$14,999	3 933	3 104	111	11	707	508	164	19	16
\$15,000 to \$19,999	3 594	2 820	72	12	689	542	123	19	5
\$20,000 to \$24,999	3 360	2 660	63	11	626	514	94	15	2
\$25,000 to \$29,999	3 352	2 541	67	12	732	609	70	31	22
\$30,000 to \$34,999	2 390	1 851	25	7	506	465	36	5	—
\$35,000 to \$39,999	1 610	1 224	21	5	360	340	18	—	1
\$40,000 to \$49,999	2 507	1 861	45	2	599	567	13	13	5
\$50,000 to \$59,999	1 418	1 065	21	—	331	323	3	2	2
\$60,000 to \$79,999	1 177	843	16	2	315	304	4	—	5
\$80,000 to \$99,999	417	275	8	1	133	124	3	—	—
\$100,000 to \$119,999	159	117	—	1	40	38	—	—	—
\$120,000 or more	273	205	7	2	59	56	—	—	—
Median	20 680	20 110	17 317	17 666	23 539	25 937	13 552	18 175	14 138
As percent of poverty level									
Less than 50 percent	2 879	2 338	52	18	471	336	114	21	1
50 to 99	4 570	3 660	92	16	802	540	213	28	21
100 to 149	4 553	3 613	125	12	804	589	155	35	24
150 to 199	3 803	3 068	70	17	649	526	99	18	5
200 percent or more	16 601	12 491	285	38	3 787	3 436	247	63	41
Income of Families and Primary Individuals									
Less than \$5,000	3 541	2 804	68	11	658	445	169	28	17
\$5,000 to \$9,999	5 437	4 361	122	26	927	692	167	30	37
\$10,000 to \$14,999	4 204	3 325	112	11	756	578	145	17	16
\$15,000 to \$19,999	3 751	2 934	71	12	734	597	122	15	—
\$20,000 to \$24,999	3 450	2 714	65	10	662	556	87	16	2
\$25,000 to \$29,999	3 353	2 542	66	11	733	620	66	30	18
\$30,000 to \$34,999	2 248	1 729	32	7	480	440	36	5	—
\$35,000 to \$39,999	1 414	1 073	18	4	319	304	14	—	—
\$40,000 to \$49,999	1 414	1 073	27	—	501	480	10	12	—
\$50,000 to \$59,999	2 175	1 673	17	—	282	275	2	2	2
\$60,000 to \$79,999	1 163	872	13	2	253	242	7	4	—
\$80,000 to \$99,999	941	673	8	1	112	107	—	5	—
\$100,000 to \$119,999	350	231	—	—	40	40	—	—	—
\$120,000 or more	134	93	—	1	40	40	—	—	—
Median	243	180	7	2	54	52	—	—	—
19 026	18 570	15 693	15 571	21 363	23 614	12 696	17 171	8 960	
Income Sources of Families and Primary Individuals									
Wages and salaries	24 277	18 604	470	69	5 134	4 353	606	131	43
Wages and salaries were majority of income	22 492	17 180	428	67	4 817	4 101	555	119	42
2 or more people each earned over 20% of wages and salaries	6 008	4 710	61	21	1 214	1 069	114	22	8
Business, farm, or ranch	1 711	1 308	42	9	353	307	38	3	5
Social security or pensions	6 664	5 400	97	19	1 148	963	113	27	45
Interest or dividend(s)	3 037	2 292	27	7	710	674	17	6	13
Rental income	1 156	907	22	2	228	208	15	—	2
With lodger(s)	503	385	11	1	107	96	11	—	—
Welfare or SSI	4 464	3 639	109	26	690	464	186	13	28
Alimony or child support	1 733	1 329	24	4	377	301	68	7	1
Other	3 483	2 767	72	6	638	517	111	7	4
Amount of Savings and Investments									
Income of \$25,000 or less	21 175	16 731	457	75	3 912	3 006	708	112	85
No savings or investments	13 179	10 510	293	46	2 330	1 686	530	66	48
\$25,000 or less	5 557	4 347	121	22	1 067	875	129	41	23
More than \$25,000	709	553	9	3	144	129	3	1	11
Not reported	1 730	1 321	35	4	371	316	47	4	3
Food Stamps									
Income of \$25,000 or less	21 175	16 731	457	75	3 912	3 006	708	112	85
Family members received food stamps	4 958	4 059	114	24	760	508	228	24	—
Did not receive food stamps	15 018	11 784	322	48	2 864	2 249	452	81	82
Not reported	1 200	889	21	2	288	249	28	7	3
Rent Reductions									
No subsidy or income reporting	27 424	21 224	554	85	5 561	4 597	770	129	64
Rent control	1 117	1 060	7	2	48	42	4	2	—
No rent control	26 276	20 138	547	82	5 508	4 551	767	127	64
Reduced by owner	1 725	1 420	60	9	236	134	84	30	7
Not reduced by owner	24 348	18 556	477	73	5 242	4 393	697	97	56
Owner reduction not reported	202	162	11	—	30	23	6	—	1
Rent control not reported	31	27	—	—	4	—	—	—	—
Owned by public housing authority	2 054	1 859	23	7	365	340	9	13	3
Other, Federal subsidy	1 541	1 148	14	5	374	338	22	12	1
Other, State or local subsidy	563	456	18	3	86	48	6	6	25
Other, income verification	449	374	7	—	68	68	—	—	—
Subsidy or income verification not reported	374	308	7	—	59	36	20	4	—

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	32 406	25 170	624	100	6 512	5 427	828	164	93
Monthly Housing Costs									
Less than \$100	546	434	8	1	105	94	5	5	-
\$100 to \$199	2 127	1 740	29	4	353	257	67	19	9
\$200 to \$249	1 378	1 142	49	2	185	86	77	11	11
\$250 to \$299	1 888	1 579	40	6	263	139	99	24	-
\$300 to \$349	2 504	2 064	46	11	383	207	159	16	1
\$350 to \$399	2 741	2 212	49	12	468	334	125	3	7
\$400 to \$449	2 922	2 352	56	13	501	422	64	15	-
\$450 to \$499	2 756	2 164	45	6	541	487	39	13	2
\$500 to \$599	4 556	3 491	95	8	961	913	34	11	4
\$600 to \$699	3 236	2 315	43	10	867	804	19	9	36
\$700 to \$799	2 081	1 513	42	8	517	511	2	2	2
\$800 to \$999	1 970	1 399	46	3	523	519	2	2	-
\$1,000 to \$1,249	799	546	5	6	242	227	10	2	4
\$1,250 to \$1,499	311	214	9	2	86	86	-	-	-
\$1,500 or more	243	164	2	1	76	78	-	-	-
No cash rent	2 348	1 840	60	7	440	264	128	32	17
Mortgage payment not reported .....	...	...	...	...	...	...	...	...	...
Median (excludes no cash rent)	487	453	458	440	525	561	332	319	611
Monthly Housing Costs as Percent of Current Income									
Less than 5 percent	209	181	4	3	42	35	5	2	-
5 to 9 percent	976	767	19	1	189	143	24	22	-
10 to 14 percent	2 713	2 091	41	8	573	478	74	19	2
15 to 19 percent	4 182	3 189	55	13	925	818	91	11	6
20 to 24 percent	4 105	3 129	79	8	889	774	90	23	2
25 to 29 percent	3 861	2 974	70	8	809	737	55	10	6
30 to 34 percent	2 796	2 150	60	11	575	501	51	10	13
35 to 39 percent	1 867	1 528	46	4	390	332	48	5	5
40 to 49 percent	2 589	2 028	52	12	499	423	73	-	3
50 to 59 percent	1 652	1 347	40	3	261	227	29	1	5
60 to 69 percent	1 041	830	20	4	188	149	25	9	5
70 to 99 percent	1 562	1 244	28	7	283	196	62	6	19
100 percent or more ¹	1 866	1 481	33	13	358	281	58	9	9
Zero or negative income	518	412	16	-	90	69	16	5	-
No cash rent	2 348	1 840	60	7	440	264	128	32	17
Mortgage payment not reported .....	...	...	...	...	...	...	...	...	...
Median (excludes 3 previous lines)	28	29	30	33	27	27	30	22	51
Median (excludes 4 lines before medians)	27	27	29	30	26	26	28	21	39
Rent Paid by Lodgers									
Lodgers in housing units	503	385	11	1	107	86	11	-	-
Less than \$100 per month	28	21	-	-	7	5	2	-	-
\$100 to \$199	133	113	5	1	15	14	1	-	-
\$200 to \$299	134	109	4	-	21	21	-	-	-
\$300 to \$399	76	43	-	-	32	28	4	-	-
\$400 or more per month	69	52	2	-	15	11	3	-	-
Not reported	63	47	-	-	16	16	-	-	-
Median	244	232	...	...	305	296	...	...	...
Monthly Cost Paid for Electricity									
Electricity used	32 389	25 157	624	100	6 508	5 427	828	164	89
Less than \$25	5 713	4 752	79	8	874	755	73	40	5
\$25 to \$49	10 227	8 004	148	28	2 047	1 735	255	49	8
\$50 to \$74	5 497	3 874	77	16	1 531	1 338	175	15	2
\$75 to \$99	2 374	1 631	37	11	695	601	81	13	-
\$100 to \$149	1 626	1 158	9	9	450	404	46	-	-
\$150 to \$199	331	255	4	-	72	53	14	5	-
\$200 or more	168	123	4	2	39	28	10	1	-
Median	43	41	42	52	49	50	50	36	33
Included in rent, other fee, or obtained free	6 452	5 360	265	26	800	513	173	42	73
Monthly Cost Paid for Piped Gas									
Piped gas used	20 912	17 701	446	78	2 689	2 144	369	100	77
Less than \$25	6 545	5 369	82	11	1 082	926	124	26	7
\$25 to \$49	4 905	4 142	83	10	670	557	106	7	-
\$50 to \$74	1 868	1 628	34	12	193	144	35	15	-
\$75 to \$99	585	525	2	4	54	39	8	1	-
\$100 to \$149	281	245	3	5	29	23	6	-	5
\$150 to \$199	72	62	3	1	2	2	-	-	-
\$200 or more	63	55	5	1	3	3	-	-	-
Median	28	29	32	53	25	25	29	25	25
Included in rent, other fee, or obtained free	6 594	5 675	233	30	656	450	89	52	65
Average Monthly Cost Paid for Fuel Oil									
Fuel oil used	4 967	4 508	144	18	302	186	87	19	10
Less than \$25	423	359	11	-	53	29	23	2	-
\$25 to \$49	668	568	22	-	79	39	37	3	-
\$50 to \$74	474	427	5	-	42	30	9	-	-
\$75 to \$99	215	192	11	1	11	8	4	-	-
\$100 to \$149	166	152	5	1	8	8	-	-	1
\$150 to \$199	21	20	-	1	-	-	-	-	-
\$200 or more	29	23	2	2	3	3	-	-	-
Median	47	48	48	...	39	43	34	...	...
Included in rent, other fee, or obtained free	2 972	2 787	87	11	107	72	15	11	10
Property Insurance									
Property insurance paid	8 865	6 697	98	25	2 045	1 841	145	33	25
Median per month	15	15	14	...	17	17	17	...	...

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Monthly Costs Paid for Selected Utilities and Fuels									
Water paid separately	6 688	5 294	117	33	1 243	993	213	30	6
Median	20	20	20	--	20	20	19	--	--
Trash paid separately	4 932	3 947	74	21	890	697	168	21	4
Median	11	10	11	--	12	12	11	--	--
Bottled gas paid separately	1 277	845	21	5	406	120	264	18	4
Median	40	40	--	--	40	44	37	--	--
Other fuel paid separately	2 556	1 858	41	14	643	487	142	11	2
Median	10-	10-	--	--	10-	10-	14	--	--

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	29 039	24 560	334	150	3 995	3 751	165	55	24
Tenure									
Owner occupied	14 480	12 515	70	95	1 799	1 692	103	4	1
Percent of all occupied	49.9	51.0	21.1	63.5	45.0	45.1	62.1	7.9	2.5
Renter occupied	14 560	12 045	264	55	2 196	2 059	63	51	23
Race and Origin									
White	21 835	18 208	208	101	3 317	3 118	146	40	14
Non-Hispanic	19 132	15 880	174	93	2 985	2 819	133	30	3
Hispanic	2 703	2 328	34	9	332	299	12	10	11
Black	5 648	5 049	99	43	457	425	11	11	10
Other	1 556	1 303	27	6	221	208	8	4	-
Total Hispanic	3 182	2 757	48	11	366	325	18	12	11
Units in Structure									
1, detached	13 827	12 347	-	84	1 396	1 375	7	11	3
1, attached	2 343	1 911	-	13	419	412	-	2	5
2 to 4	4 679	4 012	255	33	379	357	10	11	-
5 to 9	2 134	1 601	71	6	455	447	-	3	-
10 to 19	1 728	1 218	2	2	505	502	-	8	-
20 to 49	1 707	1 369	5	4	328	306	2	9	11
50 or more	2 234	1 945	-	8	281	265	-	11	5
Mobile home or trailer	389	157	-	-	232	86	146	-	-
Cooperatives and Condominiums									
Cooperatives	426	412	-	4	11	11	-	-	-
Condominiums	1 152	755	2	4	390	387	-	3	-
Year Structure Built¹									
1990 to 1994	357	-	-	-	357	357	-	-	-
1985 to 1989	1 680	-	-	-	1 680	1 680	-	-	-
1980 to 1984	1 815	101	-	-	1 714	1 714	-	-	-
1975 to 1979	2 283	2 202	7	4	70	-	58	9	5
1970 to 1974	2 594	2 523	14	1	56	-	55	-	1
1960 to 1969	4 290	4 213	18	15	43	-	32	7	5
1950 to 1959	4 261	4 180	34	26	21	-	17	4	-
1940 to 1949	3 141	3 049	54	15	23	-	4	8	11
1930 to 1939	2 936	2 655	193	83	6	-	-	4	2
1920 to 1929	2 454	2 443	1	1	9	-	-	9	-
1919 or earlier	3 228	3 194	13	6	16	-	2	14	-
Median	1956	1952	1938	1938	1985	1985	1973	-	-
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	29 039	24 560	334	150	3 995	3 751	165	55	24
In central cities	29 039	24 560	334	150	3 995	3 751	165	55	24
Suburbs .....	...	...	...	...	...	...	...	...	...
Outside metropolitan statistical areas .....	...	...	...	...	...	...	...	...	...
Regions									
Northeast	6 248	5 776	157	52	263	243	6	14	-
Midwest	6 491	5 823	50	42	575	536	31	6	2
South	9 330	7 431	87	35	1 797	1 700	65	21	11
West	6 970	5 529	59	22	1 360	1 273	63	13	11
Urbanized Areas									
Inside urbanized areas	28 525	24 224	326	150	3 825	3 583	163	55	24
In central cities of (P)MSA's	28 525	24 224	326	150	3 825	3 583	163	55	24
Urban fringe .....	...	...	...	...	...	...	...	...	...
Outside urbanized areas	515	336	8	-	170	168	2	-	-
Other urban	420	317	8	-	95	95	-	-	-
Rural	95	20	-	-	75	73	2	-	-
Place Size²									
Less than 2,500 persons	-	-	-	-	-	-	-	-	-
2,500 to 9,999 persons	-	-	-	-	-	-	-	-	-
10,000 to 19,999 persons	139	92	7	-	40	40	-	-	-
20,000 to 49,999 persons	2 840	2 284	51	8	498	476	14	8	1
50,000 to 99,999 persons	4 138	3 480	31	14	612	564	42	6	-
100,000 to 249,999 persons	6 225	5 028	65	21	1 112	1 060	48	1	2
250,000 to 499,999 persons	4 960	4 194	52	26	687	633	31	13	10
500,000 to 999,999 persons	4 343	3 618	53	29	644	627	12	4	-
1,000,000 persons or more	6 394	5 865	75	53	402	351	18	22	11

¹For mobile home, oldest category is 1939 or earlier.

²Figures will not add to total, because all units are not in Places.

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	29 039	24 560	334	160	3 995	3 751	185	55	24
Stories in Structure									
1	948	738	41	3	166	166	-	-	-
2	4 070	2 965	96	8	1 001	973	10	7	11
3	3 140	2 545	110	18	468	450	-	13	5
4 to 6	2 542	2 276	85	13	168	168	-	2	-
7 or more	1 778	1 621	-	11	146	124	2	20	-
Not reported	2	-	2	-	-	-	-	-	-
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	11 531	9 407	291	51	1 783	1 712	12	42	16
None (on same floor)	3 843	2 906	137	19	581	566	3	11	-
1 (up or down)	3 023	2 397	92	12	522	486	7	13	16
2 or more (up or down)	3 853	3 277	54	17	505	492	2	11	-
Not reported	1 013	827	6	2	176	168	-	8	-
Common Stairways									
Multiunits, 2 or more floors	11 531	9 407	291	51	1 783	1 712	12	42	16
No common stairways	1 958	1 503	128	10	317	306	-	11	-
With common stairways	8 626	7 130	152	38	1 306	1 253	12	24	16
No loose steps	8 036	6 622	146	36	1 231	1 184	12	24	11
Railings not loose	7 333	6 025	137	34	1 137	1 092	12	23	11
Railings loose	241	197	5	1	37	37	-	1	-
No railings	348	308	3	1	36	35	-	1	-
Status of railings not reported	114	92	1	-	21	21	-	-	-
Loose steps	551	474	6	2	69	64	-	-	5
Railings not loose	388	324	2	1	61	58	-	-	5
Railings loose	130	121	4	1	5	5	-	-	-
No railings	32	29	-	-	3	3	-	-	-
Status of railings not reported	-	-	-	-	-	-	-	-	-
Status of steps not reported	39	34	-	-	6	6	-	-	-
Status of stairways not reported	947	774	10	2	160	153	-	8	-
Light Fixtures in Public Halls									
2 or more units in structure	12 479	10 145	332	53	1 949	1 878	12	42	16
No public halls	3 770	2 868	175	15	712	702	-	11	-
No light fixtures in public halls	28	21	2	-	5	5	-	-	-
All in working order	5 260	4 483	88	28	861	834	2	15	11
Some in working order	485	409	33	2	41	25	10	5	5
None in working order	25	24	-	1	-	-	-	-	-
Unable to determine if working	1 729	1 393	9	6	321	311	-	10	-
Not reported	1 182	946	24	2	209	202	-	8	-
Elevator on Floor									
Multiunits, 2 or more floors	11 531	9 407	291	51	1 783	1 712	12	42	16
With 1 or more elevators working	2 280	1 972	1	11	297	281	2	14	-
With elevator, none in working condition	95	87	-	-	7	7	-	-	-
No elevator	8 153	6 563	279	38	1 312	1 265	10	21	16
Units 3 or more floors from main entrance	622	547	19	2	55	54	-	1	-
Not reported	963	784	10	2	167	159	-	8	-
Foundation									
1 unit bldg. excl. mobile homes	16 170	14 258	-	97	1 815	1 787	7	13	8
With basement under all of building	5 874	5 314	-	59	302	298	3	-	2
With basement under part of building	1 350	1 228	-	12	110	110	-	-	-
With crawl space	3 881	3 550	-	13	298	292	-	-	5
On concrete slab	4 994	3 906	-	10	1 077	1 065	-	12	-
Other	288	257	-	2	29	23	4	1	1
Not reported	2	2	-	-	-	-	-	-	-
External Building Conditions¹									
Sagging roof	50	50	-	-	-	-	-	-	-
Missing roofing material	54	51	1	-	2	2	-	-	-
Hole in roof	19	19	-	-	-	-	-	-	-
Could not see roof	1 523	1 337	49	11	126	119	-	7	-
Missing bricks, siding, other outside wall material	223	197	9	2	14	14	-	-	-
Stopping outside walls	27	26	-	1	-	-	-	-	-
Boarded up windows	171	160	5	1	5	5	-	-	-
Broken windows	190	181	6	1	2	2	-	-	-
Bars on windows	419	402	10	1	5	3	-	3	-
Foundation crumbling or has open crack or hole	182	167	5	2	8	8	-	-	-
Could not see foundation	569	521	21	2	24	24	-	-	-
None of the above	8 982	7 201	234	39	1 507	1 462	12	28	5
Could not observe or not reported	1 426	1 101	36	2	288	270	-	8	11
Site Placement									
Mobile homes	389	157	-	-	232	86	146	-	-
First site	215	98	-	-	117	62	56	-	-
Moved from another site	76	28	-	-	48	17	31	-	-
Don't know	81	25	-	-	56	8	48	-	-
Not reported	16	5	-	-	12	-	12	-	-
Previous Occupancy									
Unit built 1980 or later	3 852	101	-	-	3 751	3 751	-	-	-
Not previously occupied	1 342	5	-	-	1 337	1 337	-	-	-
Not reported	632	68	2	-	562	560	-	2	-

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	29 039	24 560	334	150	3 995	3 751	165	55	24
Rooms									
1 room	369	277	44	-	49	30	-	7	11
2 rooms	568	496	33	-	39	39	-	-	-
3 rooms	3 912	3 263	72	10	566	513	23	25	5
4 rooms	6 037	4 823	81	18	1 116	1 023	70	18	5
5 rooms	6 472	5 543	52	22	856	792	59	5	-
6 rooms	5 633	5 019	23	28	564	556	8	-	-
7 rooms	3 140	2 742	12	23	363	357	6	-	-
8 rooms	1 653	1 408	14	20	212	212	-	-	-
9 rooms	774	591	5	14	164	162	-	-	2
10 rooms or more	480	399	-	16	65	65	-	-	-
Median	5.1	5.1	3.7	6.4	4.8	4.8	4.4	...	...
Bedrooms									
None	733	605	52	1	75	58	-	8	11
1	5 529	4 576	123	18	813	757	27	25	5
2	9 648	8 093	90	30	1 434	1 318	92	19	5
3	9 850	8 544	57	57	1 192	1 145	43	4	-
4 or more	3 278	2 742	11	45	481	475	3	-	2
Median	2.4	2.4	1.4	3.0	2.3	2.3	2.1	...	...
Complete Bathrooms									
None	200	140	40	-	19	4	-	4	11
1	16 663	14 909	247	51	1 456	1 294	104	47	11
1 and one-half	4 201	3 761	24	12	404	373	27	2	2
2 or more	7 976	5 750	22	68	2 116	2 080	34	2	-
Square Footage of Unit									
Single detached and mobile homes	14 216	12 504	-	84	1 627	1 461	153	11	3
Less than 500	175	139	-	2	33	1	28	4	1
500 to 749	466	429	-	5	32	13	19	-	-
750 to 999	1 221	1 086	-	2	133	78	54	-	-
1,000 to 1,499	3 507	3 187	-	8	312	268	24	-	-
1,500 to 1,999	3 194	2 793	-	9	391	369	3	-	-
2,000 to 2,499	2 116	1 850	-	9	256	253	3	-	-
2,500 to 2,999	1 002	877	-	3	123	123	-	-	-
3,000 to 3,999	877	746	-	4	126	126	-	-	-
4,000 or more	544	464	-	7	73	73	-	-	-
Not reported	1 115	933	-	34	148	117	22	7	2
Median	1 685	1 689	...	1 905	1 793	1 875	835	...	...
Lot Size									
Less than one-eighth acre	2 532	2 253	-	28	251	202	49	-	1
One-eighth up to one-quarter acre	3 961	3 512	-	17	432	413	15	4	-
One-quarter up to one-half acre	1 973	1 675	-	4	294	284	9	-	-
One-half up to one acre	908	743	-	5	160	156	4	-	-
1 to 4 acres	528	466	-	1	61	53	8	-	-
5 to 9 acres	20	12	-	-	8	8	-	-	-
10 acres or more	49	39	-	-	10	7	3	-	-
Don't know	6 205	5 450	-	42	713	632	64	9	8
Not reported	383	265	-	-	118	118	-	-	-
Median .....	.20	.20	...	.13	.23	.23	.13	...	...
Persons Per Room									
0.50 or less	19 065	16 107	195	93	2 670	2 534	102	28	8
0.51 to 1.00	8 806	7 431	130	49	1 196	1 110	50	26	11
1.01 to 1.50	892	779	7	7	99	86	11	2	5
1.51 or more	276	243	2	1	30	22	3	-	-
Square Feet Per Person									
Single detached and mobile homes	14 216	12 504	-	84	1 627	1 461	153	11	3
Less than 200	452	403	-	4	45	24	20	-	1
200 to 299	1 010	900	-	1	109	83	26	-	-
300 to 399	1 409	1 229	-	4	176	163	13	-	-
400 to 499	1 462	1 243	-	13	206	187	15	4	-
500 to 599	1 246	1 080	-	7	159	145	14	-	-
600 to 699	1 162	1 028	-	5	129	122	7	-	-
700 to 799	962	833	-	4	125	115	11	-	-
800 to 899	759	658	-	-	101	92	9	-	-
900 to 999	764	669	-	1	94	84	10	-	-
1,000 to 1,499	2 054	1 840	-	10	205	197	8	-	-
1,500 or more	1 821	1 688	-	3	131	131	-	-	-
Not reported	1 115	933	-	34	117	117	22	7	2
Median	684	690	...	553	635	656	449	...	...

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	29 039	24 560	334	150	3 995	3 751	165	55	24
Equipment¹									
Lacking complete kitchen facilities	365	291	36	1	37	17	3	6	11
With complete kitchen (sink, refrigerator and burners)	28 674	24 268	298	149	3 958	3 734	162	49	13
Kitchen sink	28 845	24 420	305	150	3 969	3 741	162	53	13
Refrigerator	28 925	24 480	309	150	3 986	3 744	165	53	24
Less than 5 years old	10 073	7 942	115	56	1 959	1 897	40	16	6
Age not reported	825	617	25	1	181	169	4	8	-
Burners and oven	28 799	24 373	299	149	3 978	3 751	165	49	13
Less than 5 years old	7 405	5 467	101	45	1 792	1 744	37	10	-
Age not reported	883	664	19	-	199	188	7	4	-
Burners only	27	21	2	-	4	-	-	4	-
Less than 5 years old	6	2	-	-	4	-	-	4	-
Age not reported	2	2	-	-	-	-	-	-	-
Oven only	35	35	-	-	-	-	-	-	-
Less than 5 years old	18	18	-	-	-	-	-	-	-
Age not reported	5	5	-	-	-	-	-	-	-
Neither burners nor oven	178	131	33	1	13	-	-	3	11
Dishwasher	12 707	9 310	70	58	3 269	3 220	43	4	2
Less than 5 years old	4 454	2 834	30	30	1 560	1 548	11	1	-
Age not reported	492	298	7	3	185	177	7	-	-
Washing machine	18 528	15 554	103	115	2 756	2 653	90	10	2
Less than 5 years old	6 740	5 397	37	43	1 264	1 242	17	5	-
Age not reported	262	188	-	1	74	67	4	2	-
Clothes dryer	16 034	13 153	86	94	2 701	2 599	91	9	2
Less than 5 years old	5 378	4 061	20	37	1 240	1 206	27	5	2
Age not reported	223	153	4	-	66	61	5	-	-
Disposal in kitchen sink	12 386	9 131	40	36	3 180	3 129	39	10	2
Less than 5 years old	4 671	2 965	21	21	1 664	1 641	16	7	-
Age not reported	761	555	5	2	199	198	-	2	-
Air conditioning:									
Central	11 303	8 242	36	29	2 996	2 928	57	4	8
1 room unit	5 822	5 229	61	25	308	244	37	25	1
2 room units	2 329	2 204	23	22	80	63	12	4	-
3 room units or more	910	869	5	17	19	12	8	-	-
Main Heating Equipment									
Warm-air furnace	14 784	12 245	146	50	2 324	2 198	108	12	8
Steam or hot water system	6 154	5 786	114	64	191	160	12	19	-
Electric heat pump	1 862	1 091	5	5	762	749	8	-	5
Built-in electric units	1 899	1 416	12	1	470	455	7	8	-
Floor, wall, or other built-in hot air units without ducts	1 742	1 613	14	9	107	87	10	10	-
Room heaters with flue	698	669	7	5	17	7	8	2	-
Room heaters without flue	630	613	5	3	10	6	4	-	-
Portable electric heaters	237	209	11	6	12	8	4	-	-
Stoves	202	196	5	2	-	-	-	-	-
Fireplaces with inserts	74	52	2	-	19	19	-	-	-
Fireplaces without inserts	119	94	-	-	24	24	-	-	-
Other	245	216	7	4	18	18	-	-	-
None	413	381	7	2	43	22	7	3	11
Other Heating Equipment									
With other heating equipment ¹	6 602	5 341	75	33	1 152	1 129	21	3	-
Warm-air furnace	159	127	-	1	31	27	4	-	-
Steam or hot water system	29	26	-	1	3	3	-	-	-
Electric heat pump	76	60	-	-	15	15	-	-	-
Built-in electric units	491	430	11	2	47	47	-	-	-
Floor, wall, or other built-in hot-air units without ducts	120	118	1	1	-	-	-	-	-
Room heaters with flue	208	202	2	1	2	2	-	-	-
Room heaters without flue	389	353	1	4	30	30	-	-	-
Portable electric heaters	1 838	1 677	38	9	113	103	8	3	-
Stoves	395	328	9	2	55	52	3	-	-
Fireplaces with inserts	730	544	3	6	177	177	-	-	-
Fireplaces with no inserts	2 724	1 948	18	10	748	741	6	-	-
Other	188	158	-	-	29	29	-	-	-
Plumbing²									
With all plumbing facilities	28 411	24 047	283	148	3 934	3 709	158	53	13
Lacking some plumbing facilities ¹	89	56	22	-	11	-	-	-	11
No hot piped water	5	5	-	-	-	-	-	-	-
No bathtub nor shower	84	52	22	-	11	-	-	-	11
No flush toilet	69	38	21	-	11	-	-	-	11
No plumbing facilities for exclusive use	539	457	29	2	51	42	7	3	-
Source of Water									
Public system or private company	28 539	24 158	334	147	3 900	3 660	161	55	24
Well serving 1 to 5 units	174	133	-	2	39	36	3	-	-
Drilled	154	119	-	1	33	31	3	-	-
Dug	9	7	-	-	1	1	-	-	-
Not reported	12	7	-	1	4	4	-	-	-
Other	326	268	-	1	57	55	1	-	-

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New con- struction	Other sources		
							House or mobile home moved in	From nonresi- dential use	Other
Means of Sewage Disposal¹									
Public sewer	28 480	24 125	327	148	3 881	3 648	158	53	24
Septic tank, cesspool, chemical toilet	554	432	7	3	112	105	7	-	-
Other	5	2	1	-	3	-	-	3	-

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

²Data not up to publication standards; see "Qualifications of the Data" section in the Introduction.

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	29 039	24 560	334	150	3 995	3 751	165	55	24
Main House Heating Fuel									
Housing units with heating fuel	28 626	24 199	327	148	3 952	3 729	159	52	13
Electricity	6 825	4 507	51	18	2 249	2 191	39	9	10
Piped gas	17 353	15 526	209	104	1 513	1 376	95	40	2
Bottled gas	147	113	-	-	33	24	9	-	1
Fuel oil	3 590	3 419	58	20	92	76	13	3	-
Kerosene or other liquid fuel	115	101	2	-	12	8	4	-	-
Coal or coke	20	20	-	-	-	-	-	-	-
Wood	398	348	7	2	41	41	-	-	-
Solar energy	5	-	-	-	5	5	-	-	-
Other	174	163	-	3	8	7	-	-	-
Other House Heating Fuels									
With other heating fuels ¹	3 612	2 983	28	19	583	563	17	3	-
Electricity	1 297	1 198	20	9	71	64	4	3	-
Piped gas	264	218	2	3	41	41	-	-	-
Bottled gas	20	16	-	-	4	4	4	-	-
Fuel oil	92	88	2	-	2	2	-	-	-
Kerosene or other liquid fuel	267	246	1	-	20	20	-	-	-
Coal or coke	13	12	1	-	-	-	-	-	-
Wood	1 673	1 232	3	5	432	423	10	-	-
Solar energy	39	28	-	-	11	11	-	-	-
Other	59	48	1	2	8	8	-	-	-
Not reported	190	163	2	-	25	25	-	-	-
Cooking Fuel									
With cooking fuel	28 851	24 418	301	149	3 982	3 751	165	53	13
Electricity	13 922	10 710	106	49	3 057	2 966	68	22	2
Piped gas	14 713	13 530	195	100	888	787	81	30	10
Bottled gas	176	147	-	-	28	18	12	-	1
Kerosene or other liquid fuel	14	7	-	-	7	-	7	-	-
Coal or coke	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-
Other	28	24	-	-	2	2	-	-	-
Water Heating Fuel									
With hot piped water	28 894	24 536	315	150	3 993	3 751	165	53	24
Electricity	7 600	5 414	43	19	2 124	2 040	72	13	-
Piped gas	18 593	16 488	228	116	1 760	1 621	79	38	23
Bottled gas	127	104	-	-	23	14	8	-	1
Fuel oil	2 377	2 291	38	13	35	33	-	2	-
Kerosene or other liquid fuel	20	14	-	-	7	-	7	-	-
Coal or coke	9	9	-	-	-	-	-	-	-
Wood	3	2	-	-	-	-	-	-	-
Solar energy	90	60	5	-	26	26	-	-	-
Other	175	153	1	3	18	18	-	-	-
Central Air Conditioning Fuel									
With central air conditioning	11 303	8 242	38	29	2 996	2 928	57	4	8
Electricity	10 439	7 498	38	27	2 878	2 812	54	4	8
Piped gas	795	675	-	1	119	116	3	-	-
Other	70	68	-	1	-	-	-	-	-
Clothes Dryer Fuel									
With clothes dryer	16 034	13 153	86	94	2 701	2 599	91	9	2
Electricity	11 341	8 913	52	51	2 325	2 238	79	8	-
Piped gas	4 647	4 199	34	43	371	355	12	1	2
Other	46	41	-	-	5	5	-	-	-
Units Using Each Fuel¹									
Electricity	29 035	24 555	334	150	3 995	3 751	165	55	24
All-electric units	4 979	3 088	17	7	1 869	1 830	31	9	-
Piped gas	22 508	20 099	291	135	1 982	1 810	108	42	23
Bottled gas	289	229	1	1	58	39	18	-	1
Fuel oil	4 304	4 082	67	25	129	103	15	5	5
Kerosene or other liquid fuel	394	358	4	-	34	28	7	-	-
Coal or coke	33	33	1	-	-	-	-	-	-
Wood	2 073	1 583	10	7	473	464	10	-	-
Solar energy	123	79	5	-	39	39	-	-	-
Other	378	335	2	5	38	38	-	-	-

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	29 039	24 560	334	150	3 995	3 751	165	55	24
Water Supply Stoppage									
With hot and cold piped water	28 994	24 536	315	150	3 993	3 751	165	53	24
No stoppage in last 3 months	27 418	23 152	295	141	3 829	3 611	149	46	24
With stoppage in last 3 months	1 280	1 119	15	9	137	119	12	5	—
No stoppage lasting 6 hours or more	512	433	4	3	73	64	5	4	—
1 time lasting 6 hours or more	449	399	5	4	41	33	7	1	—
2 times	134	113	5	1	16	16	—	—	—
3 times	50	50	—	—	—	—	—	—	—
4 times or more	64	64	—	—	—	—	—	—	—
Number of times not reported	70	59	2	2	7	7	—	—	—
Stoppage not reported	297	265	5	—	27	21	4	2	—
Flush Toilet Breakdowns									
With one or more flush toilets	28 930	24 503	295	150	3 982	3 751	165	53	13
With at least one working toilet at all times in last 3 months	27 158	22 952	283	140	3 783	3 569	153	53	8
None working some time in last 3 months	1 647	1 440	7	10	189	172	12	—	5
No breakdowns lasting 6 hours or more	510	447	—	2	61	56	5	—	—
1 time lasting 6 hours or more	695	609	2	7	77	69	8	—	—
2 times	192	168	—	1	23	18	—	—	5
3 times	75	69	1	1	4	4	—	—	—
4 times or more	78	71	—	—	8	8	—	—	—
Number of times not reported	96	76	4	—	16	16	—	—	—
Breakdowns not reported	125	110	5	—	10	10	—	—	—
Sewage Disposal Breakdowns									
With public sewer	28 480	24 125	327	148	3 881	3 646	158	53	24
No breakdowns in last 3 months	27 939	23 637	326	145	3 631	3 598	156	53	24
With breakdowns in last 3 months	541	488	—	3	50	48	2	—	—
No breakdowns lasting 6 hours or more	171	153	—	—	18	15	2	—	—
1 time lasting 6 hours or more	251	223	—	3	25	25	—	—	—
2 times	60	53	—	—	7	7	—	—	—
3 times	28	28	—	—	—	—	—	—	—
4 times or more	31	31	—	—	—	—	—	—	—
With septic tank or cesspool	554	432	7	3	112	105	7	—	—
No breakdowns in last 3 months	530	418	7	3	105	101	4	—	—
With breakdowns in last 3 months	24	17	—	—	7	5	2	—	—
No breakdowns lasting 6 hours or more	5	—	—	—	5	2	2	—	—
1 time lasting 6 hours or more	14	12	—	—	2	2	—	—	—
2 times	2	2	—	—	—	—	—	—	—
3 times	—	—	—	—	—	—	—	—	—
4 times or more	3	3	—	—	—	—	—	—	—
Heating Problems									
With heating equipment and occupied last winter	24 838	21 394	265	127	3 053	2 882	129	41	1
Not uncomfortably cold for 24 hours or more last winter	22 685	19 394	234	116	2 942	2 788	120	33	1
Uncomfortably cold for 24 hours or more last winter ¹	2 085	1 932	31	11	111	94	8	8	—
Equipment breakdowns	793	741	13	3	37	29	6	2	—
No breakdowns lasting 6 hours or more	31	28	2	—	—	—	—	—	—
1 time lasting 6 hours or more	374	351	3	2	17	9	6	2	—
2 times	116	111	3	—	2	2	—	—	—
3 times	82	71	—	1	10	10	—	—	—
4 times or more	134	128	4	—	2	2	—	—	—
Number of times not reported	57	51	—	—	6	6	—	—	—
Other causes	1 428	1 320	21	8	78	69	2	7	—
Utility interruption	211	187	5	3	16	16	—	1	—
Inadequate heating capacity	414	396	5	1	12	10	—	2	—
Inadequate insulation	231	216	4	2	10	9	—	—	—
Other	519	477	8	3	32	29	2	—	—
Not reported	53	44	—	—	9	5	—	4	—
Reason for discomfort not reported	5	5	—	—	—	—	—	—	—
Discomfort not reported	68	68	—	—	—	—	—	—	—
Electric Fuses and Circuit Breakers									
With electrical wiring	29 039	24 560	334	150	3 995	3 751	165	55	24
No fuses or breakers blown in last 3 mo.	24 871	20 951	284	114	3 522	3 307	145	47	24
With fuses or breakers blown in last 3 mo.	3 827	3 330	48	33	418	396	14	8	—
1 time	1 760	1 514	15	16	212	218	2	1	—
2 times	797	682	7	8	100	69	9	3	—
3 times	423	378	9	3	32	28	—	4	—
4 times or more	581	512	7	5	37	34	3	—	—
Number of times not reported	286	244	8	1	34	34	—	—	—
Problem not reported or don't know	341	279	5	3	55	48	6	—	—

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	29 039	24 580	334	150	3 995	3 751	165	55	24
Selected Amenities¹									
Porch, deck, balcony, or patio	19 867	16 410	155	108	3 194	3 069	100	23	3
Not reported	75	65	-	-	10	5	-	-	5
Telephone available	26 768	22 633	247	144	3 744	3 542	141	38	24
Usable fireplace	7 380	5 493	46	29	1 512	1 795	9	4	2
Separate dining room	12 835	11 041	81	103	1 610	1 581	23	4	2
With 2 or more living rooms or recreation rooms, etc.	7 199	6 182	40	60	917	897	17	-	2
Garage or carport included with home	14 493	12 158	74	59	2 193	2 141	46	3	2
Not included	14 473	12 325	255	91	1 801	1 608	119	52	22
Offstreet parking included	8 644	6 900	126	44	1 575	1 423	109	32	11
Offstreet parking not reported	174	148	2	-	24	24	-	-	-
Garage or carport not reported	73	67	5	-	2	2	-	-	-
Cars and Trucks Available¹									
No cars, trucks, or vans	5 813	5 295	142	38	338	275	22	20	21
Other households without cars	1 175	975	13	6	181	162	14	5	-
1 car with or without trucks or vans	13 641	11 437	111	55	2 038	1 921	87	29	1
2 cars	6 868	5 554	54	40	1 218	1 177	39	-	2
3 or more cars	1 545	1 299	14	12	220	217	3	-	-
With cars, no trucks or vans	17 110	14 259	157	74	2 621	2 488	101	29	3
1 truck or van with or without cars	5 297	4 333	35	31	898	855	36	6	-
2 or more trucks or vans	818	673	-	8	138	132	6	-	-
Owner or Manager on Property									
Rental, multiunit ²	12 481	10 145	334	53	1 949	1 878	12	42	16
Owner or manager lives on property	3 917	3 023	49	4	840	822	-	8	11
Neither owner nor manager lives on property	6 858	5 697	200	23	936	889	12	30	5
Not reported	1 708	1 425	85	27	172	168	-	4	-
Selected Deficiencies¹									
Signs of rats in last 3 months	1 487	1 347	34	19	88	69	6	8	5
Holes in floors	428	395	6	2	25	15	6	4	-
Open cracks or holes (interior)	1 940	1 803	23	6	97	88	2	4	-
Broken plaster or peeling paint (interior)	1 666	1 584	6	12	63	60	6	4	-
No electrical wiring	-	-	-	-	-	-	-	-	-
Exposed wiring	588	494	17	8	69	60	9	-	-
Rooms without electric outlets	529	494	9	2	24	23	-	2	-
Water Leakage During Last 12 Months									
No leakage from inside structure	24 913	21 012	279	124	3 499	3 294	143	38	24
With leakage from inside structure ¹	4 077	3 503	55	27	492	452	22	17	-
Fixtures backed up or overflowed	1 255	1 045	25	6	179	171	7	2	-
Pipes leaked	2 104	1 868	26	18	193	169	13	11	-
Other or unknown (includes not reported)	871	738	4	4	125	117	3	5	-
Interior leakage not reported	49	45	-	-	5	5	-	-	-
No leakage from outside structure	24 630	20 878	280	117	3 555	3 348	139	47	24
With leakage from outside structure ¹	4 323	3 801	52	34	437	403	26	8	-
Roof	1 934	1 698	33	15	188	160	20	8	-
Basement	1 244	1 184	5	15	41	41	-	-	-
Walls, closed windows, or doors	788	649	13	3	122	78	-	1	-
Other or unknown (includes not reported)	563	466	5	1	91	85	7	-	-
Exterior leakage not reported	88	81	2	-	2	2	-	-	-
Overall Opinion of Structure									
1 (worst)	266	247	4	1	13	13	-	-	-
2	155	150	-	-	5	5	-	-	-
3	252	217	8	-	26	15	11	-	-
4	444	400	11	5	28	21	4	3	-
5	2 270	2 070	31	10	159	121	25	8	5
6	1 695	1 525	18	8	146	117	16	3	11
7	3 785	3 270	43	24	448	419	22	7	-
8	7 201	6 014	110	45	1 032	992	29	5	5
9	4 047	3 281	36	24	706	681	17	8	-
10 (best)	8 668	7 142	68	35	1 424	1 360	41	20	3
Not reported	255	243	4	-	8	8	-	-	-
Selected Physical Problems									
Severe physical problems ¹	943	810	56	3	74	54	7	3	11
Plumbing	628	513	51	2	62	42	7	3	11
Heating	215	199	4	1	12	12	-	-	-
Electric	12	12	-	-	-	-	-	-	-
Upkeep	107	105	1	1	-	-	-	-	-
Hallways	-	-	-	-	-	-	-	-	-
Moderate physical problems ¹	1 746	1 642	14	14	75	61	9	6	-
Plumbing	129	116	-	1	12	12	-	-	-
Heating	597	580	5	3	10	6	4	-	-
Upkeep	861	813	5	9	34	26	2	6	-
Hallways	30	28	-	-	2	2	-	-	-
Kitchen	222	196	7	1	18	15	3	-	-

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

²Two or more units of any tenure in the structure.

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	29 039	24 560	334	150	3 995	3 751	165	55	24
Overall Opinion of Neighborhood									
1 (worst)	795	732	14	5	45	38	7	-	-
2	434	371	5	3	54	26	15	8	5
3	690	619	11	4	56	52	4	-	-
4	789	680	15	5	89	76	11	2	-
5	3 047	2 701	24	11	311	274	17	9	11
6	2 071	1 773	30	19	249	237	7	-	5
7	3 769	3 212	45	21	491	465	15	9	2
8	6 426	5 345	79	36	965	931	26	8	-
9	3 537	2 912	50	15	561	549	11	-	-
10 (best)	7 098	5 844	55	29	1 169	1 097	53	19	1
No neighborhood	51	44	2	-	4	4	-	-	-
Not reported	335	327	3	2	3	2	-	-	-
Neighborhood Conditions									
With neighborhood	28 653	24 189	328	148	3 988	3 744	165	55	24
No problems	15 348	12 775	184	61	2 328	2 199	84	34	11
With problems ¹	13 231	11 356	144	87	1 644	1 529	81	21	13
Crime	4 232	3 732	55	37	408	363	27	7	10
Noise	3 161	2 729	53	16	364	347	8	8	-
Traffic	2 352	2 048	26	10	268	247	9	6	5
Litter or housing deterioration	1 746	1 573	15	9	150	133	12	-	5
Poor city or county services	634	562	3	2	67	58	3	-	5
Undesirable commercial, institutional, industrial	607	528	9	6	64	50	5	4	5
People	4 568	3 911	42	34	580	505	56	9	10
Other	2 568	2 117	14	15	421	390	29	-	2
Type of problem not reported	159	121	2	1	34	34	-	-	-
Presence of problems not reported	74	58	-	-	16	16	-	-	-
Description of Area Within 300 Feet¹									
Single-family detached houses	4 121	3 454	210	19	438	425	3	4	5
Only single-family detached	-	-	-	-	-	-	-	-	-
Single-family attached or 1 to 3 story multiunit	8 397	6 707	190	35	1 465	1 420	10	19	16
4 to 6 story multiunit	2 864	2 591	70	19	186	165	9	11	-
7 stories or more multiunit	1 713	1 589	21	9	94	78	2	14	-
Mobile homes	61	46	2	-	13	13	-	-	-
Commercial, institutional, or industrial	4 205	3 589	128	20	468	431	-	21	16
Residential parking lots	2 776	2 117	22	10	627	609	7	6	5
Body of water	351	256	8	1	86	85	-	1	-
Open space, park, farm, or ranch	1 976	1 499	28	5	444	417	2	25	-
4+ lane highway, railroad, or airport	1 502	1 198	27	9	268	238	9	11	11
Other	635	518	27	4	87	81	3	3	-
Not observed or not reported	1 111	872	29	2	209	201	-	8	-
Age of Other Residential Buildings Within 300 Feet									
Older	754	485	10	3	257	253	3	1	-
About the same	8 224	6 818	246	35	1 126	1 096	-	19	11
Newer	196	165	11	2	19	19	-	-	-
Very mixed	1 916	1 611	34	12	259	231	9	14	5
No other residential buildings	244	169	4	1	70	69	-	1	-
Not reported	1 145	898	27	2	218	211	-	8	-
Mobile Homes in Group									
Mobile homes	389	157	-	-	232	86	146	-	-
1 to 6	98	38	-	-	59	17	43	-	-
7 to 20	24	10	-	-	14	-	14	-	-
21 or more	267	109	-	-	158	69	89	-	-
Not reported	-	-	-	-	-	-	-	-	-
Other Buildings Vandalized or With Interior Exposed									
None	10 246	8 334	258	48	1 608	1 555	12	35	5
1 building	295	259	16	1	19	19	-	-	-
More than 1 building	532	478	20	4	29	18	-	-	11
No buildings within 300 feet	119	69	3	1	47	47	-	-	-
Not reported	1 288	1 005	35	2	246	239	-	8	-
Bars on Windows of Buildings									
With other buildings within 300 feet	11 072	9 071	295	51	1 656	1 593	12	35	16
No bars on windows	8 253	6 550	224	28	1 450	1 420	10	20	-
1 building with bars	423	370	9	5	39	29	2	8	-
2 or more buildings with bars	2 304	2 077	56	17	154	131	-	7	16
Not reported	91	74	5	1	12	12	-	-	-
Condition of Streets									
No repairs needed	8 039	6 401	213	36	1 389	1 338	9	27	16
Minor repairs needed	2 838	2 480	90	13	255	243	3	8	-
Major repairs needed	318	283	2	2	31	31	-	-	-
No streets within 300 feet	137	90	-	-	46	46	-	-	-
Not reported	1 148	891	27	2	227	220	-	8	-
Trash, Litter, or Junk on Streets or any Properties									
None	7 209	5 588	174	32	1 414	1 381	12	22	-
Minor accumulation	3 765	3 336	119	17	292	274	-	13	5
Major accumulation	401	354	11	2	33	22	-	-	11
Not reported	1 104	866	27	2	209	202	-	8	-

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
Population in housing units.....	73 249	62 106	646	497	10 000	9 451	390	107	52	
Total	29 039	24 560	334	150	3 995	3 751	165	55	24	
Persons										
1 person	8 622	7 271	156	30	1 166	1 063	61	30	11	
2 persons	8 839	7 461	98	31	1 248	1 187	45	11	5	
3 persons	4 779	4 073	38	21	647	624	22	2	—	
4 persons	3 696	3 063	32	33	568	529	22	10	8	
5 persons	1 801	1 574	5	15	207	196	9	2	—	
6 persons	752	637	5	10	99	93	7	—	—	
7 persons or more	550	481	—	10	59	59	—	—	—	
Median	2.2	2.2	1.6	3.2	2.2	2.2	2.0	—	—	
Number of Single Children Under 18 Years Old										
None	18 873	16 037	251	81	2 504	2 335	110	38	22	
1	4 299	3 564	43	19	653	624	22	7	—	
2	3 518	2 946	28	23	520	490	20	8	2	
3	1 532	1 287	10	18	218	206	10	2	—	
4	533	453	2	5	72	72	—	—	—	
5	187	165	—	2	20	17	3	—	—	
6 or more	97	88	—	1	8	8	—	—	—	
Median	-	-	-	-	-	-	-	—	—	
Persons 65 Years Old and Over										
None	22 228	18 281	289	122	3 535	3 336	133	43	23	
1 person	4 793	4 396	35	18	345	311	21	12	1	
2 persons or more	2 018	1 883	10	11	115	104	11	—	—	
Age of Householder										
Under 25 years	1 868	1 465	35	10	358	334	14	5	5	
25 to 29	2 989	2 232	64	6	666	680	15	6	5	
30 to 34	3 756	2 995	56	18	688	657	22	7	2	
35 to 44	6 402	5 263	59	48	1 032	967	35	18	11	
45 to 54	4 155	3 553	51	33	517	497	19	1	—	
55 to 64	3 605	3 258	28	16	303	270	27	6	—	
65 to 74	3 441	3 193	22	9	216	198	11	8	1	
75 years and over	2 824	2 599	19	11	195	170	21	4	—	
Median	44	48	37	44	38	37	44	—	—	
Household Composition by Age of Householder										
2-or-more person households	20 417	17 289	178	120	2 630	2 688	104	25	13	
Married-couple families, no nonrelatives	12 298	10 384	70	80	1 764	1 706	44	11	2	
Under 25 years	378	292	2	1	80	69	8	4	—	
25 to 29 years	1 140	829	12	2	297	296	—	1	—	
30 to 34 years	1 691	1 344	11	10	326	321	2	—	2	
35 to 44 years	3 027	2 438	13	29	549	534	11	5	—	
45 to 64 years	3 853	3 408	20	28	399	386	12	1	—	
65 years and over	2 212	2 076	12	12	112	101	11	—	—	
Other male householder	2 631	2 157	40	14	420	397	21	3	—	
Under 45 years	1 820	1 434	30	12	344	324	18	3	—	
45 to 64 years	543	475	9	—	58	55	3	—	—	
65 years and over	268	249	—	1	18	18	—	—	—	
Other female householder	5 498	4 748	88	28	646	585	40	11	11	
Under 45 years	3 444	2 869	55	16	504	481	22	10	11	
45 to 64 years	1 344	1 208	12	10	114	102	11	—	—	
65 years and over	700	671	—	—	29	21	7	—	—	
1-person households	8 622	7 271	156	30	1 166	1 063	61	30	11	
Male householder	3 803	2 955	97	13	539	498	20	20	—	
Under 45 years	1 966	1 556	55	7	349	323	14	12	—	
45 to 64 years	887	711	29	6	141	128	6	6	—	
65 years and over	750	687	13	—	49	47	—	—	—	
Female householder	5 019	4 316	60	18	627	565	41	10	11	
Under 45 years	1 552	1 197	35	5	315	291	12	1	11	
45 to 64 years	1 132	1 009	9	5	110	95	14	—	—	
65 years and over	2 335	2 110	16	6	203	179	15	9	1	
Adults and Single Children Under 18 Years Old										
Total households with children	10 166	8 523	83	69	1 491	1 416	55	17	2	
Married couples	6 057	4 952	33	47	1 025	994	24	5	2	
One child under 6 only	1 075	814	13	6	242	235	5	—	—	
One under 6, one or more 6 to 17	1 277	1 009	3	11	254	246	1	4	2	
Two or more under 6 only	632	504	6	8	114	112	2	—	—	
Two or more under 6, one or more 6 to 17	412	339	—	6	67	65	2	—	—	
One or more 6 to 17 only	2 662	2 286	11	16	348	335	12	—	—	
Other households with two or more adults	1 791	1 587	14	13	177	158	13	6	—	
One child under 6 only	379	322	2	2	52	49	3	—	—	
One under 6, one or more 6 to 17	253	237	5	3	10	10	—	—	—	
Two or more under 6 only	127	107	2	—	16	16	—	2	—	
Two or more under 6, one or more 6 to 17	127	111	2	1	12	12	—	—	—	
One or more 6 to 17 only	905	809	2	7	86	72	10	4	—	
Households with one adult or none	2 318	1 984	36	9	289	264	19	6	—	
One child under 6 only	335	286	13	1	36	36	—	—	—	
One under 6, one or more 6 to 17	398	341	7	1	48	37	11	—	—	
Two or more under 6 only	190	168	2	—	20	20	—	—	—	
Two or more under 6, one or more 6 to 17	142	133	2	—	5	5	—	—	—	
One or more 6 to 17 only	1 253	1 057	12	5	180	166	8	6	—	
Total households with no children	18 873	16 037	251	81	2 504	2 335	110	38	22	
Married couples	6 390	5 547	40	34	769	739	24	6	—	
Other households with two or more adults	3 869	3 224	55	17	572	535	25	1	11	
Households with one adult	8 615	7 266	156	30	1 163	1 061	61	30	11	

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Own Never Married Children Under 18 Years Old									
No own children under 18 years	19 917	16 980	258	89	2 591	2 408	121	40	22
With own children under 18 years	9 123	7 580	78	62	1 405	1 343	44	15	2
Under 6 years only	2 395	1 903	38	13	441	435	5	1	—
1	1 535	1 207	27	5	296	289	5	1	—
2	728	589	9	5	126	126	—	—	—
3 or more	133	107	2	4	19	19	—	—	—
6 to 17 years only	4 522	3 869	30	28	595	557	28	10	—
1	2 332	1 988	18	11	316	300	10	6	—
2	1 525	1 317	9	11	188	173	10	5	—
3 or more	665	564	3	6	91	84	7	—	—
Both age groups	2 205	1 808	8	21	369	352	11	4	2
2	964	766	6	6	186	175	5	4	—
3 or more	1 241	1 042	2	14	183	176	6	—	—
Persons Other Than Spouse or Children¹									
With other relatives	6 546	5 796	50	51	649	599	36	9	5
Single adult offspring 18 to 29	3 438	3 054	26	31	327	315	8	4	—
Single adult offspring 30 years of age or over	1 090	1 020	5	7	58	42	15	1	—
Households with three generations	825	743	7	9	67	64	3	—	—
Households with 1 subfamily	855	771	7	6	71	66	3	2	—
Subfamily householder age under 30	511	452	7	3	49	44	3	2	—
30 to 64	311	291	—	3	18	18	—	—	—
65 and over	33	28	—	—	5	5	—	—	—
Households with 2 or more subfamilies	45	43	—	—	2	2	—	—	—
Households with other types of relatives	2 477	2 166	17	18	276	259	10	2	5
With non-relatives	2 597	2 058	47	11	481	453	22	1	5
Co-owners or co-renters	1 339	1 051	24	7	256	248	2	1	5
Lodgers	408	322	9	1	77	70	6	—	—
Unrelated children, under 18 years old	284	235	5	1	43	34	9	—	—
Other non-relatives	843	677	10	3	153	138	16	—	—
One or more secondary families	195	166	—	1	28	22	5	—	—
2-person households, none related to each other	1 452	1 129	29	4	290	284	5	1	—
3-8 person households, none related to each other	310	248	7	5	50	42	3	—	5
Years of School Completed by Householder									
No school years completed	146	119	—	1	27	21	1	—	5
Elementary:									
less than 8 years	1 695	1 550	23	12	110	94	11	—	5
8 years	1 131	1 054	11	6	60	50	7	3	—
High School:									
1 to 3 years	3 322	2 999	39	15	269	231	25	14	—
4 years	9 409	8 064	129	36	1 160	1 063	76	20	1
College:									
1 to 3 years	5 802	4 829	66	31	877	830	28	11	8
4 years or more	7 533	5 925	67	48	1 492	1 463	17	6	5
Median	12.9	12.8	12.7	13.8	14.3	14.5	12.5	...	...
Year Householder Moved Into Unit									
1990 to 1994	8 744	6 627	139	28	1 951	1 838	74	21	18
1985 to 1989	8 244	6 534	68	37	1 605	1 522	51	26	6
1980 to 1984	3 047	2 597	21	19	410	392	15	3	—
1975 to 1979	2 597	2 561	11	12	14	—	10	4	—
1970 to 1974	1 648	1 619	15	8	8	—	6	—	—
1960 to 1969	2 448	2 416	12	14	5	—	5	—	—
1950 to 1959	1 521	1 471	24	21	4	—	4	—	—
1940 to 1949	559	503	45	11	—	—	—	—	—
1939 or earlier	231	231	—	—	—	—	—	—	—
Median	1982	1980	1976	1978	1986	1986	1985	...	...
Household Moves and Formation in Last Year									
Total with a move in last year	7 197	5 465	126	28	1 579	1 478	64	19	18
Household all moved here from one unit	4 876	3 595	99	17	1 165	1 085	53	14	13
Householder of previous unit did not move here	1 109	826	38	5	240	216	11	5	8
Householder of previous unit moved here	3 602	2 686	61	12	844	788	42	8	5
Householder of previous unit not reported	165	83	—	—	81	81	—	—	—
Household moved here from two or more units	939	683	17	5	234	217	6	5	5
No previous householder moved here	270	215	5	—	51	42	—	4	5
1 previous householder moved here	196	117	8	2	70	65	3	1	—
2 or more previous householders moved here	393	301	5	2	86	83	3	—	—
Previous householder(s) not reported	79	51	—	1	28	28	—	—	—
Some already here, rest moved in	1 364	1 167	9	7	180	176	5	—	—
No previous householder moved here	521	451	5	1	65	65	—	—	—
1 or more previous householders moved here	649	556	2	4	86	82	5	—	—
Previous householder(s) not reported	194	160	2	2	29	28	—	—	—
Number of previous units not reported	19	19	—	—	—	—	—	—	—

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	29 039	24 560	334	150	3 995	3 751	165	55	24
Household Income									
Less than \$5,000	2 102	1 825	42	10	224	184	19	10	11
\$5,000 to \$9,999	3 412	3 010	84	19	320	276	25	13	6
\$10,000 to \$14,999	2 984	2 701	52	15	217	190	16	11	-
\$15,000 to \$19,999	2 638	2 284	34	14	305	277	21	2	5
\$20,000 to \$24,999	2 625	2 272	25	10	318	297	13	6	2
\$25,000 to \$29,999	2 790	2 358	27	9	377	353	16	8	-
\$30,000 to \$34,999	2 104	1 743	15	8	338	327	8	3	-
\$35,000 to \$39,999	1 558	1 300	17	5	236	227	9	-	-
\$40,000 to \$49,999	2 538	2 110	21	17	439	419	19	-	-
\$50,000 to \$59,999	1 985	1 568	14	12	391	385	5	1	-
\$60,000 to \$79,999	2 125	1 722	8	16	379	374	4	2	-
\$80,000 to \$99,999	830	622	3	3	202	196	6	-	-
\$100,000 to \$119,999	492	399	5	5	84	81	3	-	-
\$120,000 or more	816	636	7	7	165	164	-	1	-
Median	26 363	25 396	16 295	29 240	33 499	34 551	20 306	...	...
As percent of poverty level:									
Less than 50 percent	1 915	1 687	34	11	183	159	19	4	-
50 to 99	2 967	2 613	42	19	282	240	14	18	11
100 to 149	3 269	2 901	69	20	279	240	22	6	11
150 to 199	2 850	2 512	37	17	283	247	27	7	2
200 percent or more	18 049	14 847	151	83	2 968	2 865	83	20	-
Income of Families and Primary Individuals									
Less than \$5,000	2 317	2 007	46	10	253	214	19	10	11
\$5,000 to \$9,999	3 617	3 176	72	22	347	298	25	13	11
\$10,000 to \$14,999	3 159	2 847	51	15	246	216	19	11	-
\$15,000 to \$19,999	2 758	2 374	32	15	337	311	24	2	-
\$20,000 to \$24,999	2 673	2 293	25	9	345	319	18	6	2
\$25,000 to \$29,999	2 787	2 365	31	10	381	362	11	8	-
\$30,000 to \$34,999	2 020	1 672	13	8	327	313	11	3	-
\$35,000 to \$39,999	1 456	1 221	17	5	214	208	7	-	-
\$40,000 to \$49,999	2 442	2 015	15	15	396	383	13	-	-
\$50,000 to \$59,999	1 834	1 450	12	12	361	355	5	1	-
\$60,000 to \$79,999	1 975	1 583	8	15	370	361	7	2	-
\$80,000 to \$99,999	770	578	5	3	184	182	2	-	-
\$100,000 to \$119,999	452	376	-	4	72	70	3	-	-
\$120,000 or more	777	602	7	7	160	160	-	1	-
Median	24 991	24 088	14 777	27 301	31 343	32 478	19 040	...	...
Income Sources of Families and Primary Individuals									
Wages and salaries	21 263	17 562	228	112	3 360	3 165	128	43	24
Wages and salaries were majority of income	19 257	15 816	206	103	3 131	2 946	123	39	23
2 or more people each earned over 20% of wages and salaries	6 465	5 383	35	45	1 002	961	32	4	5
Business, farm, or ranch	2 308	1 855	26	18	410	404	5	1	-
Social security or pensions	8 409	7 684	56	28	641	580	42	18	1
Interest or dividend(s)	5 978	5 083	39	21	835	796	35	4	-
Rental income	2 477	2 123	52	31	271	257	12	1	1
With lodger(s)	408	322	9	1	77	70	6	-	-
Welfare or SSI	2 814	2 510	63	21	220	204	9	6	-
Alimony or child support	1 155	938	3	3	211	201	6	4	-
Other	2 615	2 180	33	17	386	362	19	5	-
Amount of Savings and Investments									
Income of \$25,000 or less	15 184	13 280	239	72	1 593	1 414	109	45	24
No savings or investments	8 274	7 243	151	43	838	727	66	27	19
\$25,000 or less	4 437	3 887	61	25	463	406	36	16	5
More than \$25,000	1 028	926	10	2	90	89	1	-	-
Not reported	1 445	1 224	17	2	202	193	7	2	-
Food Stamps									
Income of \$25,000 or less	15 184	13 280	239	72	1 593	1 414	109	45	24
Family members received food stamps	2 970	2 655	58	17	240	209	21	10	-
Did not receive food stamps	11 250	9 820	170	52	1 207	1 069	81	33	24
Not reported	964	805	11	3	145	136	7	2	-
Rent Reductions									
No subsidy or income reporting	11 984	9 832	213	41	1 898	1 783	57	34	23
Rent control	898	867	2	2	26	24	-	3	-
No rent control	11 072	8 950	211	39	1 872	1 759	57	32	23
Reduced by owner	570	508	17	2	42	33	-	4	5
Not reduced by owner	10 394	8 354	187	36	1 818	1 716	53	28	18
Owner reduction not reported	108	88	7	-	13	10	3	-	-
Rent control not reported	14	14	-	-	-	-	-	-	-
Owned by public housing authority	1 183	1 049	21	7	106	106	-	-	-
Other, Federal subsidy	701	545	9	4	143	130	-	12	-
Other, State or local subsidy	294	255	13	2	24	18	2	4	-
Other, income verification	227	209	2	-	15	15	-	-	-
Subsidy or income verification not reported	171	155	5	-	10	7	4	-	-

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total -----	29 039	24 560	334	150	3 995	3 751	165	55	24
Monthly Housing Costs									
Less than \$100 -----	480	438	2	1	39	30	4	4	1
\$100 to \$199 -----	3 114	2 859	16	15	224	179	36	4	5
\$200 to \$249 -----	1 759	1 592	25	4	137	108	13	5	11
\$250 to \$299 -----	1 784	1 634	27	4	119	99	11	9	-
\$300 to \$349 -----	1 975	1 799	17	10	148	114	24	11	-
\$350 to \$399 -----	2 002	1 814	19	6	163	158	3	2	-
\$400 to \$449 -----	1 979	1 674	24	9	272	243	27	2	-
\$450 to \$499 -----	1 893	1 583	24	9	266	253	11	2	-
\$500 to \$599 -----	3 203	2 695	57	12	438	431	7	-	-
\$600 to \$699 -----	2 341	1 906	6	11	418	399	12	4	2
\$700 to \$799 -----	1 754	1 407	28	9	310	306	-	4	-
\$800 to \$999 -----	2 006	1 566	26	11	403	395	8	1	-
\$1,000 to \$1,249 -----	1 204	820	7	11	367	362	3	2	-
\$1,250 to \$1,499 -----	601	424	5	9	164	161	3	-	-
\$1,500 or more -----	949	641	5	12	291	291	-	-	-
No cash rent -----	681	568	28	4	61	50	-	6	5
Mortgage payment not reported -----	1 333	1 129	17	12	175	173	3	-	-
Median (excludes no cash rent) -----	461	439	478	563	618	637	336	...	...
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs -----	499	454	-	676	698	941	324	...	...
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs -----	223	189	...	365	587	620	100-	...	...
Monthly Housing Costs as Percent of Current Income									
Less than 5 percent -----	697	610	2	5	79	72	7	1	-
5 to 9 percent -----	2 442	2 215	9	8	210	194	15	-	-
10 to 14 percent -----	3 278	2 905	13	9	352	327	19	5	1
15 to 19 percent -----	4 049	3 424	30	21	573	547	23	3	-
20 to 24 percent -----	3 557	2 858	34	17	648	614	20	13	-
25 to 29 percent -----	3 112	2 531	29	12	540	514	15	10	-
30 to 34 percent -----	2 087	1 680	29	16	362	339	10	7	5
35 to 39 percent -----	1 454	1 176	25	5	248	243	3	-	2
40 to 49 percent -----	1 816	1 542	29	13	232	225	7	-	-
50 to 59 percent -----	1 152	1 000	18	7	128	112	9	1	5
60 to 69 percent -----	686	583	15	4	84	66	9	4	5
70 to 99 percent -----	1 070	951	19	5	94	79	12	3	-
100 percent or more ¹ -----	1 277	1 081	24	10	162	151	8	3	-
Zero or negative income -----	368	304	14	1	49	45	4	-	-
No cash rent -----	661	568	28	4	61	50	-	6	5
Mortgage payment not reported -----	1 333	1 129	17	12	175	173	3	-	-
Median (excludes 3 previous lines) -----	24	24	34	27	25	25	24	...	...
Median (excludes 4 lines before medians) -----	23	23	31	25	24	24	23	...	...
Rent Paid by Lodgers									
Lodgers in housing units -----	406	322	9	1	77	70	6	-	-
Less than \$100 per month -----	21	16	-	-	5	5	-	-	-
\$100 to \$199 -----	101	81	5	-	15	15	-	-	-
\$200 to \$299 -----	116	109	-	1	6	6	-	-	-
\$300 to \$399 -----	53	33	-	-	20	20	-	-	-
\$400 or more per month -----	76	53	5	-	18	15	3	-	-
Not reported -----	42	30	-	-	12	9	3	-	-
Median -----	253	245	-	-	329	320	...	...	...
Monthly Cost Paid for Electricity									
Electricity used -----	29 035	24 555	334	150	3 995	3 751	165	55	24
Less than \$25 -----	3 880	3 423	48	8	401	376	12	8	5
\$25 to \$49 -----	8 999	7 722	90	52	1 135	1 044	67	22	3
\$50 to \$74 -----	5 712	4 672	32	25	983	960	17	6	-
\$75 to \$99 -----	2 790	2 231	20	23	518	489	27	1	-
\$100 to \$149 -----	2 073	1 658	5	9	402	391	11	-	-
\$150 to \$199 -----	541	440	5	3	93	93	-	-	-
\$200 or more -----	245	174	6	2	62	58	3	1	-
Median -----	48	47	40	51	57	57	48	...	...
Included in rent, other fee, or obtained free -----	4 794	4 234	128	29	402	340	29	17	16
Monthly Cost Paid for Piped Gas									
Piped gas used -----	22 508	20 099	291	135	1 982	1 810	106	42	23
Less than \$25 -----	6 159	5 406	64	20	670	625	28	11	5
\$25 to \$49 -----	6 258	5 554	41	23	640	598	38	4	-
\$50 to \$74 -----	3 050	2 814	18	19	199	196	3	-	-
\$75 to \$99 -----	1 160	1 072	10	14	65	62	-	1	2
\$100 to \$149 -----	681	613	12	18	37	37	-	-	-
\$150 to \$199 -----	231	217	9	6	-	-	-	-	-
\$200 or more -----	157	144	5	4	4	4	-	-	-
Median -----	36	36	34	62	30	31	29	...	...
Included in rent, other fee, or obtained free -----	4 812	4 280	133	31	368	288	37	27	16

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
Average Monthly Cost Paid for Fuel Oil										
Fuel oil used	4 304	4 082	67	25	129	103	15	5	5	
Less than \$25	313	295	7	-	11	7	4	1	-	
\$25 to \$49	464	422	4	2	36	30	6	-	-	
\$50 to \$74	455	428	10	3	14	11	3	-	-	
\$75 to \$99	258	244	5	1	9	9	-	-	-	
\$100 to \$149	276	264	1	3	8	8	-	-	-	
\$150 to \$199	78	75	2	1	-	-	-	-	-	
\$200 or more	109	99	2	5	3	3	-	-	-	
Median	61	61	61	-	45	48	-	-	-	
Included in rent, other fee, or obtained free	2 350	2 254	37	11	48	35	3	4	5	
Property Insurance										
Property insurance paid	16 841	14 321	77	101	2 342	2 264	63	13	2	
Median per month	26	26	38	30	26	27	18	-	-	
Monthly Costs Paid for Selected Utilities and Fuels										
Water paid separately	10 352	9 130	55	60	1 107	1 090	17	-	-	
Median	22	21	-	23	25	25	-	-	-	
Trash paid separately	5 335	4 559	28	18	730	718	13	-	-	
Median	12	11	-	-	14	14	-	-	-	
Bottled gas paid separately	187	154	-	-	33	28	4	-	1	
Median	34	35	-	-	-	-	-	-	-	
Other fuel paid separately	1 602	1 243	3	5	350	344	7	-	-	
Median	10-	10-	-	-	10-	10-	-	-	-	
OWNER OCCUPIED UNITS										
Total	14 480	12 515	70	95	1 799	1 692	103	4	1	
Cost and Ownership Sharing										
Ownership shared by person not living here	811	542	5	2	62	62	-	-	-	
Costs shared by person not living here	119	102	5	-	13	13	-	-	-	
Costs not shared	492	441	-	2	49	49	-	-	-	
Cost sharing not reported	-	-	-	-	-	-	-	-	-	
Ownership not shared	13 545	11 674	61	94	1 716	1 609	103	4	1	
Costs shared by person not living here	87	77	2	-	7	7	-	-	-	
Costs not shared	13 419	11 562	59	93	1 705	1 598	103	4	1	
Cost sharing not reported	40	35	-	1	4	4	-	-	-	
Ownership sharing not reported	324	298	5	-	21	21	-	-	-	
Monthly Payment for Principal and Interest										
Less than \$100	239	227	-	2	10	10	-	-	-	
\$100 to \$199	748	710	-	6	32	27	5	-	-	
\$200 to \$249	450	423	-	6	20	13	7	-	-	
\$250 to \$299	540	497	2	2	39	38	1	-	-	
\$300 to \$349	490	449	-	5	36	36	-	-	-	
\$350 to \$399	531	487	-	5	38	38	-	-	-	
\$400 to \$449	486	419	2	5	60	55	5	-	-	
\$450 to \$499	465	400	-	2	62	59	3	-	-	
\$500 to \$599	815	651	3	5	156	152	4	3	-	
\$600 to \$699	632	485	7	6	135	133	2	3	-	
\$700 to \$799	496	348	2	2	143	143	-	-	-	
\$800 to \$999	524	318	2	2	201	201	-	-	-	
\$1,000 to \$1,249	408	283	-	7	138	135	3	-	-	
\$1,250 to \$1,499	222	144	2	2	74	74	-	-	-	
\$1,500 or more	415	286	2	6	121	121	-	-	-	
Not reported	1 333	1 129	17	12	175	173	3	-	-	
Median	476	431	-	456	731	739	-	-	-	
Average Monthly Cost Paid for Real Estate Taxes										
Less than \$25	2 362	2 068	2	9	283	208	71	3	1	
\$25 to \$49	2 841	2 571	7	12	250	238	11	1	-	
\$50 to \$74	2 563	2 279	5	22	257	244	12	-	-	
\$75 to \$99	1 800	1 538	12	14	236	236	2	-	-	
\$100 to \$149	2 425	2 032	18	8	367	361	5	-	-	
\$150 to \$199	1 065	900	11	6	148	148	-	-	-	
\$200 or more	1 425	1 128	16	24	259	259	-	-	-	
Median	70	68	128	83	87	92	25-	-	-	
Annual Taxes Paid Per \$1,000 Value										
Less than \$5	2 545	2 241	9	14	281	254	24	3	1	
\$5 to \$9	4 251	3 573	14	22	642	620	22	1	-	
\$10 to \$14	3 204	2 705	17	22	480	440	19	1	-	
\$15 to \$19	1 694	1 510	20	12	152	143	9	-	-	
\$20 to \$24	1 088	940	-	12	135	130	5	-	-	
\$25 or more	1 898	1 545	9	14	130	105	24	-	-	
Median	11	11	13	13	10	10	12	-	-	
Routine Maintenance in Last Year										
Less than \$25 per month	9 013	7 675	28	49	1 261	1 173	84	4	1	
\$25 to \$49	2 558	2 241	17	20	280	269	12	-	-	
\$50 to \$74	587	517	3	7	41	41	-	-	-	
\$75 to \$99	720	648	2	7	64	64	-	-	-	
\$100 to \$149	287	259	2	2	24	24	-	-	-	
\$150 to \$199	317	285	7	3	22	22	-	-	-	
\$200 or more per month	389	339	-	3	47	47	-	-	-	
Not reported	629	553	11	5	60	53	7	-	-	
Median	25-	25-	27	25-	25-	25-	25-	-	-	

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
OWNER OCCUPIED UNITS—Con.									
Condominium and Cooperative Fee									
Fee paid by owners	811	578	2	6	225	222	—	3	—
Less than \$25 per month	7	7	—	—	—	—	—	—	—
\$25 to \$49	19	14	1	—	4	4	—	—	—
\$50 to \$74	74	30	—	—	44	44	—	—	—
\$75 to \$99	73	40	—	—	33	33	—	—	—
\$100 to \$149	202	125	1	—	76	76	—	—	—
\$150 to \$199	117	85	—	1	32	32	—	—	—
\$200 or more per month	282	248	—	6	29	26	—	3	—
Not reported	36	29	—	—	7	7	—	—	—
Median	155	184	—	—	118	117	—	—	—
Other Housing Costs Per Month									
Homeowner association fee paid	643	423	2	3	215	212	—	3	—
Median	140	154	—	—	118	117	—	—	—
Mobile home park fee paid	32	26	—	—	6	—	6	—	—
Median	—	—	—	—	—	—	—	—	—
Land rent fee paid	25	25	—	—	—	—	—	—	—
Median	—	—	—	—	—	—	—	—	—

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	14 480	12 515	70	95	1 799	1 692	103	4	1
Value									
Less than \$10,000	258	201	2	-	54	16	38	-	-
\$10,000 to \$19,999	409	326	4	4	77	45	32	-	-
\$20,000 to \$29,999	681	632	2	3	44	33	10	-	1
\$30,000 to \$39,999	892	948	2	6	36	34	3	-	-
\$40,000 to \$49,999	1 258	1 187	7	5	59	58	3	-	-
\$50,000 to \$59,999	1 321	1 224	-	7	89	85	-	1	-
\$60,000 to \$69,999	1 423	1 296	-	11	116	111	5	-	-
\$70,000 to \$79,999	1 141	1 005	-	13	115	115	-	-	-
\$80,000 to \$99,999	1 894	1 599	5	11	279	275	4	-	-
\$100,000 to \$119,999	970	806	2	2	160	160	-	-	-
\$120,000 to \$149,999	1 034	794	9	8	223	220	-	3	-
\$150,000 to \$199,999	1 249	1 004	5	7	233	230	3	-	-
\$200,000 to \$249,999	693	561	7	5	120	120	-	-	-
\$250,000 to \$299,999	412	334	7	5	66	66	-	-	-
\$300,000 or more	745	596	13	9	127	123	4	-	-
Median	77 865	74 400	138 041	78 567	103 747	109 149	13 979	-	-
Value-Income Ratio									
Less than 1.5	4 201	3 650	16	26	509	436	73	1	-
1.5 to 1.9	1 879	1 586	5	19	269	263	6	-	-
2.0 to 2.4	1 623	1 343	3	9	268	260	8	-	-
2.5 to 2.9	1 254	1 028	7	7	213	204	8	-	1
3.0 to 3.9	1 626	1 367	14	12	232	232	-	-	-
4.0 to 4.9	977	870	5	4	99	99	-	-	-
5.0 or more	2 769	2 527	22	18	202	190	8	4	-
Zero or negative income	151	142	-	1	8	8	-	-	-
Median	2.3	2.4	3.4	2.1	2.2	2.3	1.5-	-	-
Other Activities on Property¹									
Commercial establishment	157	134	-	2	20	17	-	3	-
Medical or dental office	105	97	-	-	7	7	-	-	-
Neither	14 261	12 320	70	92	1 779	1 675	103	1	1
Year Unit Acquired									
1990 to 1994	1 533	1 047	-	9	476	449	27	-	-
1985 to 1989	3 824	2 813	18	20	973	933	35	4	1
1980 to 1984	1 737	1 407	2	21	307	292	15	-	-
1975 to 1979	1 843	1 817	5	10	10	-	10	-	-
1970 to 1974	1 316	1 290	12	6	8	-	8	-	-
1960 to 1969	1 940	1 926	2	9	2	-	2	-	-
1950 to 1959	1 291	1 266	13	11	-	-	-	-	-
1940 to 1949	469	447	11	6	4	-	4	-	-
1939 or earlier	145	144	-	1	-	-	-	-	-
Not reported	383	355	7	2	19	19	-	-	-
Median	1978	1976	1972	1979	1986	1986	1984	-	-
First Time Owners									
First home ever owned	7 241	6 529	34	61	617	575	42	-	-
Not first home	6 695	5 507	30	31	1 127	1 069	54	4	1
Not reported	543	478	7	3	55	48	7	-	-
Purchase Price									
Home purchased or built	13 710	11 784	61	90	1 775	1 673	97	4	1
Less than \$10,000	1 299	1 245	5	4	46	10	35	-	-
\$10,000 to \$19,999	2 367	2 276	14	12	65	45	20	-	-
\$20,000 to \$29,999	1 505	1 447	5	9	44	31	12	-	1
\$30,000 to \$39,999	1 289	1 222	2	11	54	53	1	-	-
\$40,000 to \$49,999	1 134	1 021	5	14	83	91	3	-	-
\$50,000 to \$59,999	933	825	-	10	98	95	3	-	-
\$60,000 to \$69,999	782	611	-	4	167	162	2	3	-
\$70,000 to \$79,999	608	446	-	5	153	153	-	-	-
\$80,000 to \$99,999	799	557	-	3	234	234	-	-	-
\$100,000 to \$119,999	492	297	-	1	190	187	3	-	-
\$120,000 to \$149,999	459	295	-	5	159	159	-	-	-
\$150,000 to \$199,999	465	295	-	2	165	165	-	-	-
\$200,000 to \$249,999	188	107	3	1	76	76	-	1	-
\$250,000 to \$299,999	111	72	5	2	32	32	-	-	-
\$300,000 or more	205	128	7	3	74	74	-	-	-
Not reported	1 074	939	-	3	125	108	17	-	-
Median	38 895	33 721	44 189	44 861	88 947	92 277	12 320	-	-
Received as inheritance or gift	389	378	2	3	5	5	-	-	-
Not reported	361	353	7	2	19	19	-	-	-
Major Source of Down Payment									
Home purchased or built	13 710	11 784	61	90	1 775	1 673	97	4	1
Sale of previous home	3 583	2 884	21	10	668	649	15	4	-
Savings or cash on hand	7 483	6 594	29	63	797	733	64	-	1
Sale of other investment	95	82	-	1	12	12	-	-	-
Borrowing, other than mortgage on this property	418	374	-	5	39	39	-	-	-
Inheritance or gift	318	274	2	1	41	40	1	-	-
Land where building built used for financing	26	18	-	-	7	7	-	-	-
Other	569	501	1	2	65	63	2	-	-
Not reported	831	718	9	7	97	91	6	-	-
Median	388	339	-	1	49	40	9	-	-

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	14 480	12 515	70	95	1 799	1 692	103	4	1
Mortgages Currently on Property									
None, owned free and clear	5 686	5 277	30	21	358	283	73	1	1
With mortgage or land contract	8 794	7 238	41	75	1 441	1 409	29	3	-
One mortgage or land contract	7 329	5 963	31	64	1 271	1 242	29	-	-
Two mortgages	1 225	1 068	3	10	144	140	-	3	-
Three or more mortgages	29	18	-	1	9	9	-	-	-
Number of mortgages not reported	212	188	7	-	17	17	-	-	-
OWNERS WITH ONE OR MORE MORTGAGES									
Total	8 794	7 238	41	75	1 441	1 409	29	3	-
Type of Primary Mortgage									
FHA	1 900	1 586	-	6	308	303	5	-	-
VA	821	702	5	5	110	110	-	-	-
Farmers Home Administration	25	18	-	7	7	7	-	-	-
Other types	5 490	4 440	29	60	962	934	24	3	-
Don't know	231	205	-	4	22	22	-	-	-
Not reported	327	288	7	-	33	33	-	-	-
Lower Cost State and Local Mortgages									
State or local program used	980	827	-	9	144	144	-	-	-
Not used	7 490	6 120	36	65	1 269	1 236	29	3	-
Not reported	324	290	5	1	28	28	-	-	-
Mortgage Origination									
Placed new mortgage(s)	6 899	5 567	31	65	1 237	1 208	29	-	-
Primary obtained when property acquired	5 663	4 487	18	52	1 105	1 084	21	-	-
Obtained later	1 199	1 049	13	12	125	116	8	-	-
Date not reported	38	30	-	-	8	8	-	-	-
Assumed	568	499	-	1	68	68	-	-	-
Wrap-around	9	9	-	-	-	-	-	-	-
Combination of the above	1 014	890	3	9	112	109	-	3	-
Origin not reported	303	272	7	-	24	24	-	-	-
Payment Plan of Primary Mortgage									
Fixed payment, self amortizing	6 816	5 651	26	60	1 078	1 052	23	3	-
Adjustable rate mortgage	709	504	7	9	188	186	2	-	-
Adjustable term mortgage	14	14	-	-	-	-	-	-	-
Graduated payment mortgage	125	85	-	1	39	39	-	-	-
Balloon	63	48	-	-	15	15	-	-	-
Other	121	100	-	1	20	20	-	-	-
Combination of the above	50	44	-	-	7	7	-	-	-
Not reported	896	792	7	2	94	91	4	-	-
Payment Plan of Secondary Mortgage									
Units with two or more mortgages	1 253	1 086	3	11	153	150	-	3	-
Fixed payment, self amortizing	728	627	2	3	96	93	-	3	-
Adjustable rate mortgage	91	85	1	3	2	2	-	-	-
Adjustable term mortgage	21	18	-	-	2	2	-	-	-
Graduated payment mortgage	4	4	-	-	-	-	-	-	-
Balloon	11	11	-	-	-	-	-	-	-
Other	5	2	-	-	2	2	-	-	-
Combination of the above	44	37	-	2	5	5	-	-	-
Not reported	348	302	-	2	44	44	-	-	-
Lenders of Primary and Secondary Mortgages									
Only borrowed from firm(s)	7 545	6 113	33	67	1 332	1 307	21	3	-
Only borrowed from seller	235	215	-	4	16	10	7	-	-
Only borrowed from other individual(s)	93	71	-	-	23	21	1	-	-
Borrowed from a firm and seller	69	61	1	-	8	8	-	-	-
Borrowed from a firm and other individual	27	25	-	2	-	-	-	-	-
Borrowed from seller and other individual	-	-	-	-	-	-	-	-	-
One or both sources not reported	825	753	7	2	63	63	-	-	-
Items Included in Primary Mortgage Payment¹									
Principal and interest only	2 197	1 848	15	18	316	296	20	-	-
Property taxes	5 876	4 759	18	51	1 047	1 035	9	3	-
Property insurance	5 080	4 120	14	35	912	903	9	-	-
Other	374	316	2	1	55	55	-	-	-
Not reported	509	448	7	6	48	48	-	-	-
Year Primary Mortgage Originated									
1990 to 1994	1 806	1 165	5	9	428	413	14	-	-
1985 to 1989	3 599	2 723	21	24	830	816	10	3	-
1980 to 1984	1 040	873	1	15	151	151	-	-	-
1975 to 1979	1 146	1 132	2	10	1	-	1	-	-
1970 to 1974	625	620	2	3	-	-	-	-	-
1960 to 1969	388	383	-	5	-	-	-	-	-
1950 to 1959	21	14	2	5	-	-	-	-	-
1949 or earlier	5	2	-	2	-	-	-	-	-
Not reported	365	327	7	1	31	28	3	-	-
Median	1985	1984	-	1982	1987	1987	-	-	-

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
OWNERS WITH ONE OR MORE MORTGAGES—Con.									
Term of Primary Mortgage at Origination or Assumption									
Less than 8 years	114	78	-	1	35	28	7	-	-
8 to 12 years	143	124	-	1	18	14	4	-	-
13 to 17 years	635	502	-	6	128	122	6	-	-
18 to 22 years	541	459	7	11	63	63	-	-	-
23 to 27 years	551	484	5	10	52	52	-	-	-
28 to 32 years	4 751	3 770	7	33	942	936	2	3	-
33 years or more	60	57	-	-	2	2	-	-	-
Variable	57	57	-	-	-	-	-	-	-
Not reported	1 942	1 705	22	14	201	191	10	-	-
Median	29	29	...	28	30	30	...	...	...
Remaining Years Mortgaged									
Less than 8 years	938	855	2	7	72	58	14	-	-
8 to 12	1 158	1 036	5	16	101	95	6	-	-
13 to 17	1 177	1 069	7	7	94	94	-	-	-
18 to 22	780	646	3	5	107	107	-	-	-
23 to 27	1 872	1 351	11	13	497	489	5	3	-
28 to 32	1 617	1 135	3	13	467	467	-	-	-
33 years or more	28	23	-	-	5	5	-	-	-
Variable	219	188	-	3	27	27	-	-	-
Not reported	1 026	935	9	10	71	66	4	-	-
Median	21	19	-	18	26	26	...	...	...
Current Interest Rate									
Less than 6 percent	221	193	-	1	27	27	-	-	-
6 to 7.9	344	321	-	4	17	17	-	-	-
8 to 9.9	2 221	1 739	5	14	463	459	4	-	-
10 to 11.9	1 535	1 175	5	14	341	336	5	-	-
12 to 13.9	209	156	2	3	47	42	5	-	-
14 to 15.9	44	32	-	1	10	10	-	-	-
16 to 17.9	15	12	-	1	2	2	-	-	-
18 to 19.9	8	5	-	1	2	2	-	-	-
20 percent or more	9	5	-	4	4	4	-	-	-
Not reported	4 190	3 601	27	36	527	509	15	3	-
Median	9.1	9.0	...	9.6	9.3	9.3	...	...	...
Total Outstanding Principal Amount									
Less than \$10,000	489	434	2	7	25	21	5	-	-
\$10,000 to \$19,999	518	466	2	9	39	32	7	-	-
\$20,000 to \$29,999	571	491	2	5	28	28	-	-	-
\$30,000 to \$39,999	567	492	-	5	69	69	-	-	-
\$40,000 to \$49,999	509	417	2	2	89	88	-	-	-
\$50,000 to \$59,999	387	313	-	2	70	67	2	-	-
\$60,000 to \$69,999	339	238	2	1	97	97	-	-	-
\$70,000 to \$79,999	294	189	2	-	103	103	-	-	-
\$80,000 to \$89,999	323	201	-	-	122	122	-	-	-
\$100,000 to \$119,999	211	102	-	-	109	109	-	-	-
\$120,000 to \$149,999	168	117	-	2	50	50	-	-	-
\$150,000 to \$199,999	125	60	-	1	64	64	-	-	-
\$200,000 to \$249,999	48	25	-	1	22	22	-	-	-
\$250,000 to \$299,999	29	11	-	1	16	16	-	-	-
\$300,000 or more	48	35	-	1	12	12	-	-	-
Not reported	4 190	3 601	27	36	527	509	15	3	-
Median	43 519	37 774	...	26 525	73 957	74 639	...	...	...
Current Total Loan as Percent of Value									
Less than 20 percent	745	695	5	7	39	39	-	-	-
20 to 39	681	600	5	13	43	43	-	-	-
40 to 59	815	650	-	7	158	155	3	-	-
60 to 79	1 160	824	2	3	332	327	5	-	-
80 to 89	610	431	-	2	177	174	2	-	-
90 to 99	407	286	-	2	119	119	-	-	-
100 percent or more	206	152	2	4	47	43	4	-	-
Not reported	4 190	3 601	27	36	527	509	15	3	-
Median	61.4	56.1	...	38.5	73.1	73.1	...	...	...

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	14 480	12 515	70	95	1 799	1 692	103	4	1
Repairs, Improvements, Alterations In Last 2 Years									
Roof replaced (all or part)	2 645	2 520	10	23	92	80	11	-	1
Mostly done by household	506	473	2	5	26	21	5	-	-
Mostly done by others	2 062	1 968	5	15	64	57	6	-	1
Workers not reported	87	80	2	2	2	2	-	-	-
Costing \$500 or more	1 808	1 744	5	18	42	33	9	-	1
Costing less than \$500	533	491	2	3	37	34	3	-	-
Cost not reported	303	285	3	2	13	13	-	-	-
Roof replacement not reported	276	239	7	-	31	30	-	-	-
Additions built	466	372	5	2	87	81	5	-	1
Mostly done by household	169	120	5	2	42	39	3	-	-
Mostly done by others	281	236	-	-	45	42	3	-	1
Workers not reported	16	16	-	-	-	-	-	-	-
Costing \$500 or more	359	282	5	2	70	64	5	-	1
Costing less than \$500	40	28	-	-	13	13	-	-	-
Cost not reported	67	62	-	-	5	5	-	-	-
Additions not reported	229	201	5	-	24	24	-	-	-
Kitchen remodeled or added	1 264	1 182	7	11	55	52	3	-	-
Mostly done by household	594	554	7	5	28	26	3	-	-
Mostly done by others	631	604	-	5	21	21	-	-	-
Workers not reported	39	34	-	-	5	5	-	-	-
Costing \$500 or more	851	810	2	8	31	31	-	-	-
Costing less than \$500	260	248	2	-	11	8	3	-	-
Cost not reported	153	137	2	2	12	12	-	-	-
Kitchen remodeled or added not reported	239	208	5	-	27	26	-	-	-
Bathroom remodeled or added	1 422	1 339	5	15	63	55	8	-	-
Mostly done by household	647	597	5	7	40	34	5	-	-
Mostly done by others	720	686	-	9	23	21	2	-	-
Workers not reported	55	55	-	-	-	-	-	-	-
Costing \$500 or more	803	763	-	13	27	24	3	-	-
Costing less than \$500	433	404	2	1	25	20	5	-	-
Cost not reported	188	172	2	1	11	11	-	-	-
Bathroom remodeled or added not reported	230	199	5	-	26	26	-	-	-
Siding replaced or added	784	721	5	6	53	48	5	-	-
Mostly done by household	210	188	2	4	17	12	5	-	-
Mostly done by others	532	500	2	1	29	29	-	-	-
Workers not reported	43	36	-	-	7	7	-	-	-
Costing \$500 or more	472	450	5	3	14	12	2	-	-
Costing less than \$500	200	177	-	1	22	19	3	-	-
Cost not reported	112	94	-	1	16	16	-	-	-
Siding replaced or added not reported	240	206	5	-	29	28	-	-	-
Storm doors/windows bought and installed	1 863	1 724	9	15	115	106	9	-	-
Mostly done by household	701	606	5	4	84	78	6	-	-
Mostly done by others	1 110	1 068	2	11	31	28	2	-	-
Workers not reported	52	49	2	-	-	-	-	-	-
Costing \$500 or more	833	800	5	10	18	18	-	-	-
Costing less than \$500	805	713	-	4	89	80	9	-	-
Cost not reported	225	212	5	1	7	7	-	-	-
Storm doors/windows bought and installed not reported	255	224	5	-	26	26	-	-	-
Major equipment replaced or added	1 564	1 454	7	9	94	81	13	-	-
Mostly done by household	271	248	-	-	24	20	4	-	-
Mostly done by others	1 256	1 178	2	8	68	59	9	-	-
Workers not reported	36	36	5	1	2	2	-	-	-
Costing \$500 or more	1 144	1 077	5	6	57	44	13	-	-
Costing less than \$500	297	266	-	1	30	30	-	-	-
Cost not reported	123	111	2	2	8	8	-	-	-
Major equipment replaced or added not reported	255	221	5	-	29	26	2	-	-
Insulation added	946	865	5	11	66	58	8	-	-
Mostly done by household	406	363	5	5	34	29	5	-	-
Mostly done by others	479	451	-	4	24	24	-	-	-
Workers not reported	60	51	-	1	8	5	3	-	-
Costing \$500 or more	210	194	2	4	9	9	-	-	-
Costing less than \$500	547	502	-	5	40	35	5	-	-
Cost not reported	190	168	2	2	17	14	3	-	-
Insulation added not reported	267	236	5	-	26	26	-	-	-
Other major work ¹	2 945	2 573	18	32	321	309	12	-	-
Mostly done by household	884	739	7	17	121	115	7	-	-
Mostly done by others	1 944	1 722	12	16	194	189	5	-	-
Workers not reported	117	111	-	-	6	6	-	-	-
Other major work not reported	248	215	5	-	27	26	-	-	-
Government Subsidy for Repairs									
Units with major repairs the last 2 years ...	7 518	6 788	33	62	636	595	41	-	1
Received low-interest loan or grant	223	208	-	2	13	13	-	-	-
No low-interest loan or grant	7 113	6 418	33	60	602	564	38	-	1
Not reported	182	161	-	-	21	18	3	-	-

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	43 508	32 059	363	89	10 998	9 574	1 313	73	38
Tenure									
Owner occupied	31 052	22 978	116	58	7 900	6 889	979	27	5
Percent of all occupied	71.4	71.7	32.1	65.1	71.8	72.0	74.6	36.9	13.7
Renter occupied	12 456	9 081	246	31	3 098	2 685	334	46	33
Race and Origin									
White	39 491	29 117	330	82	9 963	8 626	1 227	72	37
Non-Hispanic	37 286	27 431	302	75	9 481	8 210	1 172	62	37
Hispanic	2 202	1 686	28	7	482	417	55	10	—
Black	2 707	2 018	20	6	602	592	69	1	1
Other	1 311	824	13	1	373	356	17	—	—
Total Hispanic	2 387	1 837	28	7	516	450	58	10	—
Units in Structure									
1, detached	28 958	23 408	—	62	5 491	5 345	64	49	32
1, attached	2 583	1 604	—	1	978	969	6	3	—
2 to 4	3 141	2 290	355	17	479	466	—	11	2
5 to 9	1 816	1 258	8	4	548	541	—	5	—
10 to 19	1 812	1 142	—	2	668	663	—	1	4
20 to 49	1 145	781	—	—	365	363	—	1	—
50 or more	1 004	731	—	2	270	267	—	4	—
Mobile home or trailer	3 050	847	—	1	2 202	958	1 244	—	—
Cooperatives and Condominiums									
Cooperatives	193	157	—	—	36	26	10	—	—
Condominiums	2 062	1 189	2	2	869	869	—	—	—
Year Structure Built¹									
1990 to 1994	1 254	—	—	—	1 254	1 254	—	—	—
1985 to 1989	4 849	—	—	—	4 849	4 849	—	—	—
1980 to 1984	3 896	199	—	—	3 497	3 471	23	—	4
1975 to 1979	5 510	4 966	17	7	520	—	484	27	9
1970 to 1974	5 184	4 708	20	7	449	—	427	2	20
1960 to 1969	7 839	7 478	39	9	314	—	301	7	5
1950 to 1959	6 415	6 233	110	11	59	—	49	10	—
1940 to 1949	3 005	2 927	41	15	21	—	17	3	—
1930 to 1939	1 943	1 778	116	35	13	—	4	9	—
1920 to 1929	1 419	1 403	11	—	5	—	2	3	—
1919 or earlier	2 394	2 366	7	4	17	—	8	10	—
Median	1968	1962	1950	1944	1985	1986	1973	1961	...
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	43 508	32 059	363	89	10 998	9 574	1 313	73	38
In central cities .....	...	...	...	...	...	...	...	...	...
Suburbs	43 508	32 059	363	89	10 998	9 574	1 313	73	38
Outside metropolitan statistical areas .....	...	...	...	...	...	...	...	...	...
Regions									
Northeast	10 431	8 719	152	42	1 518	1 439	68	8	2
Midwest	9 492	7 650	79	19	1 744	1 550	174	16	3
South	14 181	8 917	84	10	5 190	4 332	821	33	4
West	9 403	6 772	68	17	2 547	2 252	249	16	29
Urbanized Areas									
Inside urbanized areas	29 057	23 134	224	61	5 638	5 220	369	18	31
In central cities of (P)MSA's .....	...	...	...	...	...	...	...	...	...
Urban fringe	29 057	23 134	224	61	5 638	5 220	369	18	31
Outside urbanized areas	14 451	8 924	138	28	5 360	4 353	944	55	7
Other urban	3 485	2 521	49	17	898	826	65	7	—
Rural	10 966	6 404	89	12	4 462	3 527	880	47	7
Place Size²									
Less than 2,500 persons	1 650	1 387	25	3	235	157	73	5	—
2,500 to 9,999 persons	5 979	4 970	81	19	909	787	119	4	—
10,000 to 19,999 persons	5 819	4 930	52	22	814	727	77	6	4
20,000 to 49,999 persons	8 001	6 705	87	21	1 188	1 134	48	9	—
50,000 to 99,999 persons	4 106	3 527	18	5	558	487	42	3	25
100,000 to 249,999 persons	1 194	980	7	4	204	194	10	1	—
250,000 to 499,999 persons	7	2	—	—	5	5	—	—	—
500,000 to 999,999 persons	8	7	—	—	2	2	—	—	—
1,000,000 persons or more	—	—	—	—	—	—	—	—	—

¹For mobile home, oldest category is 1939 or earlier.

²Figures will not add to total, because all units are not in Places.

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	43 508	32 059	363	89	10 998	9 574	1 313	73	38
Stories In Structure									
1	952	643	60	6	244	236	-	6	2
2	3 591	2 264	155	8	1 164	1 158	-	3	4
3	2 873	2 092	122	7	652	641	-	11	-
4 to 6	1 110	884	21	3	201	200	-	2	-
7 or more	384	315	-	2	67	67	-	-	-
Not reported	7	2	5	-	-	-	-	-	-
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	7 958	5 556	298	20	2 084	2 065	-	15	4
None (on same floor)	2 895	1 997	174	11	813	809	-	4	-
1 (up or down)	2 361	1 720	75	5	560	552	-	5	4
2 or more (up or down)	1 695	1 203	8	3	481	477	-	5	-
Not reported	907	636	41	-	230	228	-	2	-
Common Stairways									
Multiunits, 2 or more floors	7 958	5 558	298	20	2 084	2 065	-	15	4
No common stairways	1 644	1 067	159	8	409	406	-	3	-
With common stairways	5 446	3 885	96	12	1 453	1 439	-	11	4
No loose steps	5 158	3 672	81	12	1 394	1 379	-	10	4
Railings not loose	4 747	3 371	63	12	1 302	1 288	-	10	4
Railings loose	149	102	-	-	47	47	-	-	-
No railings	203	159	16	-	27	27	-	-	-
Status of railings not reported	59	40	2	-	17	17	-	-	-
Loose steps	276	203	15	-	57	57	-	-	-
Railings not loose	202	141	5	-	55	55	-	-	-
Railings loose	42	34	8	-	-	-	-	-	-
No railings	19	18	1	-	-	-	-	-	-
Status of railings not reported	13	10	1	-	2	2	-	-	-
Status of steps not reported	12	10	-	-	2	2	-	-	-
Status of stairways not reported	668	604	42	-	222	220	-	2	-
Light Fixtures In Public Halls									
2 or more units in structure	8 910	6 199	357	26	2 328	2 301	-	21	6
No public halls	3 428	2 188	260	14	965	948	-	11	6
No light fixtures in public halls	25	21	-	-	3	2	-	1	-
All in working order	3 089	2 275	29	5	780	776	-	4	-
Some in working order	114	103	4	1	6	6	-	-	-
None in working order	9	6	2	-	-	-	-	-	-
Unable to determine if working	1 236	894	17	5	319	316	-	4	-
Not reported	1 010	711	45	-	254	253	-	2	-
Elevator on Floor									
Multiunits, 2 or more floors	7 958	5 556	298	20	2 084	2 065	-	15	4
With 1 or more elevators working	951	674	-	2	275	275	-	-	-
With elevator, none in working condition	55	42	-	-	13	13	-	-	-
No elevator	6 067	4 216	257	17	1 577	1 560	-	13	4
Units 3 or more floors from main entrance	211	150	-	-	61	58	-	4	-
Not reported	885	624	41	-	220	218	-	2	-
Foundation									
1 unit bldg. excl. mobile homes	31 541	25 010	-	63	6 468	6 314	70	52	32
With basement under all of building	11 668	9 716	-	27	1 925	1 899	10	10	5
With basement under part of building	3 806	3 270	-	18	518	515	1	-	2
With crawl space	6 575	5 521	-	8	1 046	999	38	9	-
On concrete slab	8 893	6 034	-	8	2 851	2 803	20	29	-
Other	566	469	-	1	96	92	-	4	-
Not reported	33	-	-	-	33	7	-	1	25
External Building Conditions¹									
Sagging roof	14	14	-	-	-	-	-	-	-
Missing roofing material	26	21	3	-	2	2	-	-	-
Hole in roof	5	5	-	-	-	-	-	-	-
Could not see roof	641	542	17	-	82	82	-	1	-
Missing bricks, siding, other outside wall material	55	46	6	-	2	2	-	-	-
Sloping outside walls	5	4	-	-	-	-	-	-	-
Boarded up windows	17	17	-	-	-	-	-	-	-
Broken windows	35	31	2	2	-	-	-	-	-
Bars on windows	42	32	4	-	5	5	-	-	-
Foundation crumbling or has open crack or hole	48	42	3	1	2	2	-	-	-
Could not see foundation	243	201	5	-	37	37	-	-	-
None of the above	6 896	4 683	274	22	1 917	1 892	-	18	6
Could not observe or not reported	1 208	840	52	-	316	314	-	2	-
Site Placement									
Mobile homes	3 050	847	-	1	2 202	958	1 244	-	-
First site	1 730	544	-	-	1 185	680	506	-	-
Moved from another site	744	141	-	-	603	195	408	-	-
Don't know	503	142	-	1	360	81	299	-	-
Not reported	73	20	-	-	53	22	31	-	-
Previous Occupancy									
Unit built 1980 or later	9 799	199	-	-	9 600	9 574	23	-	4
Not previously occupied	5 263	55	-	-	5 209	5 200	9	-	-
Not reported	989	68	-	-	921	914	3	-	4

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	43 508	32 059	363	89	10 998	9 574	1 313	73	38
Rooms									
1 room	145	98	13	-	34	7	-	2	25
2 rooms	259	191	20	-	48	33	5	10	-
3 rooms	2 773	2 018	83	4	687	580	63	17	7
4 rooms	7 344	4 806	90	14	2 434	1 813	605	15	-
5 rooms	9 540	6 983	70	5	2 482	2 055	423	1	3
6 rooms	9 245	7 118	48	20	2 060	1 894	151	13	2
7 rooms	6 491	5 143	23	12	1 314	1 277	36	-	-
8 rooms	4 396	3 287	9	17	1 083	1 059	15	9	-
9 rooms	1 932	1 422	4	4	502	489	14	-	-
10 rooms or more	1 384	993	4	4	374	366	2	6	-
Median	5.7	5.8	4.2	6.6	5.4	5.7	4.5	4.0	...
Bedrooms									
None	294	223	17	-	54	16	4	9	25
1	4 096	2 974	131	9	981	852	93	29	7
2	12 735	8 908	129	15	3 684	2 913	763	8	-
3	18 505	13 911	72	32	4 490	4 043	429	13	5
4 or more	7 878	6 042	14	33	1 789	1 748	25	15	-
Median	2.8	2.8	1.8	3.1	2.7	2.7	2.2	1.5	...
Complete Bathrooms									
None	139	108	4	1	26	12	7	7	-
1	18 785	13 712	290	26	2 757	1 947	736	42	33
1 and one-half	7 475	6 233	26	9	1 207	992	215	-	-
2 or more	19 108	12 006	41	54	7 007	6 622	355	25	5
Square Footage of Unit									
Single detached and mobile homes	32 008	24 254	-	62	7 692	6 304	1 307	49	32
Less than 500	348	190	-	-	157	35	116	4	2
500 to 749	1 201	787	-	-	414	55	358	3	-
750 to 999	2 572	1 645	-	3	924	494	424	6	-
1,000 to 1,499	6 954	5 367	-	8	1 580	1 335	229	13	3
1,500 to 1,999	6 802	5 427	-	9	1 368	1 320	46	-	-
2,000 to 2,499	5 029	3 990	-	3	1 035	1 007	26	-	2
2,500 to 2,999	2 810	2 187	-	4	619	606	5	8	-
3,000 to 3,999	2 641	2 008	-	5	628	622	6	-	-
4,000 or more	1 436	1 085	-	2	349	337	7	5	-
Not reported	2 217	1 587	-	29	620	492	93	9	25
Median	1 781	1 809	-	1 834	1 669	1 674	630	-	...
Lot Size									
Less than one-eighth acre	3 045	2 231	-	11	803	566	237	-	-
One-eighth up to one-quarter acre	8 505	5 278	-	11	1 216	1 125	90	1	-
One-quarter up to one-half acre	5 869	4 357	-	9	1 303	1 220	83	-	-
One-half up to one acre	4 036	3 063	-	6	967	833	125	9	-
1 to 4 acres	4 991	3 491	-	11	1 489	1 243	226	17	3
5 to 9 acres	798	481	-	1	307	226	78	2	-
10 acres or more	1 143	825	-	1	317	254	56	6	2
Don't know	7 490	5 648	-	12	1 830	1 428	386	16	-
Not reported	913	474	-	-	439	378	32	3	25
Median .....	.41	.39	-	.33	.48	.48	.65	...	...
Persons Per Room									
0.50 or less	29 700	22 138	245	58	7 259	6 422	794	34	8
0.51 to 1.00	12 884	9 230	111	29	3 494	3 013	444	29	8
1.01 to 1.50	785	571	7	3	204	124	71	9	-
1.51 or more	160	119	-	-	40	14	4	1	21
Square Feet Per Person									
Single detached and mobile homes	32 008	24 254	-	62	7 692	6 304	1 307	49	32
Less than 200	898	584	-	-	313	109	198	7	-
200 to 299	2 112	1 493	-	2	617	391	218	6	2
300 to 399	3 145	2 206	-	6	933	708	218	6	-
400 to 499	3 314	2 440	-	6	868	724	141	-	3
500 to 599	2 980	2 257	-	5	718	640	78	-	-
600 to 699	3 000	2 310	-	4	686	601	82	-	2
700 to 799	2 481	1 862	-	2	616	512	96	8	-
800 to 899	1 924	1 469	-	2	453	409	44	-	-
900 to 999	1 660	1 244	-	-	416	348	59	9	-
1,000 to 1,499	4 657	3 766	-	5	866	830	52	4	-
1,500 or more	3 623	3 055	-	2	568	539	26	-	-
Not reported	2 217	1 587	-	29	620	492	93	9	25
Median	682	703	-	565	613	655	388	...	...

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—			Units added through—			
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	43 508	32 059	363	89	10 998	9 574	1 313	73	38
Equipment¹									
Lacking complete kitchen facilities	292	177	16	—	100	62	7	3	27
With complete kitchen (sink, refrigerator and burners)	43 216	31 882	347	89	10 898	9 512	1 306	70	11
Kitchen sink	43 345	31 970	354	89	10 931	9 537	1 311	70	13
Refrigerator	43 425	32 016	358	89	10 961	9 565	1 311	72	13
Less than 5 years old	16 328	10 751	127	38	5 413	4 939	439	32	3
Age not reported	732	485	6	—	240	227	11	2	—
Burners and oven	43 351	31 964	352	89	10 948	9 554	1 311	70	11
Less than 5 years old	13 178	7 782	100	30	5 267	4 931	298	35	3
Age not reported	912	575	7	1	329	298	27	2	1
Burners only	36	31	—	—	5	5	—	—	—
Less than 5 years old	12	10	—	—	2	2	—	—	—
Age not reported	7	7	—	—	—	—	—	—	—
Oven only	37	19	5	—	13	8	2	1	2
Less than 5 years old	13	7	2	—	3	2	—	1	—
Age not reported	—	—	—	—	—	—	—	—	—
Neither burners nor oven	85	45	6	—	34	7	—	2	25
Dishwasher	26 422	17 927	106	41	8 349	8 003	305	33	7
Less than 5 years old	10 375	5 816	28	17	4 513	4 392	89	29	3
Age not reported	591	314	4	—	272	269	3	—	—
Washing machine	35 576	25 965	203	77	9 331	8 331	952	43	5
Less than 5 years old	13 597	8 894	97	27	4 579	4 178	372	27	3
Age not reported	344	225	—	—	119	111	8	—	—
Clothes dryer	33 520	24 249	183	66	9 022	8 157	818	43	5
Less than 5 years old	11 556	7 188	58	19	4 291	3 981	285	22	3
Age not reported	334	212	—	—	122	106	16	—	—
Disposal in kitchen sink	20 820	13 982	53	24	6 761	6 573	167	15	6
Less than 5 years old	8 682	4 752	16	14	3 901	3 823	64	14	—
Age not reported	800	524	2	—	273	270	4	—	—
Air conditioning:									
Central	21 482	13 552	51	17	7 863	7 313	494	27	28
1 room unit	6 896	5 779	82	17	1 008	597	389	22	—
2 room units	3 129	2 706	26	14	384	219	160	1	4
3 room units or more	1 233	1 167	16	6	45	30	14	—	—
Main Heating Equipment									
Warm-air furnace	24 822	18 021	162	37	8 602	5 709	848	20	25
Steam or hot water system	5 975	5 382	103	36	454	445	3	4	2
Electric heat pump	4 245	2 072	11	1	2 161	2 052	92	7	—
Built-in electric units	2 861	2 052	25	—	784	742	34	5	4
Floor, wall, or other built-in hot air units without ducts	1 724	1 573	20	1	130	87	39	3	2
Room heaters with flue	825	719	6	5	95	40	45	4	5
Room heaters without flue	529	434	2	2	91	23	62	6	—
Portable electric heaters	351	252	6	—	92	16	71	4	—
Stoves	882	607	9	2	265	184	64	17	—
Fireplaces with inserts	255	179	2	—	74	7	—	—	—
Fireplaces without inserts	236	170	—	3	63	56	7	—	—
Other	371	274	4	1	92	67	25	—	—
None	431	324	12	1	93	67	24	2	—
Other Heating Equipment									
With other heating equipment ¹	13 181	9 660	77	26	3 419	3 094	313	10	2
Warm-air furnace	623	387	4	3	229	158	64	8	—
Steam or hot water system	56	51	—	—	6	6	—	—	—
Electric heat pump	173	113	—	1	58	52	6	—	—
Built-in electric units	978	811	11	6	147	141	6	—	—
Floor, wall, or other built-in hot air units without ducts	180	153	2	1	23	21	2	—	—
Room heaters with flue	368	281	9	—	78	57	20	—	—
Room heaters without flue	797	644	3	2	148	97	49	2	—
Portable electric heaters	2 570	2 142	19	5	404	305	99	—	—
Stoves	1 480	1 165	4	3	282	233	49	—	—
Fireplaces with inserts	2 034	1 417	4	5	607	590	15	—	2
Fireplaces with no inserts	5 258	3 588	23	6	1 641	1 623	18	—	—
Other	355	270	1	1	83	76	7	—	—
Plumbing²									
With all plumbing facilities	42 617	31 435	348	86	10 748	9 365	1 279	68	36
Lacking some plumbing facilities ¹	51	41	2	—	8	2	4	2	—
No hot piped water	8	6	—	—	2	—	—	2	—
No bathtub nor shower	42	36	2	—	4	2	—	2	—
No flush toilet	17	14	—	—	4	—	4	—	—
No plumbing facilities for exclusive use	841	582	13	3	242	207	31	2	2
Source of Water									
Public system or private company	37 291	27 714	307	79	9 190	8 184	920	52	35
Well serving 1 to 5 units	5 570	3 866	40	7	1 658	1 274	364	17	2
Drilled	4 908	3 367	35	5	1 499	1 168	314	17	—
Dug	435	322	5	1	108	73	33	—	2
Not reported	228	176	—	2	50	33	17	—	—
Other	647	479	16	2	150	118	29	4	1

**SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980
AND SAME UNITS**
Table 6-4. Selected Equipment and Plumbing—Suburbs—Occupied Units—Con.

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New con- struction	Other sources		
							House or mobile home moved in	From nonresi- dential use	Other
Means of Sewage Disposal									
Public sewer	32 733	24 608	244	76	7 805	7 184	556	35	31
Septic tank, cesspool, chemical toilet	10 738	7 422	119	13	3 184	2 387	753	37	7
Other	37	28	-	-	8	3	4	2	-

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

²Data not up to publication standards; see "Qualifications of the Data" section in the Introduction.

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

Table 6-5. Fuels—Suburbs—Occupied Units

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	43 508	32 059	363	89	10 998	9 574	1 313	73	38
Main House Heating Fuel									
Housing units with heating fuel	43 077	31 734	351	88	10 904	9 506	1 290	71	38
Electricity	11 694	6 719	61	4	4 911	4 469	419	19	4
Piped gas	22 394	17 864	179	46	4 305	3 858	396	28	24
Bottled gas	1 367	767	4	2	595	227	1	1	11
Fuel oil	5 455	4 886	94	27	447	378	66	3	-
Kerosene or other liquid fuel	388	236	-	4	148	58	91	-	-
Coal or coke	135	107	-	-	28	20	7	2	-
Wood	1 508	1 069	13	4	421	332	74	15	-
Solar energy	12	7	-	-	5	5	-	-	-
Other	124	80	1	-	44	31	10	2	-
Other House Heating Fuels									
With other heating fuels ¹	8 276	6 199	48	22	2 007	1 725	270	10	2
Electricity	2 459	1 967	17	13	462	337	116	8	-
Piped gas	363	256	2	1	103	83	20	-	-
Bottled gas	176	114	2	-	60	40	20	-	-
Fuel oil	246	218	2	1	28	23	3	2	-
Kerosene or other liquid fuel	662	517	8	1	136	96	40	-	-
Coal or coke	120	97	2	-	22	19	2	-	-
Wood	4 416	3 186	15	8	1 208	1 136	70	-	2
Solar energy	102	82	2	-	18	14	4	-	-
Other	145	107	-	-	38	33	5	-	-
Not reported	365	225	2	-	139	107	31	-	-
Cooking Fuel									
With cooking fuel	43 423	32 014	357	89	10 964	9 567	1 313	71	13
Electricity	26 635	18 774	210	39	7 612	6 983	577	43	9
Piped gas	14 816	12 062	124	42	2 589	2 169	390	28	2
Bottled gas	1 809	1 069	24	8	708	390	317	-	2
Kerosene or other liquid fuel	83	62	-	-	21	7	15	-	-
Coal or coke	2	2	-	-	-	-	-	-	-
Wood	13	12	-	-	1	1	-	-	-
Other	65	33	-	-	32	17	15	-	-
Water Heating Fuel									
With hot piped water	43 464	32 024	360	89	10 991	9 571	1 313	69	38
Electricity	15 999	10 112	119	14	5 754	4 898	818	34	4
Piped gas	23 149	18 458	181	52	4 457	4 084	316	33	24
Bottled gas	1 140	690	8	4	439	280	148	1	11
Fuel oil	2 749	2 453	52	17	227	211	15	1	-
Kerosene or other liquid fuel	77	45	-	-	32	20	12	-	-
Coal or coke	16	10	-	-	6	6	-	-	-
Wood	19	16	-	1	3	3	-	-	-
Solar energy	168	142	-	1	26	26	-	-	-
Other	146	99	-	-	47	43	4	-	-
Central Air Conditioning Fuel									
With central air conditioning	21 482	13 552	51	17	7 863	7 313	494	27	28
Electricity	20 005	12 464	51	14	7 477	6 944	477	27	28
Piped gas	1 357	993	-	3	362	344	18	-	-
Other	120	95	-	-	25	25	-	-	-
Clothes Dryer Fuel									
With clothes dryer	33 520	24 249	183	66	9 022	8 157	818	43	5
Electricity	24 438	16 921	127	45	7 345	6 569	743	33	4
Piped gas	8 645	7 039	52	18	1 536	1 489	56	9	2
Other	437	289	4	3	141	119	18	-	3
Units Using Each Fuel¹									
Electricity	43 496	32 049	363	89	10 995	9 571	1 313	73	38
All-electric units	9 523	5 272	49	3	4 199	3 891	290	14	4
Piped gas	26 434	21 074	203	61	5 096	4 555	478	40	24
Bottled gas	2 790	1 749	28	10	1 004	587	402	4	11
Fuel oil	6 382	5 649	106	28	598	471	117	11	-
Kerosene or other liquid fuel	1 113	799	8	5	301	161	139	-	-
Coal or coke	260	209	2	-	50	39	9	2	-
Wood	5 926	4 257	28	12	1 629	1 468	144	15	2
Solar energy	275	225	2	1	48	43	4	-	-
Other	413	285	1	-	127	99	26	2	-

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by-		Units added through-				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	43 508	32 059	363	89	10 998	9 574	1 313	73	38
Water Supply Stoppage									
With hot and cold piped water	43 464	32 024	360	89	10 991	9 571	1 313	69	38
No stoppage in last 3 months	41 091	30 299	335	85	10 371	9 068	1 204	63	36
With stoppage in last 3 months	1 959	1 452	24	3	480	392	82	4	2
No stoppage lasting 6 hours or more	765	572	14	—	179	139	37	4	—
1 time lasting 6 hours or more	812	587	6	—	218	182	33	—	2
2 times	143	114	3	—	28	19	7	—	—
3 times	69	44	—	—	25	23	3	—	—
4 times or more	54	42	—	—	11	11	—	—	—
Number of times not reported	115	83	—	1	21	19	2	—	—
Stoppage not reported	414	273	1	1	140	110	27	3	—
Flush Toilet Breakdowns									
With one or more flush toilets	43 455	32 016	360	89	10 989	9 571	1 310	71	38
With at least one working toilet at all times in last 3 months	41 350	30 397	337	86	10 530	9 211	1 228	67	24
None working some time in last 3 months	1 917	1 485	22	2	409	315	78	2	14
No breakdowns lasting 6 hours or more	609	446	10	—	152	110	30	2	11
1 time lasting 6 hours or more	876	711	7	1	156	123	31	—	3
2 times	167	132	2	—	33	26	7	—	—
3 times	40	29	—	—	11	8	2	—	—
4 times or more	43	41	—	—	3	2	—	—	—
Number of times not reported	182	125	2	1	54	46	8	—	—
Breakdowns not reported	188	135	1	1	50	44	4	2	—
Sewage Disposal Breakdowns									
With public sewer	32 733	24 606	244	76	7 805	7 184	556	35	31
No breakdowns in last 3 months	32 291	24 247	241	76	7 727	7 127	535	35	31
With breakdowns in last 3 months	442	361	2	—	78	57	21	—	—
No breakdowns lasting 6 hours or more	160	141	—	—	19	19	1	—	—
1 time lasting 6 hours or more	226	175	2	—	49	31	18	—	—
2 times	20	12	—	—	6	8	—	—	—
3 times	20	17	—	—	2	—	—	—	—
4 times or more	16	16	—	—	—	—	—	—	—
With septic tank or cesspool	10 738	7 422	119	13	3 184	2 387	753	37	7
No breakdowns in last 3 months	10 492	7 231	116	13	3 132	2 351	737	37	7
With breakdowns in last 3 months	246	191	3	—	52	36	16	—	—
No breakdowns lasting 6 hours or more	80	69	1	—	9	7	2	—	—
1 time lasting 6 hours or more	137	108	2	—	28	20	8	—	—
2 times	13	7	—	—	5	4	—	—	—
3 times	8	—	—	—	8	5	—	—	—
4 times or more	8	6	—	—	2	2	—	—	—
Heating Problems									
With heating equipment and occupied last winter	38 874	29 171	303	82	9 318	8 105	1 121	59	33
Not uncomfortably cold for 24 hours or more last winter	36 427	27 293	267	75	8 792	7 687	1 020	54	30
Uncomfortably cold for 24 hours or more last winter ¹	2 356	1 814	36	8	499	399	95	3	2
Equipment breakdowns	716	561	5	2	149	109	37	2	—
No breakdowns lasting 6 hours or more	55	44	—	—	11	5	5	—	—
1 time lasting 6 hours or more	442	334	—	2	106	84	19	2	—
2 times	96	76	2	—	17	13	4	—	—
3 times	46	41	—	—	5	5	—	—	—
4 times or more	53	41	2	—	10	2	8	—	—
Number of times not reported	25	24	—	—	1	—	1	—	—
Other causes	1 732	1 323	31	8	369	304	61	3	2
Utility interruption	586	437	6	1	142	124	16	—	2
Inadequate heating capacity	297	229	8	—	61	48	10	2	—
Inadequate insulation	218	169	4	4	41	34	7	—	—
Other	564	441	9	3	111	86	24	—	—
Not reported	67	48	4	—	14	11	3	—	—
Reason for discomfort not reported	9	9	—	—	—	—	—	—	—
Discomfort not reported	91	64	—	—	27	19	6	2	—
Electric Fuses and Circuit Breakers									
With electrical wiring	43 498	32 052	363	89	10 995	9 571	1 313	73	38
No fuses or breakers blown in last 3 mo.	37 301	27 204	308	75	9 714	8 503	1 106	66	38
With fuses or breakers blown in last 3 mo.	5 766	4 549	54	14	1 149	951	197	1	—
1 time	2 927	2 279	24	4	620	509	110	—	—
2 times	1 269	1 036	13	7	212	192	20	—	—
3 times	465	364	5	2	94	76	17	—	—
4 times or more	748	599	7	—	142	101	41	1	—
Number of times not reported	358	271	5	—	81	72	9	—	—
Problem not reported or don't know	432	299	—	1	132	117	10	6	—

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	43 508	32 059	383	89	10 998	9 574	1 313	73	38
Selected Amenities¹									
Porch, deck, balcony, or patio	35 105	25 450	243	66	9 348	8 348	933	44	20
Not reported	78	55	1	-	21	13	7	-	-
Telephone available	41 665	30 737	318	86	10 524	9 239	1 178	69	38
Usable fireplace	18 396	11 523	63	27	4 783	4 687	77	16	2
Separate dining room	21 505	16 099	110	47	5 248	4 967	252	27	2
With 2 or more living rooms or recreation rooms, etc.	18 372	12 494	68	44	3 768	3 587	180	19	-
Garage or carport included with home	28 190	21 303	131	54	6 703	6 356	306	34	7
Not included	15 245	10 702	232	35	4 276	3 199	1 007	39	31
Offstreet parking included	13 138	9 009	178	26	3 926	2 963	896	36	31
Offstreet parking not reported	130	101	2	-	26	13	13	1	-
Garage or carport not reported	73	55	-	-	18	18	-	-	-
Cars and Trucks Available¹									
No cars, trucks, or vans	2 505	1 970	43	7	488	293	160	8	25
Other households without cars	2 107	1 488	33	6	580	443	123	12	2
1 car with or without trucks or vans	20 375	14 808	201	30	5 235	4 466	732	30	8
2 cars	14 340	10 436	65	32	3 807	3 531	264	12	-
3 or more cars	4 181	3 257	20	14	890	841	34	11	3
With cars, no trucks or vans	25 759	19 143	219	54	6 343	5 898	600	35	10
1 truck or van with or without cars	12 502	8 838	93	25	3 448	2 893	426	24	3
2 or more trucks or vans	2 742	2 008	8	3	723	590	127	6	-
Owner or Manager on Property									
Rental, multiunit ²	8 917	6 201	363	26	2 328	2 301	-	21	6
Owner or manager lives on property	3 103	2 106	96	6	895	675	-	14	6
Neither owner nor manager lives on property	4 268	3 104	128	10	1 023	1 017	-	5	-
Not reported	1 549	991	138	10	410	409	-	1	-
Selected Deficiencies¹									
Signs of rats in last 3 months	986	734	15	2	233	134	97	2	-
Holes in floors	353	265	3	2	83	31	52	-	-
Open cracks or holes (interior)	1 640	1 347	21	3	270	176	91	3	-
Broken plaster or peeling paint (interior)	1 187	1 045	18	5	118	84	34	-	-
No electrical wiring	10	7	-	-	3	3	-	-	-
Exposed wiring	521	428	11	1	81	49	26	2	4
Rooms without electric outlets	578	474	6	1	97	57	36	4	-
Water Leakage During Last 12 Months									
No leakage from inside structure	38 853	28 543	333	78	9 899	8 843	1 153	70	33
With leakage from inside structure ¹	4 576	3 460	29	11	1 075	909	160	1	5
Fixtures backed up or overflowed	1 534	1 162	5	5	361	306	55	-	-
Pipes leaked	2 058	1 602	20	5	428	336	86	1	5
Other or unknown (includes not reported)	1 128	809	4	1	313	282	32	-	-
Interior leakage not reported	79	58	-	-	24	22	-	2	-
No leakage from outside structure	36 700	26 786	303	66	9 545	8 394	1 053	62	36
With leakage from outside structure ¹	6 679	5 189	56	22	1 412	1 144	258	9	2
Roof	2 677	2 023	27	12	618	424	186	4	2
Basement	2 374	2 116	14	6	238	235	-	1	2
Walls, closed windows, or doors	1 144	708	10	2	424	342	76	4	2
Other or unknown (includes not reported)	831	595	6	3	227	208	19	-	-
Exterior leakage not reported	129	84	4	1	41	36	3	2	-
Overall Opinion of Structure									
1 (worst)	184	146	2	-	36	30	6	-	-
2	136	102	2	-	31	15	16	-	-
3	228	177	4	-	47	31	16	-	-
4	408	307	6	-	96	59	33	4	-
5	2 418	1 865	29	6	518	328	180	6	4
6	1 836	1 438	30	4	364	267	86	10	-
7	4 605	3 535	53	10	1 008	848	151	3	5
8	10 528	8 012	82	26	2 408	2 086	300	7	14
9	6 986	5 039	53	13	1 881	1 729	143	8	1
10 (best)	15 894	11 204	100	31	4 559	4 141	372	33	13
Not reported	286	233	2	-	51	40	9	2	-
Selected Physical Problems									
Severe physical problems ¹	1 053	750	19	3	281	216	58	5	2
Plumbing	891	624	15	3	250	208	34	5	2
Heating	98	82	2	-	14	6	8	-	-
Electric	20	17	-	-	3	3	-	-	-
Upkeep	70	52	2	-	15	-	15	-	-
Hallways	-	-	-	-	-	-	-	-	-
Moderate physical problems ¹	1 304	1 023	25	4	252	113	105	7	27
Plumbing	81	68	-	-	13	11	3	-	-
Heating	500	409	2	2	87	21	6	-	-
Upkeep	544	456	10	2	78	38	38	-	-
Hallways	9	5	4	-	-	-	-	-	-
Kitchen	219	125	8	-	85	50	7	1	27

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

²Two or more units of any tenure in the structure.

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

Table 6-8. Neighborhood—Suburbs—Occupied Units

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	43 508	32 059	383	89	10 998	9 574	1 313	73	38
Overall Opinion of Neighborhood									
1 (worst)	445	349	8	1	89	51	36	-	2
2	255	206	2	1	46	30	16	-	-
3	381	296	-	1	84	66	18	-	-
4	585	426	7	1	151	109	42	-	-
5	2 718	2 138	19	6	555	460	85	6	5
6	1 982	1 580	23	1	397	348	45	4	-
7	4 584	3 451	48	6	1 059	828	122	4	5
8	9 736	7 217	89	30	2 400	2 158	220	9	14
9	6 886	5 032	55	13	1 785	1 845	131	9	-
10 (best)	15 338	10 933	103	28	4 275	3 664	582	38	11
No neighborhood	212	125	7	-	80	57	23	-	-
Not reported	404	325	4	-	76	59	14	2	-
Neighborhood Conditions									
With neighborhood	42 892	31 608	352	89	10 842	9 457	1 277	71	38
No problems	27 418	20 132	225	58	7 006	6 068	860	54	23
With problems	15 320	11 378	124	33	3 785	3 348	406	16	15
Crime	1 954	1 419	25	5	505	418	75	3	9
Noise	2 678	2 091	23	8	556	496	55	4	3
Traffic	3 197	2 583	32	9	573	526	40	3	4
Litter or housing deterioration	1 699	1 397	21	3	279	225	51	2	2
Poor city or county services	808	467	8	1	132	120	12	-	-
Undesirable commercial, institutional, industrial	651	532	6	2	111	104	7	-	-
People	4 672	3 499	35	10	1 129	945	166	3	15
Other	4 244	2 903	19	7	1 315	1 178	136	3	3
Type of problem not reported	329	228	2	-	99	85	14	-	-
Presence of problems not reported	154	98	3	1	52	41	10	1	-
Description of Area Within 300 Feet¹									
Single-family detached houses	2 824	2 169	265	15	474	464	-	10	-
Only single-family detached	-	-	-	-	-	-	-	-	-
Single-family attached or 1 to 3 story multiunit	6 139	4 318	109	11	1 701	1 687	-	8	6
4 to 6 story multiunit	823	640	-	3	180	180	-	-	-
7 stories or more multiunit	294	255	-	2	37	36	-	1	-
Mobile homes	81	57	14	-	20	19	-	-	-
Commercial, institutional, or industrial	2 134	1 657	100	14	364	358	-	5	-
Residential parking lots	2 712	1 838	15	7	852	846	-	4	2
Body of water	430	275	18	1	139	136	-	3	-
Open space, park, farm, or ranch	1 745	1 081	84	10	571	565	-	5	-
4+ lane highway, railroad, or airport	1 006	721	40	6	239	237	-	1	-
Other	383	267	30	1	85	85	-	-	-
Not observed or not reported	986	687	48	-	250	249	-	2	-
Age of Other Residential Buildings Within 300 Feet									
Older	445	248	2	-	195	194	-	-	2
About the same	5 973	4 102	225	22	1 624	1 609	-	12	4
Newer	186	151	14	-	22	21	-	1	-
Very mixed	1 024	821	49	4	147	147	-	3	-
No other residential buildings	272	168	18	-	85	83	-	3	-
Not reported	1 008	710	48	-	250	248	-	2	-
Mobile Homes in Group									
Mobile homes	3 050	847	-	1	2 202	958	1 244	-	-
1 to 6	1 655	353	-	1	1 301	540	761	-	-
7 to 20	230	51	-	-	179	76	103	-	-
21 or more	1 163	443	-	-	720	342	378	-	-
Not reported	2	-	-	-	2	-	2	-	-
Other Buildings Vandalized or With Interior Exposed									
None	7 512	5 232	285	25	1 970	1 947	-	16	6
1 building	36	31	-	-	5	5	-	-	-
More than 1 building	80	65	-	-	15	15	-	-	-
No buildings within 300 feet	174	96	12	-	66	63	-	3	-
Not reported	1 108	776	60	-	272	270	-	2	-
Bars on Windows of Buildings									
With other buildings within 300 feet	7 828	5 327	285	25	1 990	1 988	-	17	8
No bars on windows	7 134	4 921	268	24	1 921	1 898	-	17	6
1 building with bars	165	124	11	1	29	29	-	-	-
2 or more buildings with bars	295	261	8	1	28	28	-	-	-
Not reported	34	21	-	-	13	13	-	-	-
Condition of Streets									
No repairs needed	6 416	4 323	239	20	1 834	1 815	-	14	6
Minor repairs needed	1 280	1 039	58	5	178	174	-	5	-
Major repairs needed	88	61	10	-	14	14	-	-	-
No streets within 300 feet	132	79	3	-	51	50	-	1	-
Not reported	995	697	48	-	250	248	-	2	-
Trash, Litter, or Junk on Streets or any Properties									
None	6 468	4 336	251	22	1 860	1 840	-	14	8
Minor accumulation	1 358	1 103	54	2	198	195	-	1	-
Major accumulation	77	56	4	-	16	12	-	4	-
Not reported	1 009	704	48	2	255	253	-	2	-

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Population in housing units	117 268	85 793	780	304	30 410	26 770	3 369	200	71
Total	43 508	32 059	363	89	10 998	9 574	1 313	73	38
Persons									
1 person	9 034	6 829	143	11	2 051	1 650	365	27	10
2 persons	14 442	10 754	115	18	3 555	3 124	399	10	23
3 persons	7 970	5 816	59	25	2 070	1 838	218	9	5
4 persons	7 374	5 257	31	15	2 072	1 864	197	10	—
5 persons	3 113	2 196	5	6	906	822	67	17	—
6 persons	993	744	4	9	235	182	54	—	—
7 persons or more	582	463	4	6	109	95	14	—	—
Median	2.4	2.4	1.8	3.1	2.5	2.5	2.2	2.5	—
Number of Single Children Under 18 Years Old									
None	28 942	20 613	262	43	6 023	5 157	785	44	38
1	6 866	4 806	47	23	1 990	1 745	238	8	—
2	6 338	4 273	38	11	2 018	1 822	183	10	—
3	2 482	1 730	12	6	734	673	50	11	—
4	640	448	—	1	193	147	46	—	—
5	168	128	—	4	31	22	9	—	—
6 or more	73	63	—	—	11	7	4	—	—
Median	5-	5-	5-	6	5-	5-	5-	5-	—
Persons 65 Years Old and Over									
None	33 466	23 676	297	69	9 423	8 320	1 004	63	36
1 person	6 491	5 395	43	16	1 037	793	231	10	2
2 persons or more	3 552	2 988	22	4	538	461	78	—	—
Age of Householder									
Under 25 years	1 673	1 109	41	2	522	437	76	8	—
25 to 29	3 834	2 372	46	10	1 408	1 240	158	11	—
30 to 34	5 223	3 278	53	11	1 881	1 705	163	10	4
35 to 44	10 264	7 094	57	21	3 092	2 809	257	16	11
45 to 54	7 581	5 800	48	19	1 714	1 481	202	15	15
55 to 64	5 816	4 725	54	12	1 025	840	171	7	7
65 to 74	5 393	4 557	25	6	805	648	155	2	—
75 years and over	3 724	3 124	38	8	553	415	134	4	1
Median	46	49	42	46	40	40	45	40	—
Household Composition by Age of Householder									
2-or-more person households	34 474	25 230	219	78	8 946	7 924	948	46	28
Married-couple families, no nonrelatives	25 699	18 819	115	59	6 705	6 040	623	36	5
Under 25 years	591	371	13	—	207	171	33	3	—
25 to 29 years	2 060	1 227	14	7	812	718	91	3	—
30 to 34 years	3 324	2 046	20	7	1 251	1 161	84	6	—
35 to 44 years	6 663	4 569	20	16	2 057	1 899	150	8	—
45 to 64 years	8 858	7 043	35	25	1 756	1 561	173	16	5
65 years and over	4 203	3 562	15	4	622	530	82	—	—
Other male householder	3 307	2 353	31	4	920	777	118	8	17
Under 45 years	2 057	1 396	19	3	639	537	85	6	11
45 to 64 years	886	658	3	1	224	192	24	2	7
65 years and over	364	298	9	—	57	48	9	—	—
Other female householder	5 468	4 058	73	15	1 322	1 106	207	3	5
Under 45 years	3 141	2 149	48	6	938	812	123	3	—
45 to 64 years	1 478	1 169	21	5	283	215	63	—	5
65 years and over	849	740	4	4	101	79	22	—	—
1-person households	9 034	6 829	143	11	2 051	1 650	365	27	10
Male householder	3 595	2 656	66	4	869	696	147	17	9
Under 45 years	1 884	1 282	45	1	558	474	66	12	4
45 to 64 years	925	693	16	1	216	155	50	5	6
65 years and over	786	682	5	2	97	66	31	—	—
Female householder	5 439	4 173	77	7	1 183	954	218	10	1
Under 45 years	1 274	811	19	2	442	417	20	5	—
45 to 64 years	1 250	962	28	—	260	197	63	—	—
65 years and over	2 915	2 399	31	4	481	340	135	5	1
Adults and Single Children Under 18 Years Old									
Total households with children	18 568	11 445	101	46	4 875	4 416	529	29	—
Married couples	12 507	8 568	61	36	3 842	3 483	324	25	—
One child under 6 only	2 016	1 304	24	7	682	634	48	—	—
One under 6, one or more 6 to 17	2 132	1 350	9	7	788	715	47	4	—
Two or more under 6 only	1 283	803	11	3	468	419	48	—	—
Two or more under 6, one or more 6 to 17	639	433	2	1	203	177	20	5	—
One or more 6 to 17 only	6 437	4 679	15	18	1 725	1 549	181	18	—
Other households with two or more adults	1 969	1 440	8	8	510	403	103	4	—
One child under 6 only	384	258	—	2	124	85	26	2	—
One under 6, one or more 6 to 17	236	183	—	—	51	42	8	—	—
Two or more under 6 only	192	119	5	—	68	60	8	—	—
Two or more under 6, one or more 6 to 17	113	78	—	2	34	20	14	—	—
One or more 6 to 17 only	1 043	802	3	4	234	188	46	2	—
Households with one adult or none	2 090	1 437	29	2	623	520	102	—	—
One child under 6 only	301	197	6	1	97	86	12	—	—
One under 6, one or more 6 to 17	299	210	8	—	80	71	9	—	—
Two or more under 6 only	114	81	—	—	33	23	10	—	—
Two or more under 6, one or more 6 to 17	82	53	—	1	28	12	17	—	—
One or more 6 to 17 only	1 292	894	14	1	384	328	56	—	—
Total households with no children	26 942	20 613	262	43	6 023	5 157	785	44	38
Married couples	13 384	10 395	54	24	2 911	2 595	300	11	5
Other households with two or more adults	4 521	3 388	65	8	1 061	912	120	6	23
Households with one adult	9 036	6 831	143	11	2 051	1 650	365	27	10

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Own Never Married Children Under 18 Years Old									
No own children under 18 years	28 243	21 652	264	50	6 278	5 350	845	46	38
With own children under 18 years	15 285	10 407	99	39	4 720	4 224	489	27	-
Under 6 years only	3 819	2 384	45	11	1 369	1 232	136	-	-
1	2 324	1 472	30	8	814	750	63	-	-
2	1 279	786	11	2	479	420	59	-	-
3 or more	216	136	4	1	75	62	14	-	-
6 to 17 years only	8 334	6 007	34	17	2 276	2 012	247	18	-
1	3 907	2 834	19	9	1 045	896	141	5	-
2	3 222	2 272	13	3	934	834	90	10	-
3 or more	1 206	900	2	5	298	280	16	2	-
Both age groups	3 112	2 006	20	11	1 075	980	86	9	-
2	1 512	936	12	5	560	529	31	-	-
3 or more	1 599	1 070	8	6	515	451	55	9	-
Persons Other Than Spouse or Children¹									
With other relatives	10 402	8 298	50	37	2 017	1 750	246	16	5
Single adult offspring 18 to 29	6 168	5 006	24	22	1 116	993	103	14	5
Single adult offspring 30 years of age or over	1 531	1 352	5	10	164	107	57	1	-
Households with three generations	1 037	835	-	6	197	150	42	5	-
Households with 1 subfamily	964	768	-	6	190	148	43	-	-
Subfamily householder age under 30	490	379	-	2	109	81	28	-	-
30 to 64	423	364	-	2	56	42	14	-	-
65 and over	52	25	-	1	26	2	-	-	-
Households with 2 or more subfamilies	26	22	-	-	4	2	-	-	-
Households with other types of relatives	3 319	2 473	24	10	813	697	108	7	-
With non-relatives	2 733	1 891	41	7	783	667	97	7	23
Co-owners or co-renters	1 242	834	28	1	379	320	29	7	23
Lodgers	370	269	2	1	96	84	4	-	-
Unrelated children, under 18 years old	354	257	2	3	92	58	32	2	-
Other non-relatives	1 107	765	11	5	326	263	64	-	-
One or more secondary families	253	173	2	3	75	45	28	2	-
2-person households, none related to each other	1 489	992	30	-	466	396	43	4	23
3-8 person households, none related to each other	254	196	2	-	55	53	2	-	-
Years of School Completed by Householder									
No school years completed	101	77	-	1	22	15	8	-	-
Elementary:									
less than 8 years	1 495	1 247	11	4	234	111	116	6	1
8 years	1 561	1 242	14	4	301	182	118	1	-
High School:									
1 to 3 years	4 051	3 124	42	8	875	588	265	9	13
4 years	15 651	11 662	169	33	3 787	3 187	558	27	15
College:									
1 to 3 years	8 854	6 443	62	20	2 330	2 139	177	8	6
4 years or more	11 795	8 262	64	19	3 449	3 351	71	23	4
Median	12.9	12.9	12.7	12.8	13.4	14.1	12.3	12.8	...
Year Householder Moved Into Unit									
1990 to 1994	10 533	6 323	79	9	4 121	3 733	359	26	3
1985 to 1989	13 164	8 057	82	23	5 002	4 488	473	33	8
1980 to 1984	5 054	3 502	21	11	1 520	1 286	218	14	2
1975 to 1979	4 518	4 316	26	9	165	44	122	-	-
1970 to 1974	3 084	2 911	23	9	121	7	94	-	-
1960 to 1969	3 757	3 679	21	8	50	13	32	-	5
1950 to 1959	2 378	2 278	78	8	14	-	14	-	-
1940 to 1949	736	688	31	11	5	3	2	-	-
1939 or earlier	305	304	2	-	-	-	-	-	-
Median	1982	1978	1972	1977	1986	1986	1985	1986	...
Household Moves and Formation in Last Year									
Total with a move in last year	8 536	5 303	103	13	3 117	2 794	290	22	11
Household all moved here from one unit	5 699	3 324	68	8	2 300	2 076	206	18	-
Householder of previous unit did not move here	1 111	725	28	1	357	309	41	6	-
Householder of previous unit moved here	4 351	2 462	38	5	1 846	1 682	153	11	-
Householder of previous unit not reported	237	137	2	-	98	86	12	-	-
Household moved here from two or more units	1 049	659	18	1	373	354	8	5	5
No previous householder moved here	260	178	6	1	75	72	2	-	-
1 previous householder moved here	166	109	5	-	52	45	2	2	5
2 or more previous householders moved here	518	301	6	-	211	202	6	3	-
Previous householder(s) not reported	105	70	-	-	35	35	-	-	-
Some already here, rest moved in	1 779	1 313	18	6	443	362	75	-	5
No previous householder moved here	594	433	9	4	148	107	38	-	-
1 or more previous householders moved here	850	641	9	-	211	186	25	-	-
Previous householder(s) not reported	325	240	-	1	84	70	14	-	-
Number of previous units not reported	9	8	-	-	2	2	-	-	-

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	43 508	32 059	363	89	10 998	9 574	1 313	73	38
Household Income									
Less than \$5,000	1 636	1 226	17	6	387	236	145	6	-
\$5,000 to \$9,999	3 113	2 444	35	4	630	399	219	6	6
\$10,000 to \$14,999	3 298	2 509	44	3	742	525	208	9	1
\$15,000 to \$19,999	3 175	2 493	35	5	643	490	147	5	2
\$20,000 to \$24,999	3 353	2 449	41	9	854	647	207	-	-
\$25,000 to \$29,999	4 008	3 052	44	10	902	785	94	9	14
\$30,000 to \$34,999	3 097	2 301	27	8	762	667	92	2	-
\$35,000 to \$39,999	2 676	1 983	25	6	662	594	59	9	1
\$40,000 to \$49,999	4 928	3 556	36	2	1 332	1 237	78	9	9
\$50,000 to \$59,999	3 840	2 784	19	10	1 027	994	32	1	-
\$60,000 to \$79,999	4 928	3 455	18	14	1 441	1 412	18	5	5
\$80,000 to \$99,999	2 385	1 712	7	5	662	657	4	-	-
\$100,000 to \$119,999	1 180	811	2	4	364	353	5	6	-
\$120,000 or more	1 892	1 284	13	4	590	579	5	6	-
Median	35 138	34 034	26 153	35 052	39 374	43 598	17 679	34 610	-
As percent of poverty level:									
Less than 50 percent	1 476	1 099	12	8	357	230	121	6	-
50 to 99	2 405	1 813	29	2	561	333	219	7	2
100 to 149	3 606	2 696	44	3	862	612	237	9	4
150 to 199	3 749	2 894	35	11	808	615	187	5	1
200 percent or more	32 272	23 557	242	63	8 410	7 782	549	47	31
Income of Families and Primary Individuals									
Less than \$5,000	1 827	1 360	19	6	442	263	168	6	5
\$5,000 to \$9,999	3 284	2 564	42	5	674	426	224	8	17
\$10,000 to \$14,999	3 427	2 603	49	3	771	567	196	7	1
\$15,000 to \$19,999	3 266	2 559	34	4	689	536	146	6	2
\$20,000 to \$24,999	3 495	2 541	41	4	804	699	204	1	-
\$25,000 to \$29,999	4 127	3 121	38	10	959	842	99	7	10
\$30,000 to \$34,999	3 097	2 297	29	9	761	668	91	2	-
\$35,000 to \$39,999	2 602	1 955	23	4	620	561	50	9	-
\$40,000 to \$49,999	4 766	3 457	31	2	1 277	1 190	76	8	3
\$50,000 to \$59,999	3 653	2 651	20	10	972	940	32	1	-
\$60,000 to \$79,999	4 659	3 275	18	14	1 352	1 329	15	8	-
\$80,000 to \$99,999	2 276	1 628	4	6	640	635	4	-	-
\$100,000 to \$119,999	1 146	789	2	3	352	343	5	4	-
\$120,000 or more	1 864	1 261	13	4	586	575	5	6	-
Median	33 727	32 788	24 570	34 376	37 412	41 686	17 384	32 441	-
Income Sources of Families and Primary Individuals									
Wages and salaries	34 042	24 426	288	76	9 252	8 248	930	64	10
Wages and salaries were majority of income 2 or more people each earned over 20% of wages and salaries	30 622	21 751	258	73	8 541	7 645	833	52	10
Business, farm, or ranch	12 588	9 012	62	38	3 476	3 211	247	19	-
Social security or pensions	4 995	3 591	44	20	1 340	1 198	121	21	-
Interest or dividend(s)	12 725	10 448	100	23	2 154	1 699	415	18	22
Rental income	11 525	8 996	50	25	2 453	2 278	163	16	3
With lodger(s)	3 590	2 735	68	13	774	735	29	10	-
With lodger(s)	370	269	2	1	98	94	4	-	-
Welfare or SSI	1 868	1 410	26	4	428	242	157	11	28
Alimony or child support	1 828	1 279	20	4	525	453	61	11	-
Other	4 248	3 183	38	5	1 023	844	171	8	-
Amount of Savings and Investments									
Income of \$25,000 or less	16 224	12 347	193	27	3 657	2 643	950	30	35
No savings or investments	8 878	4 968	102	8	1 787	1 149	603	20	25
\$25,000 or less	5 553	4 378	68	12	1 097	836	250	9	3
More than \$25,000	1 834	1 542	10	3	279	234	40	1	4
Not reported	1 961	1 461	12	4	484	423	58	-	3
Food Stamps									
Income of \$25,000 or less	16 224	12 347	193	27	3 657	2 643	950	30	35
Family members received food stamps	1 727	1 279	31	4	413	242	166	5	-
Did not receive food stamps	13 218	10 178	154	20	2 868	2 060	752	25	31
Not reported	1 279	892	8	3	376	340	32	-	3
Rent Reductions									
No subsidy or income reporting	11 058	8 027	235	29	2 767	2 397	317	46	7
Rent control	219	192	4	-	22	18	4	-	-
No rent control	10 825	7 828	230	29	2 740	2 374	313	46	7
Reduced by owner	718	564	34	5	115	76	18	19	2
Not reduced by owner	10 044	7 266	193	24	2 621	2 294	295	27	5
Owner reduction not reported	64	56	4	-	5	5	-	-	-
Rent control not reported	14	9	-	-	4	4	-	-	-
Owned by public housing authority	427	318	-	-	109	104	5	-	-
Other, Federal subsidy	518	367	5	1	124	118	6	-	1
Other, State or local subsidy	180	134	4	1	40	13	2	-	25
Other, income verification	125	97	2	-	26	26	-	-	-
Subsidy or income verification not reported	148	117	-	-	31	28	5	-	-

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	43 508	32 059	363	69	10 998	9 574	1 313	73	38
Monthly Housing Costs									
Less than \$100	570	376	4	2	188	91	95	2	-
\$100 to \$199	3 675	2 963	13	1	698	381	308	8	1
\$200 to \$249	2 207	1 784	21	-	402	279	115	6	2
\$250 to \$299	2 329	1 896	23	5	405	270	129	7	-
\$300 to \$349	2 273	1 810	27	4	432	264	165	4	-
\$350 to \$399	2 158	1 707	18	6	427	270	153	1	4
\$400 to \$449	2 222	1 754	23	4	441	365	72	3	-
\$450 to \$499	2 244	1 739	17	3	485	418	63	4	-
\$500 to \$599	4 066	3 067	38	8	952	862	73	13	4
\$600 to \$699	3 625	2 680	40	13	892	847	23	-	21
\$700 to \$799	2 850	2 084	14	10	742	733	7	1	-
\$800 to \$999	4 157	2 953	32	8	1 163	1 144	18	1	-
\$1,000 to \$1,249	2 873	1 823	21	7	1 022	1 002	13	4	4
\$1,250 to \$1,499	1 703	1 074	20	3	605	602	3	-	-
\$1,500 or more	2 859	1 689	7	7	1 156	1 146	9	-	-
No cash rent	838	652	26	1	159	101	45	10	2
Mortgage payment not reported	2 860	2 007	17	6	829	797	24	8	-
Median (excludes no cash rent)	555	522	534	652	684	740	291	381	...
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	595	547	690	-	782	892	245	-	-
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	304	258	328	-	505	601	100-	-	-
Monthly Housing Costs as Percent of Current Income									
Less than 5 percent	1 182	917	5	2	257	188	66	2	-
5 to 9 percent	4 393	3 550	25	8	811	607	184	20	-
10 to 14 percent	5 819	4 585	37	17	1 200	1 003	185	12	-
15 to 19 percent	6 422	4 829	28	8	1 559	1 372	170	7	9
20 to 24 percent	5 487	3 851	39	10	1 587	1 458	128	1	-
25 to 29 percent	4 452	3 058	47	9	1 339	1 246	92	1	1
30 to 34 percent	3 040	2 091	28	3	918	833	76	4	5
35 to 39 percent	1 989	1 446	35	5	503	438	63	2	-
40 to 49 percent	2 312	1 619	28	8	657	578	81	-	-
50 to 59 percent	1 231	920	16	1	294	260	35	-	-
60 to 69 percent	774	578	14	-	182	162	20	-	-
70 to 99 percent	1 048	753	4	6	283	231	41	-	11
100 percent or more ¹	1 286	938	13	6	329	246	68	6	9
Zero or negative income	379	288	2	1	89	55	34	-	-
No cash rent	838	652	26	1	159	101	45	10	2
Mortgage payment not reported	2 860	2 007	17	6	829	797	24	8	-
Median (excludes 3 previous lines)	22	21	28	23	24	24	20	12	...
Median (excludes 4 lines before medians)	21	20	27	22	23	23	19	11	...
Rent Paid by Lodgers									
Lodgers in housing units	370	269	2	1	98	94	4	-	-
Less than \$100 per month	8	8	-	-	-	-	-	-	-
\$100 to \$199	48	40	-	-	8	4	4	-	-
\$200 to \$299	115	81	-	1	33	33	-	-	-
\$300 to \$399	71	42	-	-	28	28	-	-	-
\$400 or more per month	72	52	2	-	18	18	-	-	-
Not reported	57	46	-	-	11	11	-	-	-
Median	288	279	-	-	308	316	-	-	-
Monthly Cost Paid for Electricity									
Electricity used	43 496	32 049	363	89	10 995	9 571	1 313	73	38
Less than \$25	3 877	3 129	27	4	716	624	88	4	-
\$25 to \$49	11 522	8 881	86	20	2 534	2 209	312	7	6
\$50 to \$74	10 394	7 553	70	22	2 752	2 404	330	15	3
\$75 to \$99	8 302	4 425	23	15	1 839	1 589	243	6	-
\$100 to \$149	5 114	3 387	24	8	1 685	1 539	141	5	-
\$150 to \$199	1 426	1 003	7	2	414	383	28	4	-
\$200 or more	688	444	4	1	212	239	21	6	-
Median	60	58	63	63	67	67	71	...	...
Included in rent, other fee, or obtained free	4 172	3 217	122	17	816	611	150	26	29
Monthly Cost Paid for Piped Gas									
Piped gas used	26 434	21 074	203	61	5 096	4 555	478	40	24
Less than \$25	6 052	4 502	35	12	1 503	1 297	193	11	2
\$25 to \$49	8 759	6 870	47	11	1 830	1 668	159	3	-
\$50 to \$74	4 689	3 903	20	9	757	721	35	1	-
\$75 to \$99	1 663	1 423	11	2	227	208	15	4	-
\$100 to \$149	690	587	-	6	97	88	4	5	-
\$150 to \$199	141	119	4	1	17	17	-	-	-
\$200 or more	129	94	2	1	32	28	4	-	-
Median	39	40	38	45	35	36	27	...	...
Included in rent, other fee, or obtained free	4 312	3 576	64	19	633	528	67	18	22

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
Average Monthly Cost Paid for Fuel Oil										
Fuel oil used	6 382	5 649	106	28	598	471	117	11	-	-
Less than \$25	528	430	4	-	94	57	36	2	-	-
\$25 to \$49	1 304	1 118	23	1	162	125	37	-	-	-
\$50 to \$74	1 485	1 352	9	5	119	101	15	3	-	-
\$75 to \$99	921	834	12	7	67	56	11	-	-	-
\$100 to \$149	861	776	11	8	66	64	2	-	-	-
\$150 to \$199	217	208	-	2	7	7	-	-	-	-
\$200 or more	161	147	4	-	10	10	-	-	-	-
Median	65	66	62	-	51	57	35	-	-	-
Included in rent, other fee, or obtained free	905	784	44	4	73	52	15	7	-	-
Property Insurance										
Property insurance paid	33 650	24 999	165	67	8 420	7 620	755	35	9	-
Median per month	28	28	28	38	28	29	21	-	-	-
Monthly Costs Paid for Selected Utilities and Fuels										
Water paid separately	24 684	19 111	134	58	5 381	4 946	402	26	7	-
Median	22	21	22	-	24	24	17	-	-	-
Trash paid separately	18 355	13 863	78	32	4 384	3 886	379	14	5	-
Median	14	14	17	-	14	15	10	-	-	-
Bottled gas paid separately	2 708	1 704	24	10	970	577	384	4	5	-
Median	41	40	-	-	43	45	40	-	-	-
Other fuel paid separately	5 741	3 984	17	13	1 726	1 483	231	10	2	-
Median	10-	10-	-	-	10-	10-	13	-	-	-
OWNER OCCUPIED UNITS										
Total	31 052	22 978	116	58	7 900	6 889	979	27	5	-
Cost and Ownership Sharing										
Ownership shared by person not living here	996	782	17	4	213	187	26	-	-	-
Costs shared by person not living here	238	173	2	2	81	53	8	-	-	-
Costs not shared	754	585	14	2	152	134	18	-	-	-
Cost sharing not reported	4	4	-	-	-	-	-	-	-	-
Ownership not shared	29 663	21 843	95	54	7 571	6 598	942	26	5	-
Costs shared by person not living here	108	74	2	-	31	25	7	-	-	-
Costs not shared	29 471	21 800	93	54	7 524	6 557	936	26	5	-
Cost sharing not reported	85	68	-	-	16	16	-	-	-	-
Ownership sharing not reported	393	273	5	-	118	104	11	1	-	-
Monthly Payment for Principal and Interest										
Less than \$100	361	337	-	-	24	12	12	-	-	-
\$100 to \$199	1 405	1 204	-	1	200	148	53	-	-	-
\$200 to \$249	987	764	-	1	222	179	41	-	2	-
\$250 to \$299	990	788	4	3	196	145	51	-	-	-
\$300 to \$349	1 023	789	6	2	227	187	39	-	-	-
\$350 to \$399	913	731	-	3	179	167	9	-	3	-
\$400 to \$449	925	721	5	5	195	187	8	-	-	-
\$450 to \$499	888	665	2	4	217	213	4	-	-	-
\$500 to \$599	1 871	1 306	4	1	560	553	7	-	-	-
\$600 to \$699	1 518	1 052	6	4	457	450	3	4	-	-
\$700 to \$799	1 237	743	2	1	491	491	-	-	-	-
\$800 to \$999	1 748	1 056	17	4	672	668	4	-	-	-
\$1,000 to \$1,249	1 362	842	2	7	511	511	-	-	-	-
\$1,250 to \$1,499	661	360	6	1	294	294	-	-	-	-
\$1,500 or more	1 148	625	-	2	522	512	9	-	-	-
Not reported	2 860	2 007	17	6	829	797	24	8	-	-
Median	555	499	753	-	701	724	264	-	-	-
Average Monthly Cost Paid for Real Estate Taxes										
Less than \$25	4 452	2 709	7	5	1 731	988	740	-	2	-
\$25 to \$49	4 239	3 282	13	9	935	805	119	11	-	-
\$50 to \$74	4 065	3 196	10	1	858	808	50	-	-	-
\$75 to \$99	3 319	2 526	19	7	767	745	22	-	-	-
\$100 to \$149	5 503	4 201	18	8	1 278	1 239	30	6	3	-
\$150 to \$199	3 597	2 816	15	7	758	745	13	-	-	-
\$200 or more	5 878	4 248	37	20	1 573	1 559	5	9	-	-
Median	96	96	129	-	89	104	25-	-	-	-
Annual Taxes Paid Per \$1,000 Value										
Less than \$5	4 711	3 414	16	5	1 276	925	336	15	-	-
\$5 to \$9	8 279	5 978	15	15	2 274	2 114	157	2	-	-
\$10 to \$14	7 644	5 641	14	10	1 978	1 864	100	9	5	-
\$15 to \$19	4 056	3 096	10	9	931	875	57	-	-	-
\$20 to \$24	2 655	2 031	8	7	610	553	57	-	-	-
\$25 or more	3 706	2 819	44	11	831	557	273	-	-	-
Median	12	12	18	-	11	11	10	-	-	-
Routine Maintenance in Last Year										
Less than \$25 per month	19 502	13 927	54	29	5 492	4 699	788	20	5	-
\$25 to \$49	5 455	4 266	23	14	1 151	1 034	118	-	-	-
\$50 to \$74	1 177	904	9	2	282	224	38	-	-	-
\$75 to \$99	1 485	1 182	9	2	291	269	15	6	-	-
\$100 to \$149	702	539	5	1	157	141	16	-	-	-
\$150 to \$199	670	544	2	8	116	113	3	-	-	-
\$200 or more per month	885	687	10	1	187	187	-	-	-	-
Not reported	1 196	949	5	1	242	221	20	1	-	-
Median	25-	25-	27	-	25-	25-	25-	-	-	-

**SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980
AND SAME UNITS**
Table 6-11. Selected Housing Costs—Suburbs—Occupied Units—Con.

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New con- struction	Other sources		
							House or mobile home moved in	From nonres- idential use	Other
OWNER OCCUPIED UNITS—Con.									
Condominium and Cooperative Fee									
Fee paid by owners	1 519	893	-	2	624	624	-	-	-
Less than \$25 per month	22	12	-	-	10	10	-	-	-
\$25 to \$49	53	39	-	-	14	14	-	-	-
\$50 to \$74	111	42	-	-	69	69	-	-	-
\$75 to \$99	243	114	-	-	130	130	-	-	-
\$100 to \$149	496	263	-	-	233	233	-	-	-
\$150 to \$199	247	178	-	-	72	72	-	-	-
\$200 or more per month	276	212	-	-	64	64	-	-	-
Not reported	71	35	-	2	33	33	-	-	-
Median	130	142	...	...	116	116	...	...	...
Other Housing Costs Per Month									
Homeowner association fee paid	1 358	785	-	-	574	574	-	-	-
Median	128	139	...	...	116	116	...	...	...
Mobile home park fee paid	136	59	-	-	76	33	43	-	-
Median	45	45	...	...	45	...	...	...	...
Land rent fee paid	37	34	2	-	2	2	-	-	-
Median .....	...	...	...	...	...	...	...	...	...

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	31 052	22 978	116	58	7 900	6 889	979	27	5
Value									
Less than \$10,000	1 038	394	--	--	643	176	465	--	2
\$10,000 to \$19,999	1 072	448	3	--	620	392	229	--	--
\$20,000 to \$29,999	896	538	6	2	350	236	115	--	--
\$30,000 to \$39,999	1 103	901	6	3	192	143	49	--	--
\$40,000 to \$49,999	1 412	1 229	18	3	162	143	19	--	--
\$50,000 to \$59,999	1 709	1 423	7	4	275	243	29	3	--
\$60,000 to \$69,999	2 286	1 892	12	3	379	345	34	--	--
\$70,000 to \$79,999	2 211	1 804	2	3	402	388	13	--	--
\$80,000 to \$99,999	4 200	3 266	7	5	912	895	8	8	--
\$100,000 to \$119,999	2 617	1 961	10	2	645	642	2	--	--
\$120,000 to \$149,999	3 267	2 328	7	7	925	916	6	--	3
\$150,000 to \$199,999	3 929	2 990	16	11	913	910	2	1	--
\$200,000 to \$249,999	2 021	1 489	6	8	518	518	--	--	--
\$250,000 to \$299,999	1 122	817	5	2	298	298	--	--	--
\$300,000 or more	2 168	1 498	2	4	664	643	6	15	--
Median	98 090	97 508	84 493	--	100 424	115 041	11 062	--	--
Value-Income Ratio									
Less than 1.5	7 834	5 340	30	20	2 444	1 716	726	--	2
1.5 to 1.9	4 093	3 047	24	2	1 021	961	60	--	--
2.0 to 2.4	3 983	2 807	3	11	1 162	1 110	43	8	--
2.5 to 2.9	2 905	2 049	8	4	844	816	24	4	--
3.0 to 3.9	3 692	2 807	10	5	869	848	18	--	3
4.0 to 4.9	2 238	1 729	10	4	492	470	17	5	--
5.0 or more	6 040	5 006	32	11	991	917	65	9	--
Zero or negative income	269	192	--	1	77	50	26	--	--
Median	2.4	2.5	2.6	--	2.2	2.3	1.5	--	--
Other Activities on Property¹									
Commercial establishment	361	279	--	1	81	62	19	--	--
Medical or dental office	54	41	--	--	13	13	--	--	--
Neither	30 658	22 672	116	57	7 813	6 820	961	27	5
Year Unit Acquired									
1990 to 1994	3 865	1 919	4	2	1 940	1 793	146	--	2
1985 to 1989	9 015	4 859	15	13	4 128	3 769	347	9	3
1980 to 1984	4 068	2 535	4	8	1 421	1 228	193	--	--
1975 to 1979	4 273	4 091	22	6	154	--	137	18	--
1970 to 1974	2 685	2 558	10	8	108	--	108	--	--
1960 to 1969	3 607	3 556	14	4	32	--	32	--	--
1950 to 1959	2 236	2 200	26	8	2	--	2	--	--
1940 to 1949	610	586	15	9	--	--	--	--	--
1939 or earlier	157	156	2	--	--	--	--	--	--
Not reported	537	418	5	--	114	99	14	1	--
Median	1980	1977	1968	--	1986	1986	1983	--	--
First Time Owners									
First home ever owned	12 722	10 220	41	27	2 435	2 046	386	2	--
Not first home	17 539	12 202	71	31	5 235	4 635	575	20	5
Not reported	792	556	5	--	231	208	18	4	--
Purchase Price									
Home purchased or built	29 996	22 072	100	55	7 768	6 781	955	26	5
Less than \$10,000	2 195	1 658	6	1	530	93	435	--	2
\$10,000 to \$19,999	4 081	3 439	12	2	628	354	274	--	--
\$20,000 to \$29,999	3 049	2 632	17	7	393	330	63	--	--
\$30,000 to \$39,999	2 452	2 150	13	5	284	242	40	2	--
\$40,000 to \$49,999	2 059	1 783	5	6	265	243	22	--	--
\$50,000 to \$59,999	1 864	1 511	8	8	338	321	17	--	--
\$60,000 to \$69,999	1 912	1 367	5	2	537	537	--	--	--
\$70,000 to \$79,999	1 600	1 105	--	4	493	483	2	8	--
\$80,000 to \$99,999	2 396	1 455	2	5	934	928	2	--	3
\$100,000 to \$119,999	1 313	742	6	2	563	563	--	--	--
\$120,000 to \$149,999	1 578	879	6	2	691	688	3	--	--
\$150,000 to \$199,999	1 425	708	5	3	709	705	--	4	--
\$200,000 to \$249,999	659	294	7	3	357	356	--	--	--
\$250,000 to \$299,999	344	177	--	1	166	166	--	--	--
\$300,000 or more	595	266	--	1	327	315	6	6	--
Not reported	2 478	1 907	8	7	554	458	90	5	--
Median	49 635	41 147	38 618	--	82 984	92 056	10000	--	--
Received as inheritance or gift	522	490	11	3	18	8	10	--	--
Not reported	534	418	5	--	114	99	14	1	--
Major Source of Down Payment									
Home purchased or built	29 996	22 072	100	55	7 768	6 781	955	26	5
Sale of previous home	10 352	7 251	30	18	3 056	2 826	215	12	3
Savings or cash on hand	14 136	10 857	48	28	3 203	2 774	418	8	2
Sale of other investment	239	172	--	--	87	67	--	--	--
Borrowing, other than mortgage on this property	799	636	5	5	153	104	50	--	--
Inheritance or gift	674	492	--	2	97	97	--	--	--
Land where building built used for financing	229	131	1	1	180	162	18	--	--
Other	1 067	787	5	--	275	205	69	--	--
No down payment	1 843	1 292	8	4	538	363	173	2	--
Not reported	656	454	3	--	199	183	12	4	--

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	31 052	22 978	116	58	7 900	6 889	979	27	5
Mortgages Currently on Property									
None, owned free and clear	11 155	8 867	47	16	2 106	1 376	715	15	-
With mortgage or land contract	19 897	13 991	70	42	5 794	5 513	264	12	5
One mortgage or land contract	18 501	11 356	48	34	5 064	4 806	243	9	5
Two mortgages	2 948	2 336	20	7	585	569	14	2	-
Three or more mortgages	50	40	-	1	10	-	-	-	-
Number of mortgages not reported	397	259	2	-	135	128	7	1	-
OWNERS WITH ONE OR MORE MORTGAGES									
Total	19 897	13 991	70	42	5 794	5 513	264	12	5
Type of Primary Mortgage									
FHA	2 885	1 990	2	4	890	881	8	-	-
VA	1 450	1 102	4	3	341	337	4	-	-
Farmers Home Administration	152	104	-	-	48	46	2	-	-
Other types	14 425	10 102	57	34	4 231	3 964	231	12	5
Don't know	394	302	-	1	91	83	8	-	-
Not reported	590	390	6	-	184	182	11	1	-
Lower Cost State and Local Mortgages									
State or local program used	1 433	1 008	2	2	420	401	19	-	-
Not used	17 909	12 624	65	39	5 181	4 930	234	12	5
Not reported	555	359	2	1	183	181	12	1	-
Mortgage Origination									
Placed new mortgage(s)	15 943	10 885	48	34	4 977	4 748	214	12	5
Primary obtained when property acquired	13 079	8 564	34	29	4 452	4 281	155	12	5
Obtained later	2 796	2 278	14	5	499	443	56	-	-
Date not reported	68	43	-	-	25	21	4	-	-
Assumed	880	661	-	-	219	187	32	-	-
Wrap-around	15	9	-	-	6	4	2	-	-
Combination of the above	2 520	2 052	18	8	442	436	6	-	-
Origin not reported	539	384	4	-	151	141	9	1	-
Payment Plan of Primary Mortgage									
Fixed payment, self amortizing	15 523	11 124	53	36	4 311	4 110	184	12	5
Adjustable rate mortgage	1 708	1 069	6	6	628	610	18	-	-
Adjustable term mortgage	33	23	-	-	9	9	-	-	-
Graduated payment mortgage	278	148	-	-	129	128	-	-	-
Balloon	123	57	2	-	63	49	14	-	-
Other	215	148	-	-	67	67	-	-	-
Combination of the above	170	104	-	-	66	66	-	-	-
Not reported	1 848	1 317	8	1	521	473	48	1	-
Payment Plan of Secondary Mortgage									
Units with two or more mortgages	2 999	2 376	20	8	595	579	14	2	-
Fixed payment, self amortizing	1 557	1 218	5	4	330	324	4	2	-
Adjustable rate mortgage	320	202	2	-	56	50	6	-	-
Adjustable term mortgage	40	27	-	-	14	14	-	-	-
Graduated payment mortgage	5	5	-	-	-	-	-	-	-
Balloon	42	33	-	-	9	7	2	-	-
Other	24	19	-	-	5	5	-	-	-
Combination of the above	166	134	2	1	28	28	-	-	-
Not reported	845	679	11	3	152	150	2	-	-
Lenders of Primary and Secondary Mortgages									
Only borrowed from firm(s)	17 622	12 271	53	36	5 261	5 047	199	12	3
Only borrowed from seller	408	310	4	3	90	54	36	-	-
Only borrowed from other individual(s)	171	121	-	-	50	40	8	-	2
Borrowed from a firm and seller	96	86	-	-	11	9	2	-	-
Borrowed from a firm and other individual	84	56	-	-	27	27	-	-	-
Borrowed from seller and other individual	3	3	-	-	-	-	-	-	-
One or both sources not reported	1 513	1 144	12	2	355	335	19	1	-
Items Included in Primary Mortgage Payment¹									
Principal and interest only	6 426	4 420	14	11	1 980	1 771	198	8	2
Property taxes	12 021	8 610	42	30	3 340	3 305	31	4	-
Property insurance	9 717	6 752	27	15	2 924	2 864	36	4	-
Other	904	634	-	3	267	267	-	-	-
Not reported	902	639	12	1	251	234	14	1	3
Year Primary Mortgage Originated									
1990 to 1994	4 070	2 298	8	2	1 762	1 678	62	-	2
1985 to 1989	8 338	5 064	23	17	3 234	3 097	131	2	3
1980 to 1984	2 094	1 505	2	5	582	559	23	-	-
1975 to 1979	2 624	2 587	12	6	19	-	10	9	-
1970 to 1974	1 278	1 263	9	4	2	-	2	-	-
1960 to 1969	788	788	-	-	1	-	1	-	-
1950 to 1959	57	41	14	2	-	-	-	-	-
1949 or earlier	8	2	-	6	-	-	-	-	-
Not reported	640	444	2	-	194	179	14	1	-
Median	1985	1983	1978	-	1987	1987	1986	-	-

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—					
			Conversion	Merger	Total	New construction	House or mobile home moved in	From nonresidential use	Other	
OWNERS WITH ONE OR MORE MORTGAGES—Con.										
Term of Primary Mortgage at Origination or Assumption										
Less than 8 years	369	169	-	1	199	140	58	-	-	2
8 to 12 years	463	238	-	1	228	174	50	2	-	-
13 to 17 years	1 661	896	4	3	759	703	53	4	-	-
18 to 22 years	1 035	798	10	3	224	214	10	-	-	-
23 to 27 years	1 343	1 158	5	2	178	178	-	-	-	-
28 to 32 years	10 462	7 128	31	25	3 279	3 279	17	5	3	3
33 years or more	199	146	-	-	54	54	-	-	-	-
Variable	217	178	-	-	39	39	-	-	-	-
Not reported	4 147	3 284	20	8	836	759	76	1	-	-
Median	29	29	29	...	29	29	12	...	...	...
Remaining Years Mortgaged										
Less than 8 years	2 293	1 798	7	3	485	348	129	6	-	2
8 to 12	2 819	2 004	10	5	600	539	61	-	-	-
13 to 17	2 733	2 249	10	9	465	437	27	-	-	-
18 to 22	1 543	1 164	-	1	378	360	13	5	-	-
23 to 27	4 033	2 414	10	11	1 599	1 589	10	-	-	-
28 to 32	3 892	2 150	5	3	1 734	1 728	3	-	-	3
33 years or more	72	46	-	-	26	26	-	-	-	-
Variable	590	483	-	2	105	105	-	-	-	-
Not reported	2 121	1 682	27	9	403	380	22	1	-	-
Median	21	18	15	...	25	26	6-	...	...	...
Current Interest Rate										
Less than 6 percent	508	415	2	-	91	90	1	-	-	-
6 to 7.9	1 025	933	-	1	91	91	-	-	-	-
8 to 9.9	5 156	3 384	13	10	1 750	1 738	8	4	-	-
10 to 11.9	3 573	2 203	14	12	1 344	1 300	36	3	-	5
12 to 13.9	414	236	2	1	174	163	11	-	-	-
14 to 15.9	87	24	-	-	63	47	16	-	-	-
16 to 17.9	35	16	-	-	19	12	6	-	-	-
18 to 19.9	28	7	-	-	21	16	6	-	-	-
20 percent or more	-	-	-	-	-	-	-	-	-	-
Not reported	9 071	6 772	40	17	2 241	2 056	180	6	-	-
Median	9.0	8.6	9.6	...	9.3	9.3	11.3	...	...	...
Total Outstanding Principal Amount										
Less than \$10,000	1 027	888	14	8	117	96	16	2	-	2
\$10,000 to \$19,999	1 182	919	2	1	240	191	45	4	-	-
\$20,000 to \$29,999	1 034	894	2	3	135	130	5	-	-	-
\$30,000 to \$39,999	986	772	-	1	212	203	9	-	-	-
\$40,000 to \$49,999	998	706	4	2	285	280	2	-	-	3
\$50,000 to \$59,999	1 005	644	-	2	361	358	3	-	-	-
\$60,000 to \$69,999	802	473	-	2	327	327	-	-	-	-
\$70,000 to \$79,999	748	425	-	2	322	322	-	-	-	-
\$80,000 to \$99,999	1 068	499	4	2	563	561	2	-	-	-
\$100,000 to \$119,999	678	371	-	3	308	305	-	-	-	-
\$120,000 to \$149,999	607	308	2	3	295	295	-	-	-	-
\$150,000 to \$199,999	346	151	-	1	184	184	-	-	-	-
\$200,000 to \$249,999	157	72	-	-	85	85	-	-	-	-
\$250,000 to \$299,999	73	33	-	-	39	39	-	-	-	-
\$300,000 or more	139	87	-	-	71	71	1	-	-	-
Not reported	9 071	6 772	40	17	2 241	2 056	180	6	-	-
Median	52 059	41 937	11 787	...	73 101	74 457	15 705	...	...	...
Current Total Loan as Percent of Value										
Less than 20 percent	2 031	1 815	17	12	187	172	9	6	-	-
20 to 39	1 701	1 333	5	3	380	348	7	-	-	-
40 to 59	2 085	1 325	-	2	758	746	12	-	-	5
60 to 79	2 740	1 563	-	4	1 173	1 155	18	-	-	-
80 to 89	1 152	601	-	3	548	548	6	-	-	-
90 to 99	682	370	-	-	311	305	5	-	-	-
100 percent or more	438	212	8	-	216	184	32	-	-	-
Not reported	9 071	6 772	40	17	2 241	2 056	180	6	-	-
Median	56.1	47.0	20-	...	68.1	68.0	78.3	...	...	...

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	31 052	22 978	118	58	7 900	6 889	979	27	5
Repairs, Improvements, Alterations in Last 2 Years									
Roof replaced (all or part)	4 848	4 331	32	18	486	329	136	-	-
Mostly done by household	1 127	974	6	9	138	62	77	-	-
Mostly done by others	3 587	3 240	27	7	313	256	57	-	-
Workers not reported	131	117	-	-	14	12	2	-	-
Costing \$500 or more	3 363	3 109	23	13	218	140	78	-	-
Costing less than \$500	923	740	6	2	175	136	38	-	-
Cost not reported	559	482	4	-	73	54	20	-	-
Roof replacement not reported	413	290	5	-	119	109	8	1	-
Additions built	1 509	1 039	10	4	456	371	86	-	-
Mostly done by household	727	458	5	3	262	189	74	-	-
Mostly done by others	734	544	5	1	183	174	9	-	-
Workers not reported	48	37	-	-	11	8	2	-	-
Costing \$500 or more	1 186	818	8	4	356	298	59	-	-
Costing less than \$500	137	82	-	-	55	44	11	-	-
Cost not reported	188	139	2	-	45	29	16	-	-
Additions not reported	367	262	6	-	99	90	8	1	-
Kitchen remodeled or added	2 732	2 395	8	9	320	227	82	11	-
Mostly done by household	1 408	1 222	3	6	178	113	53	11	-
Mostly done by others	1 291	1 147	5	3	136	112	25	-	-
Workers not reported	33	27	-	-	6	2	4	-	-
Costing \$500 or more	2 000	1 801	8	7	184	156	26	2	-
Costing less than \$500	479	365	-	-	114	66	40	9	-
Cost not reported	253	229	-	1	22	5	17	-	-
Kitchen remodeled or added not reported	352	245	5	-	103	93	8	1	-
Bathroom remodeled or added	3 166	2 794	24	10	337	258	79	-	-
Mostly done by household	1 824	1 592	13	4	214	151	62	-	-
Mostly done by others	1 295	1 157	11	6	122	105	17	-	-
Workers not reported	48	45	-	-	2	2	-	-	-
Costing \$500 or more	1 878	1 679	18	10	171	136	34	-	-
Costing less than \$500	948	800	6	-	142	102	40	-	-
Cost not reported	340	315	-	-	25	20	4	-	-
Bathroom remodeled or added not reported	375	262	5	-	108	99	8	1	-
Siding replaced or added	1 765	1 539	5	1	219	159	38	2	-
Mostly done by household	486	407	2	-	77	51	24	2	-
Mostly done by others	1 227	1 091	4	1	130	120	10	-	-
Workers not reported	52	40	-	-	12	7	5	-	-
Costing \$500 or more	1 068	982	4	1	101	90	9	2	-
Costing less than \$500	387	306	-	-	81	63	18	-	-
Cost not reported	291	251	2	-	38	26	11	-	-
Siding replaced or added not reported	404	276	5	-	123	106	17	1	-
Storm doors/windows bought and installed	4 007	3 452	20	10	524	421	103	-	-
Mostly done by household	1 758	1 454	8	4	292	228	64	-	-
Mostly done by others	2 154	1 922	13	5	214	176	38	-	-
Workers not reported	95	76	-	1	18	17	2	-	-
Costing \$500 or more	1 696	1 558	9	5	126	108	19	-	-
Costing less than \$500	1 857	1 499	12	4	341	278	63	-	-
Cost not reported	454	397	-	1	57	35	22	-	-
Storm doors/windows bought and installed not reported	384	261	5	-	118	109	8	1	-
Major equipment replaced or added	3 435	2 918	14	5	498	394	104	-	-
Mostly done by household	588	467	2	-	129	95	34	-	-
Mostly done by others	2 746	2 377	11	5	353	289	64	-	-
Workers not reported	91	74	2	-	15	10	6	-	-
Costing \$500 or more	2 636	2 324	9	4	299	260	39	-	-
Costing less than \$500	492	336	5	-	152	102	49	-	-
Cost not reported	306	258	-	1	47	32	15	-	-
Major equipment replaced or added not reported	411	280	5	-	126	117	9	1	-
Insulation added	2 131	1 772	10	4	345	255	87	2	-
Mostly done by household	1 179	928	6	4	242	169	71	2	-
Mostly done by others	878	775	4	-	99	84	15	-	-
Workers not reported	74	70	-	-	4	2	-	-	-
Costing \$500 or more	422	383	4	1	33	32	2	-	-
Costing less than \$500	1 207	963	5	2	237	162	73	2	-
Cost not reported	502	425	1	1	74	62	13	-	-
Insulation added not reported	428	302	5	1	121	107	13	1	-
Other major work ¹	8 494	5 067	23	12	1 393	1 265	119	9	-
Mostly done by household	2 184	1 624	12	6	541	479	59	3	-
Mostly done by others	4 094	3 267	9	5	813	752	55	6	-
Workers not reported	216	178	2	-	39	34	5	-	-
Other major work not reported	408	297	5	1	105	95	10	1	-
Government Subsidy for Repairs									
Units with major repairs the last 2 years ..	15 990	12 956	72	41	2 919	2 480	421	17	-
Received low-interest loan or grant	316	272	-	-	44	26	18	-	-
No low-interest loan or grant	15 340	12 430	72	38	2 800	2 390	392	17	-
Not reported	334	256	-	3	75	64	11	-	-

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	20 600	15 436	139	50	4 975	3 270	1 518	150	37
Tenure									
Owner occupied	15 210	11 392	25	36	3 757	2 587	1 087	83	1
Percent of all occupied	73.8	73.8	18.3	71.2	75.5	79.1	71.6	55.0	1.5
Renter occupied	5 390	4 043	114	14	1 219	683	431	68	37
Race and Origin									
White	18 763	14 205	129	45	4 384	2 878	1 340	128	37
Non-Hispanic	18 150	13 793	124	45	4 187	2 802	1 247	106	32
Hispanic	613	412	5	—	197	77	93	22	5
Black	1 473	1 032	9	4	428	268	151	9	—
Other	364	199	1	1	163	123	27	13	—
Total Hispanic	688	449	5	—	214	83	104	23	5
Units in Structure									
1, detached	14 785	12 907	—	37	1 841	1 656	55	123	7
1, attached	441	321	—	2	118	112	—	4	2
2 to 4	1 308	943	135	10	220	205	—	8	7
5 to 9	440	298	3	—	137	136	—	2	—
10 to 19	210	176	—	—	35	29	—	4	2
20 to 49	202	129	—	—	72	47	—	5	20
50 or more	135	99	—	—	36	31	—	5	—
Mobile home or trailer	3 080	563	—	—	2 517	1 053	1 483	—	—
Cooperatives and Condominiums									
Cooperatives	25	10	—	—	14	11	4	—	—
Condominiums	145	74	—	—	71	70	—	—	1
Year Structure Built¹									
1990 to 1994	422	—	—	—	422	422	—	—	—
1985 to 1989	1 300	—	—	—	1 300	1 300	—	—	—
1980 to 1984	1 647	64	—	—	1 583	1 547	36	—	—
1975 to 1979	2 885	2 205	6	5	669	—	588	69	13
1970 to 1974	2 431	1 937	—	1	493	—	484	10	—
1960 to 1969	2 801	2 440	7	3	352	—	318	14	20
1950 to 1959	2 265	2 182	7	4	71	—	61	9	1
1940 to 1949	1 581	1 528	14	11	27	—	18	9	—
1930 to 1939	1 465	1 320	98	24	23	—	7	14	2
1920 to 1929	1 037	1 011	—	—	26	—	5	21	—
1919 or earlier	2 785	2 749	8	2	6	—	—	4	2
Median	1963	1955	1936	—	1982	1985	1974	1972	—
Metropolitan/Nonmetropolitan Areas									
Inside metropolitan statistical areas	—	—	—	—	—	—	—	—	—
In central cities	—	—	—	—	—	—	—	—	—
Suburbs	—	—	—	—	—	—	—	—	—
Outside metropolitan statistical areas	20 600	15 436	139	50	4 975	3 270	1 518	150	37
Regions									
Northeast	2 284	1 819	43	8	414	353	53	5	2
Midwest	6 610	5 506	49	23	1 031	700	280	27	24
South	8 679	5 974	38	11	2 656	1 665	902	89	—
West	3 028	2 137	10	8	874	551	283	29	11
Urbanized Areas									
Inside urbanized areas	—	—	—	—	—	—	—	—	—
In central cities of (P)MSA's	—	—	—	—	—	—	—	—	—
Urban fringe	651	506	6	8	131	93	30	8	—
Outside urbanized areas	19 949	14 930	134	42	4 844	3 176	1 488	142	37
Other urban	7 743	6 501	84	31	1 127	859	212	33	23
Rural	12 206	8 428	50	11	3 717	2 318	1 276	109	14
Place Size²									
Less than 2,500 persons	2 746	2 317	27	5	397	233	138	18	6
2,500 to 9,999 persons	3 378	2 797	54	15	512	342	151	18	1
10,000 to 19,999 persons	2 719	2 360	5	13	340	279	48	10	2
20,000 to 49,999 persons	2 116	1 770	30	11	306	235	43	8	20
50,000 to 99,999 persons	—	—	—	—	—	—	—	—	—
100,000 to 249,999 persons	—	—	—	—	—	—	—	—	—
250,000 to 499,999 persons	—	—	—	—	—	—	—	—	—
500,000 to 999,999 persons	—	—	—	—	—	—	—	—	—
1,000,000 persons or more	—	—	—	—	—	—	—	—	—

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	20 600	15 436	139	50	4 975	3 270	1 518	150	37
Stories in Structure									
1	550	385	25	4	136	123	—	6	7
2	927	627	32	1	267	256	—	10	2
3	626	497	73	6	51	50	—	2	—
4 to 6	168	120	7	1	40	14	—	6	20
7 or more	22	18	—	—	5	5	—	—	—
Not reported	2	—	2	—	—	—	—	—	—
Stories Between Main and Apartment Entrances									
Multiunits, 2 or more floors	1 743	1 260	112	7	363	325	—	17	21
None (on same floor)	765	531	60	6	188	181	—	8	—
1 (up or down)	518	397	35	—	86	81	—	2	2
2 or more (up or down)	235	165	5	1	64	38	—	7	19
Not reported	225	168	12	—	48	46	—	—	—
Common Stairways									
Multiunits, 2 or more floors	1 743	1 260	112	7	363	325	—	17	21
No common stairways	578	402	75	6	96	96	—	—	—
With common stairways	942	692	27	1	222	184	—	17	21
No loose steps	886	644	25	1	214	181	—	17	17
Railings not loose	753	546	15	1	192	159	—	15	17
Railings loose	43	30	3	—	9	9	—	—	—
No railings	75	59	8	—	8	7	—	1	—
Status of railings not reported	14	9	—	—	5	5	—	—	—
Loose steps	53	45	1	—	7	3	—	—	4
Railings not loose	37	30	1	—	6	2	—	—	4
Railings loose	9	8	—	—	2	2	—	—	—
No railings	7	7	—	—	—	—	—	—	—
Status of railings not reported	—	—	—	—	—	—	—	—	—
Status of steps not reported	2	2	—	—	—	—	—	—	—
Status of stairways not reported	223	167	10	—	46	46	—	—	—
Light Fixtures in Public Halls									
2 or more units in structure	2 293	1 645	137	11	500	449	—	23	28
No public halls	1 174	809	106	9	250	234	—	10	5
No light fixtures in public halls	5	5	—	—	—	—	—	—	—
All in working order	639	466	10	2	160	128	—	9	23
Some in working order	19	16	3	—	—	—	—	—	—
None in working order	5	2	3	—	—	—	—	—	—
Unable to determine if working	142	117	1	—	24	24	—	—	—
Not reported	309	229	15	—	65	62	—	3	—
Elevator on Floor									
Multiunits, 2 or more floors	1 743	1 260	112	7	363	325	—	17	21
With 1 or more elevators working	118	75	—	—	43	19	—	5	20
With elevator, none in working condition	3	—	—	—	3	3	—	—	—
No elevator	1 403	1 023	101	7	272	259	—	12	2
Units 3 or more floors from main entrance	26	21	—	1	4	4	—	—	—
Not reported	219	163	10	1	46	46	—	—	—
Foundation									
1 unit bldg. excl. mobile homes	15 226	13 228	—	39	1 959	1 768	55	127	9
With basement under all of building	4 784	4 168	—	21	594	574	6	12	2
With basement under part of building	2 482	2 348	—	—	129	117	5	7	—
With crawl space	5 358	4 643	—	10	706	605	33	62	6
On concrete slab	2 186	1 698	—	2	486	444	3	39	1
Other	416	372	—	—	44	28	8	7	—
Not reported	—	—	—	—	—	—	—	—	—
External Building Conditions¹									
Sagging roof	24	19	1	3	1	—	—	1	—
Missing roofing material	17	12	3	—	3	3	—	—	—
Hole in roof	—	—	—	—	—	—	—	—	—
Could not see roof	116	86	7	—	22	13	—	9	—
Missing bricks, siding, other outside wall material	49	36	7	3	3	3	—	—	—
Sloping outside walls	15	14	—	—	1	—	—	1	—
Boarded up windows	1	—	1	—	—	—	—	—	—
Broken windows	18	18	1	—	—	—	—	—	—
Bars on windows	—	—	—	—	—	—	—	—	—
Foundation crumbling or has open crack or hole	53	49	2	—	1	—	—	1	—
Could not see foundation	55	37	6	—	13	8	—	5	—
None of the above	1 735	1 224	105	8	398	362	—	8	28
Could not observe or not reported	344	257	15	—	72	68	—	4	—
Site Placement									
Mobile homes	3 080	563	—	—	2 517	1 053	1 463	—	—
First site	1 530	329	—	—	1 201	711	490	—	—
Moved from another site	1 003	120	—	—	884	281	623	—	—
Don't know	443	93	—	—	351	58	293	—	—
Not reported	103	21	—	—	81	24	57	—	—
Previous Occupancy									
Unit built 1980 or later	3 370	64	—	—	3 306	3 270	36	—	—
Not previously occupied	1 958	18	—	—	1 940	1 904	24	13	—
Not reported	443	29	—	—	414	410	4	—	—

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total -----	20 600	15 436	139	50	4 975	3 270	1 518	150	37
Rooms									
1 room -----	42	37	--	--	5	3	--	--	2
2 rooms -----	132	115	--	--	17	2	6	5	4
3 rooms -----	1 105	743	38	3	322	194	90	20	17
4 rooms -----	3 912	2 398	44	2	1 468	724	694	40	10
5 rooms -----	5 213	3 756	28	7	1 421	911	465	46	--
6 rooms -----	4 685	3 815	11	6	852	653	175	24	--
7 rooms -----	2 842	2 392	10	12	428	380	47	--	--
8 rooms -----	1 480	1 233	4	7	236	214	23	--	--
9 rooms -----	649	497	--	3	149	113	20	16	--
10 rooms or more -----	540	450	4	9	78	75	--	--	3
Median -----	5.5	5.7	4.2	---	5.0	5.3	4.5	4.7	---
Bedrooms									
None -----	82	83	--	--	9	4	1	2	2
1 -----	1 499	1 059	56	3	380	236	97	25	22
2 -----	6 744	4 666	51	12	2 014	1 054	878	72	10
3 -----	9 323	7 159	19	15	2 130	1 569	510	51	--
4 or more -----	2 943	2 469	12	20	442	407	33	--	2
Median -----	2.7	2.8	1.8	---	2.5	2.7	2.3	2.2	---
Complete Bathrooms									
None -----	194	151	4	--	39	23	16	--	--
1 -----	10 942	8 659	120	15	2 148	1 068	964	86	30
1 and one-half -----	3 379	2 737	6	4	632	381	230	19	2
2 or more -----	6 085	3 890	8	31	2 156	1 798	309	44	5
Square Footage of Unit									
Single detached and mobile homes -----	17 864	13 470	--	37	4 358	2 709	1 518	123	7
Less than 500 -----	251	131	--	--	119	9	111	--	--
500 to 749 -----	1 124	600	--	--	524	90	423	10	--
750 to 999 -----	2 349	1 406	--	--	942	462	456	24	--
1,000 to 1,499 -----	4 593	3 522	--	2	1 070	764	282	24	--
1,500 to 1,999 -----	3 170	2 594	--	5	571	478	75	18	--
2,000 to 2,499 -----	2 162	1 875	--	5	282	255	14	13	--
2,500 to 2,999 -----	1 185	1 023	--	2	160	157	2	--	--
3,000 to 3,999 -----	933	789	--	2	142	137	5	--	--
4,000 or more -----	591	461	--	4	127	107	12	5	2
Not reported -----	1 507	1 068	--	17	421	249	137	30	5
Median -----	1 485	1 604	---	---	1 179	1 438	836	1 268	---
Lot Size									
Less than one-eighth acre -----	1 166	892	--	3	271	122	144	--	4
One-eighth up to one-quarter acre -----	2 375	2 040	--	9	326	192	103	31	--
One-quarter up to one-half acre -----	2 035	1 691	--	5	339	258	82	--	--
One-half up to one acre -----	2 126	1 598	--	2	527	369	148	7	2
1 to 4 acres -----	3 971	2 653	--	3	1 315	878	413	24	--
5 to 9 acres -----	713	477	--	2	234	164	70	--	--
10 acres or more -----	2 049	1 535	--	--	514	313	178	22	--
Don't know -----	3 746	2 843	--	16	888	475	367	43	2
Not reported -----	125	63	--	--	62	49	13	--	--
Median -----	.89	.78	---	---	1.91	1.94	1.89	1.74	---
Persons Per Room									
0.50 or less -----	14 267	11 020	84	25	3 138	2 133	873	107	25
0.51 to 1.00 -----	5 901	4 182	47	23	1 649	1 054	563	24	8
1.01 to 1.50 -----	352	192	8	2	150	65	86	19	--
1.51 or more -----	80	42	--	--	38	18	16	--	4
Square Feet Per Person									
Single detached and mobile homes -----	17 864	13 470	--	37	4 358	2 709	1 518	123	7
Less than 200 -----	704	364	--	--	340	96	238	6	--
200 to 299 -----	1 388	839	--	2	547	259	277	11	--
300 to 399 -----	1 840	1 329	--	2	508	303	197	9	--
400 to 499 -----	1 925	1 340	--	1	584	371	196	17	--
500 to 599 -----	1 567	1 183	--	3	401	269	131	--	--
600 to 699 -----	1 480	1 159	--	3	319	223	92	3	--
700 to 799 -----	1 269	1 008	--	2	259	155	99	3	2
800 to 899 -----	948	748	--	1	200	141	55	4	--
900 to 999 -----	813	633	--	--	180	139	42	--	--
1,000 to 1,499 -----	2 559	2 157	--	3	400	335	38	27	--
1,500 or more -----	1 863	1 661	--	3	199	170	17	12	--
Not reported -----	1 507	1 068	--	17	421	249	137	30	5
Median -----	651	701	---	---	498	575	390	671	---

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—					
			Conversion	Merger	Total	New construction	Other sources			Other
							House or mobile home moved in	From nonresidential use		
Total	20 600	15 436	139	50	4 975	3 270	1 518	150		37
Equipment¹										
Lacking complete kitchen facilities	194	142	-	-	52	37	12	-	-	2
With complete kitchen (sink, refrigerator and burners)	20 406	15 293	139	50	4 923	3 232	1 506	150		35
Kitchen sink	20 503	15 358	139	50	4 956	3 253	1 516	150		37
Refrigerator	20 549	15 408	139	50	4 952	3 256	1 509	150		37
Less than 5 years old	6 257	4 284	40	17	1 916	1 465	393	48		10
Age not reported	264	172	5	-	86	68	16	5		-
Burners and oven	20 529	15 378	139	50	4 962	3 258	1 518	150		35
Less than 5 years old	5 232	3 401	39	15	1 776	1 436	289	42		9
Age not reported	304	216	4	-	84	62	22	-		-
Burners only	27	22	-	-	5	2	-	-		2
Less than 5 years old	6	6	-	-	-	-	-	-		-
Age not reported	6	4	-	-	2	2	-	-		-
Oven only	11	7	-	-	5	5	-	-		-
Less than 5 years old	4	4	-	-	-	-	-	-		-
Age not reported	3	3	-	-	-	-	-	-		-
Neither burners nor oven	33	29	-	-	4	4	-	-		-
Dishwasher	7 945	5 874	28	14	2 030	1 729	250	48		2
Less than 5 years old	2 588	1 639	11	6	932	854	54	23		-
Age not reported	125	89	-	-	36	30	6	-		-
Washing machine	17 378	13 235	69	42	4 030	2 815	1 108	105		2
Less than 5 years old	5 884	4 107	29	16	1 732	1 252	431	49		-
Age not reported	124	85	1	-	28	20	2	6		-
Clothes dryer	15 782	11 972	59	40	3 710	2 696	916	96		2
Less than 5 years old	4 495	3 076	19	13	1 387	1 093	276	19		-
Age not reported	109	80	2	-	27	20	7	-		-
Disposal in kitchen sink	4 857	3 701	5	13	1 138	1 017	89	30		3
Less than 5 years old	1 579	1 010	5	7	557	513	32	8		3
Age not reported	143	108	-	-	35	31	4	-		-
Air conditioning:										
Central	8 856	4 724	18	8	2 108	1 725	327	53		3
1 room unit	4 843	3 787	38	15	1 093	539	527	16		11
2 room units	1 573	1 262	15	5	290	135	129	14		12
3 room units or more	387	359	1	1	25	15	9	1		-
Main Heating Equipment										
Warm-air furnace	10 690	7 873	61	22	2 734	1 702	958	69		5
Steam or hot water system	1 731	1 492	39	10	190	156	13	1		20
Electric heat pump	1 421	762	-	-	659	581	66	13		-
Built-in electric units	1 791	1 324	5	6	457	380	58	17		2
Floor, wall, or other built-in hot air units without ducts	787	725	4	1	58	18	33	3		6
Room heaters with flue	982	863	6	1	111	51	43	13		5
Room heaters without flue	910	721	3	5	180	58	111	13		-
Portable electric heaters	130	74	2	-	53	18	34	3		-
Stoves	1 547	1 124	19	2	402	217	168	17		-
Fireplaces with inserts	248	198	-	-	49	39	11	-		-
Fireplaces without inserts	74	47	-	2	25	20	5	-		-
Other	280	213	-	-	47	30	17	-		-
None	29	20	-	-	9	6	3	-		-
Other Heating Equipment										
With other heating equipment ¹	7 772	5 945	32	14	1 781	1 222	511	42		6
Warm-air furnace	586	393	2	1	189	98	82	-		-
Steam or hot water system	69	60	-	1	8	6	1	-		-
Electric heat pump	70	51	-	-	20	20	-	-		-
Built-in electric units	886	692	6	-	189	154	24	4		6
Floor, wall, or other built-in hot-air units without ducts	168	148	-	-	20	14	6	-		-
Room heaters with flue	346	271	-	1	75	26	46	3		-
Room heaters without flue	888	655	6	3	222	99	123	-		-
Portable electric heaters	1 476	1 223	8	3	241	109	122	10		-
Stoves	1 523	1 138	6	3	377	275	80	21		-
Fireplaces with inserts	1 062	755	-	-	307	285	16	6		-
Fireplaces with no inserts	1 348	1 081	5	3	258	230	27	1		-
Other	350	278	3	-	71	57	15	-		-
Plumbing²										
With all plumbing facilities	19 960	14 972	126	50	4 812	3 156	1 468	150		37
Lacking some plumbing facilities ¹	70	51	4	-	15	11	5	-		-
No hot piped water	21	17	-	-	5	5	-	-		-
No bathtub nor shower	53	43	4	-	5	3	2	-		-
No flush toilet	30	22	-	-	8	8	-	-		-
No plumbing facilities for exclusive use	571	413	9	-	148	103	45	-		-
Source of Water										
Public system or private company	14 804	11 363	125	44	3 272	2 251	893	93		35
Well serving 1 to 5 units	5 317	3 736	10	5	1 565	954	554	57		-
Drilled	4 389	3 066	3	3	1 317	837	435	45		-
Dug	687	488	1	-	92	92	104	3		-
Not reported	241	184	6	2	49	25	16	9		-
Other	480	337	4	1	138	65	71	-		3

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Means of Sewage Disposal									
Public sewer	11 230	9 148	103	43	1 936	1 383	458	63	32
Septic tank, cesspool, chemical toilet	9 273	6 205	36	7	3 025	1 876	1 056	87	5
Other	97	82	-	-	15	11	4	-	-

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total -----	20 600	15 438	139	50	4 975	3 270	1 518	150	37
Main House Heating Fuel									
Housing units with heating fuel -----	20 571	15 416	139	50	4 966	3 263	1 516	150	37
Electricity -----	4 828	2 908	11	6	1 903	1 508	344	49	2
Piped gas -----	8 242	7 038	59	30	1 115	674	366	44	31
Bottled gas -----	2 206	1 350	4	1	851	482	341	24	4
Fuel oil -----	2 399	2 080	33	8	277	150	123	4	1
Kerosene or other liquid fuel -----	490	258	2	1	230	97	122	11	—
Coal or coke -----	172	146	6	—	20	9	11	—	—
Wood -----	2 135	1 580	21	4	530	323	192	15	—
Solar energy -----	9	4	—	—	5	3	2	—	—
Other -----	90	51	4	—	35	18	14	3	—
Other House Heating Fuels									
With other heating fuels ¹ -----	6 098	4 563	24	13	1 497	1 024	426	42	5
Electricity -----	1 859	1 388	14	5	451	283	146	17	5
Piped gas -----	218	173	—	1	44	24	20	—	—
Bottled gas -----	402	279	2	—	121	73	45	3	—
Fuel oil -----	294	263	—	1	29	16	13	—	—
Kerosene or other liquid fuel -----	681	488	4	3	186	75	111	—	—
Coal or coke -----	81	71	—	—	10	9	1	—	—
Wood -----	2 696	2 014	4	5	673	553	97	23	—
Solar energy -----	45	30	—	—	14	13	2	—	—
Other -----	57	47	—	—	10	8	2	—	—
Not reported -----	261	213	—	—	48	28	20	—	—
Cooking Fuel									
With cooking fuel -----	20 567	15 407	139	50	4 971	3 265	1 518	150	37
Electricity -----	13 519	10 333	81	32	3 072	2 319	822	103	29
Piped gas -----	4 417	3 807	44	14	751	369	365	13	4
Bottled gas -----	2 419	1 345	14	4	1 057	538	492	22	4
Kerosene or other liquid fuel -----	112	67	—	—	45	17	28	—	—
Coal or coke -----	4	4	—	—	—	—	—	—	—
Wood -----	34	23	—	—	11	11	—	—	—
Other -----	64	28	—	—	35	12	12	12	—
Water Heating Fuel									
With hot piped water -----	20 494	15 352	139	50	4 953	3 259	1 507	150	37
Electricity -----	10 496	7 156	52	20	3 268	2 216	948	98	6
Piped gas -----	7 361	6 358	64	24	1 313	584	277	28	27
Bottled gas -----	1 614	1 032	11	3	569	338	214	13	4
Fuel oil -----	724	611	11	1	100	81	19	—	—
Kerosene or other liquid fuel -----	103	53	—	1	50	18	31	—	—
Coal or coke -----	39	39	—	—	—	—	—	—	—
Wood -----	48	35	—	—	13	5	8	—	—
Solar energy -----	40	30	—	—	10	8	2	—	—
Other -----	69	38	—	1	30	10	8	12	—
Central Air Conditioning Fuel									
With central air conditioning -----	6 856	4 724	16	8	2 108	1 725	327	53	3
Electricity -----	6 346	4 286	16	8	2 027	1 649	321	53	3
Piped gas -----	429	367	—	1	61	60	1	—	—
Other -----	82	61	—	—	21	16	5	—	—
Clothes Dryer Fuel									
With clothes dryer -----	15 782	11 972	59	40	3 710	2 696	916	96	2
Electricity -----	13 909	10 366	55	37	3 452	2 532	838	79	2
Piped gas -----	1 467	1 313	4	2	147	105	39	3	—
Other -----	406	293	—	—	112	59	39	15	—
Units Using Each Fuel¹									
Electricity -----	20 570	15 421	139	50	4 959	3 257	1 518	150	33
All-electric units -----	4 114	2 470	9	5	1 631	1 339	249	41	2
Piped gas -----	9 299	7 875	78	34	1 313	802	431	48	31
Bottled gas -----	3 952	2 482	20	6	1 443	761	629	48	4
Fuel oil -----	3 079	2 647	37	9	387	218	160	4	5
Kerosene or other liquid fuel -----	1 218	790	6	4	418	172	235	11	—
Coal or coke -----	252	217	6	—	30	17	12	—	—
Wood -----	4 833	3 594	25	8	1 204	877	289	38	—
Solar energy -----	88	60	—	—	28	24	4	—	—
Other -----	199	127	4	1	67	32	20	14	—

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	20 600	15 436	139	50	4 975	3 270	1 518	150	37
Water Supply Stoppage									
With hot and cold piped water	20 494	15 352	139	50	4 953	3 259	1 507	150	37
No stoppage in last 3 months	19 410	14 621	134	47	4 608	3 047	1 379	150	32
With stoppage in last 3 months	846	552	6	1	287	199	84	-	4
No stoppage lasting 6 hours or more	290	201	-	88	66	23	-	-	-
1 time lasting 6 hours or more	388	231	4	1	152	104	44	-	4
2 times	36	29	-	-	7	4	-	-	-
3 times	32	21	1	-	10	-	10	-	-
4 times or more	20	15	-	-	4	1	3	-	-
Number of times not reported	80	55	-	-	25	24	1	-	-
Stoppage not reported	239	179	-	2	58	14	44	-	1
Flush Toilet Breakdowns									
With one or more flush toilets	20 486	15 346	139	50	4 950	3 251	1 512	150	37
With at least one working toilet at all times in last 3 months	19 418	14 520	127	49	4 722	3 142	1 408	138	37
None working some time in last 3 months	1 019	788	12	1	220	110	104	6	-
No breakdowns lasting 6 hours or more	254	205	2	-	47	28	14	-	-
1 time lasting 6 hours or more	517	394	6	1	116	52	64	-	-
2 times	65	59	1	-	5	2	3	-	-
3 times	34	20	1	-	12	8	5	-	-
4 times or more	38	28	1	-	8	2	5	-	-
Number of times not reported	111	79	-	-	32	18	14	-	-
Breakdowns not reported	49	40	-	-	8	-	-	8	1
Sewage Disposal Breakdowns									
With public sewer	11 230	9 148	103	43	1 938	1 383	458	63	32
No breakdowns in last 3 months	11 032	8 981	100	43	1 907	1 368	445	63	32
With breakdowns in last 3 months	199	167	3	-	28	15	13	-	-
No breakdowns lasting 6 hours or more	81	52	2	-	6	3	3	-	-
1 time lasting 6 hours or more	116	84	-	-	22	12	10	-	-
2 times	2	2	-	-	-	-	-	-	-
3 times	8	6	-	-	-	-	-	-	-
4 times or more	12	11	1	-	-	-	-	-	-
With septic tank or cesspool	9 273	6 205	36	7	3 025	1 876	1 056	87	5
No breakdowns in last 3 months	9 109	6 088	36	6	2 979	1 848	1 039	87	5
With breakdowns in last 3 months	164	117	-	1	46	29	17	-	-
No breakdowns lasting 6 hours or more	43	23	-	-	20	10	10	-	-
1 time lasting 6 hours or more	107	82	-	1	24	18	6	-	-
2 times	10	10	-	-	-	-	-	-	-
3 times	-	-	-	-	-	-	-	-	-
4 times or more	4	2	-	-	2	-	2	-	-
Heating Problems									
With heating equipment and occupied last winter	18 596	14 106	97	42	4 351	2 879	1 333	108	31
Not uncomfortably cold for 24 hours or more last winter	17 436	13 268	88	39	4 041	2 695	1 211	104	31
Uncomfortably cold for 24 hours or more last winter ¹	1 124	812	9	3	300	177	119	4	-
Equipment breakdowns	315	234	1	1	79	40	37	1	-
No breakdowns lasting 6 hours or more	29	18	1	-	9	1	7	-	-
1 time lasting 6 hours or more	193	149	-	1	43	26	16	1	-
2 times	42	27	-	-	15	7	7	-	-
3 times	11	5	-	-	6	3	2	-	-
4 times or more	20	18	-	-	4	2	2	-	-
Number of times not reported	20	19	-	-	2	-	2	-	-
Other causes	844	600	8	2	235	141	89	4	-
Utility interruption	322	191	-	-	131	87	40	4	-
Inadequate heating capacity	180	139	3	1	17	7	10	-	-
Inadequate insulation	114	104	3	1	7	5	2	-	-
Other	224	145	1	-	78	43	35	-	-
Not reported	24	22	-	-	2	-	2	-	-
Reason for discomfort not reported	6	6	-	-	1	-	1	-	-
Discomfort not reported	36	26	-	-	10	7	3	-	-
Electric Fuses and Circuit Breakers									
With electrical wiring	20 577	15 425	139	50	4 983	3 257	1 518	150	37
No fuses or breakers blown in last 3 mo.	17 698	13 200	113	41	4 343	2 874	1 294	139	37
With fuses or breakers blown in last 3 mo.	2 688	2 098	25	6	559	341	212	6	-
1 time	1 373	1 074	10	1	289	190	94	4	-
2 times	525	402	6	3	113	63	49	1	-
3 times	255	211	1	2	41	23	18	-	-
4 times or more	299	233	4	-	62	21	41	-	-
Number of times not reported	236	178	4	-	54	44	10	-	-
Problem not reported or don't know	191	126	1	3	61	43	12	5	1

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	20 600	15 436	139	50	4 975	3 270	1 518	150	37
Selected Amenities¹									
Porch, deck, balcony, or patio	16 177	12 305	108	38	3 728	2 555	1 080	87	4
Not reported	41	32	—	—	9	5	4	—	—
Telephone available	19 107	14 479	101	43	4 484	3 057	1 270	121	36
Usable fireplace	4 876	3 872	10	10	983	900	76	7	—
Separate dining room	7 868	6 402	41	33	1 389	1 066	286	35	2
With 2 or more living rooms or recreation rooms, etc.	6 171	5 106	24	23	1 018	856	138	21	3
Garage or carport included with home	11 552	9 599	26	24	1 903	1 538	293	65	7
Not included	9 027	5 825	113	26	3 063	1 724	1 226	85	29
Offstreet parking included	7 816	4 888	97	25	2 806	1 572	1 129	78	27
Offstreet parking not reported	75	53	—	—	21	12	5	2	2
Garage or carport not reported	21	12	—	—	9	8	—	—	1
Cars and Trucks Available¹									
No cars, trucks, or vans	1 644	1 286	28	2	328	174	137	8	9
Other households without cars	1 588	1 070	9	6	503	276	201	23	3
1 car with or without trucks or vans	11 231	8 484	79	22	2 666	1 737	849	61	19
2 cars	4 990	3 711	19	16	1 243	896	307	34	7
3 or more cars	1 148	7 905	4	4	235	187	24	24	—
With cars, no trucks or vans	9 346	7 069	76	16	2 186	1 473	624	66	23
1 truck or van with or without cars	7 501	5 555	28	27	1 891	1 246	586	58	2
2 or more trucks or vans	2 109	1 527	7	8	569	377	172	18	3
Owner or Manager on Property									
Rental, multiunit ²	2 295	1 645	139	11	500	449	—	23	28
Owner or manager lives on property	566	404	28	1	134	123	—	9	1
Neither owner nor manager lives on property	1 473	1 072	84	7	310	272	—	10	28
Not reported	256	169	27	3	57	53	—	3	—
Selected Deficiencies¹									
Signs of rats in last 3 months	821	554	3	5	259	113	146	—	—
Holes in floors	311	223	6	2	79	23	56	—	—
Open cracks or holes (interior)	950	763	10	7	170	88	74	7	—
Broken plaster or peeling paint (interior)	896	770	7	2	116	37	59	20	—
No electrical wiring	23	11	—	—	12	12	—	—	—
Exposed wiring	327	259	1	—	66	29	30	7	—
Rooms without electric outlets	483	407	8	3	66	29	32	5	—
Water Leakage During Last 12 Months									
No leakage from inside structure	18 319	13 720	125	39	4 435	2 958	1 318	128	32
With leakage from inside structure ¹	2 282	1 700	14	12	535	307	201	22	5
Fixtures backed up or overflowed	699	536	6	5	152	83	64	5	—
Pipes leaked	1 168	864	8	7	289	144	122	18	5
Other or unknown (includes not reported)	443	340	—	—	102	83	19	—	—
Interior leakage not reported	20	15	—	—	5	5	—	—	1
No leakage from outside structure	16 979	12 467	114	34	4 364	2 938	1 259	135	32
With leakage from outside structure ¹	3 588	2 947	25	18	599	320	259	15	5
Roof	1 675	1 294	14	5	383	155	204	1	2
Basement	1 329	1 262	7	6	53	52	—	1	—
Walls, closed windows, or doors	400	245	—	3	152	85	55	10	2
Other or unknown (includes not reported)	369	289	4	3	62	44	15	3	—
Exterior leakage not reported	34	22	—	—	12	11	—	—	1
Overall Opinion of Structure									
1 (worst)	139	103	1	3	32	7	25	—	—
2	79	58	4	1	16	4	12	—	—
3	140	112	1	—	26	4	22	—	—
4	218	173	3	1	42	7	31	—	4
5	1 584	1 214	25	3	341	134	198	9	—
6	1 061	851	3	1	206	84	107	5	—
7	2 285	1 767	18	11	489	257	224	8	—
8	4 831	3 734	35	13	1 049	682	329	19	19
9	2 680	2 061	19	5	585	421	132	39	4
10 (best)	7 368	5 206	29	13	2 120	1 619	420	71	10
Not reported	216	155	1	—	60	40	19	—	1
Selected Physical Problems									
Severe physical problems ¹	738	517	13	2	205	122	79	—	4
Plumbing	641	464	13	—	163	114	50	—	—
Heating	31	21	—	—	10	6	5	—	—
Electric	39	17	—	—	22	12	6	—	4
Upkeep	48	25	—	2	20	2	18	—	—
Hallways	—	—	—	—	—	—	—	—	—
Moderate physical problems ¹	1 364	1 089	11	6	257	103	140	15	—
Plumbing	71	48	3	—	20	10	9	2	—
Heating	847	677	3	5	182	58	92	13	—
Upkeep	449	377	7	3	61	28	36	—	—
Hallways	4	4	—	—	—	—	—	—	—
Kitchen	93	69	—	—	25	15	10	—	—

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

²Two or more units of any tenure in the structure.

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—			Units added through—			
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	20 600	15 436	139	50	4 975	3 270	1 518	150	37
Overall Opinion of Neighborhood									
1 (worst)	213	164	8	1	40	31	8	-	1
2	130	103	-	1	25	13	12	-	-
3	191	106	4	-	81	46	20	15	-
4	271	214	2	3	53	26	26	-	-
5	1 509	1 148	20	2	339	196	135	6	3
6	840	635	7	3	195	119	68	5	3
7	1 709	1 359	16	6	328	232	84	11	2
8	4 139	3 254	21	13	851	564	238	39	10
9	2 616	2 001	23	5	587	410	161	15	1
10 (best)	8 285	6 002	37	14	2 233	1 493	667	55	17
No neighborhood	414	255	-	-	159	90	63	5	-
Not reported	282	195	1	2	84	49	34	-	1
Neighborhood Conditions									
With neighborhood	19 904	14 986	138	46	4 733	3 130	1 421	145	37
No problems	13 863	10 518	92	27	3 226	2 072	1 030	103	22
With problems ¹	5 959	4 418	46	21	1 475	1 032	385	42	15
Crime	391	285	7	3	95	57	38	-	-
Noise	1 068	797	13	3	255	161	76	9	9
Traffic	1 171	987	16	5	163	90	57	12	2
Litter or housing deterioration	700	593	1	3	103	84	16	-	2
Poor city or county services	246	153	3	-	90	71	18	-	-
Undesirable commercial, institutional, industrial	326	259	-	3	65	41	24	-	-
People	2 097	1 497	19	9	572	382	154	32	3
Other	1 588	1 119	8	2	456	347	105	1	2
Type of problem not reported	124	88	-	-	36	30	5	2	-
Presence of problems not reported	81	50	-	-	31	26	6	-	-
Description of Area Within 300 Feet¹									
Single-family detached houses	1 101	802	106	9	184	150	-	11	23
Only single-family detached	-	-	-	-	-	-	-	-	-
Single-family attached or 1 to 3 story multiunit	1 191	821	36	7	327	311	-	8	8
4 to 6 story multiunit	95	67	1	-	27	4	-	6	17
7 stories or more multiunit	20	13	-	-	8	8	-	-	-
Mobile homes	70	50	7	-	13	12	-	1	-
Commercial, institutional, or industrial	638	444	45	2	147	116	-	11	20
Residential parking lots	381	249	7	-	126	102	-	5	20
Body of water	56	39	6	-	11	9	-	2	-
Open space, park, farm, or ranch	510	324	31	2	154	148	-	3	3
4+ lane highway, railroad, or airport	125	104	4	-	17	16	-	1	-
Other	99	71	14	2	13	8	-	5	-
Not observed or not reported	319	236	15	-	67	64	-	3	-
Age of Other Residential Buildings Within 300 Feet									
Older	192	123	-	-	69	57	-	10	2
About the same	1 332	962	81	8	281	266	-	8	7
Newer	55	38	13	-	4	4	-	-	-
Very mixed	249	171	21	3	55	34	-	1	20
No other residential buildings	130	102	8	-	21	20	-	1	-
Not reported	333	249	15	-	70	68	-	3	-
Mobile Homes in Group									
Mobile homes	3 080	563	-	-	2 517	1 053	1 463	-	-
1 to 6	2 484	407	-	-	2 078	865	1 213	-	-
7 to 20	185	30	-	-	136	49	87	-	-
21 or more	420	127	-	-	293	139	154	-	-
Not reported	10	-	-	-	10	-	10	-	-
Other Buildings Vandalized or With Interior Exposed									
None	1 843	1 321	115	11	395	351	-	20	25
1 building	27	22	1	-	4	-	-	-	4
More than 1 building	12	6	2	-	3	3	-	-	-
No buildings within 300 feet	45	31	4	-	9	9	-	-	-
Not reported	367	264	15	-	88	86	-	3	-
Bars on Windows of Buildings									
With other buildings within 300 feet	1 882	1 350	116	11	402	354	-	20	28
No bars on windows	1 849	1 327	117	11	394	348	-	18	28
1 building with bars	6	6	-	-	-	-	-	-	-
2 or more buildings with bars	14	10	1	-	3	3	-	-	-
Not reported	13	8	-	-	5	4	-	2	-
Condition of Streets									
No repairs needed	1 472	1 056	87	5	325	287	-	16	22
Minor repairs needed	454	325	34	6	88	85	-	3	1
Major repairs needed	32	26	-	-	5	-	-	-	5
No streets within 300 feet	20	8	1	1	10	10	-	-	-
Not reported	315	229	15	-	71	67	-	4	-
Trash, Litter, or Junk on Streets or any Properties									
None	1 555	1 102	87	8	357	323	-	12	22
Minor accumulation	390	288	32	3	66	54	-	6	5
Major accumulation	28	20	3	-	8	5	-	-	1
Not reported	320	234	15	-	71	67	-	4	-

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

**SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980.
AND SAME UNITS**
**Table 7-9. Household Composition—Outside Metropolitan Statistical Areas—
Occupied Units**

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Population in housing units	53 190	39 210	352	189	13 439	8 988	3 971	408	73
Total	20 600	15 438	139	50	4 975	3 270	1 518	150	37
Persons									
1 person	4 867	3 781	49	5	1 032	561	391	58	25
2 persons	7 047	5 387	36	5	1 619	1 139	450	27	3
3 persons	3 567	2 577	27	10	852	634	300	18	—
4 persons	3 106	2 281	11	15	819	577	202	33	7
5 persons	1 378	960	8	11	399	280	119	—	—
6 persons	402	317	4	—	81	47	28	4	2
7 persons or more	234	152	5	4	73	32	28	13	—
Median	2.3	2.2	2.1	—	2.4	2.4	2.3	2.2	—
Number of Single Children Under 18 Years Old									
None	12 845	10 030	77	17	2 720	1 753	860	79	28
1	3 313	2 301	24	7	981	652	296	33	—
2	2 785	1 961	27	12	785	549	212	17	7
3	1 164	769	5	11	380	256	106	17	—
4	357	273	1	—	82	44	32	4	2
5	85	70	3	3	19	10	6	—	—
6 or more	41	30	2	—	8	5	3	—	—
Median	5	5	5	—	5	5	5	5	—
Persons 65 Years Old and Over									
None	14 535	10 359	122	43	4 011	2 662	1 216	117	16
1 person	3 981	3 296	17	6	683	390	220	31	21
2 persons or more	2 084	1 781	—	2	302	217	82	2	—
Age of Householder									
Under 25 years	918	561	25	5	326	195	114	16	2
25 to 29	1 604	1 018	32	1	553	332	210	12	—
30 to 34	2 070	1 327	22	5	716	508	177	24	6
35 to 44	4 339	3 107	29	19	1 184	829	318	34	2
45 to 54	3 112	2 375	10	6	721	450	259	8	3
55 to 64	2 800	2 216	8	7	569	386	152	26	3
65 to 74	3 182	2 585	8	2	566	367	173	24	3
75 years and over	2 597	2 246	5	5	341	202	115	6	18
Median	49	52	33	—	43	42	43	42	—
Household Composition by Age of Householder									
2-or-more person households	15 733	11 655	90	45	3 943	2 709	1 128	95	12
Married-couple families, no nonrelatives	12 009	8 931	38	38	3 003	2 106	809	76	12
Under 25 years	382	225	7	3	147	86	57	5	—
25 to 29 years	885	546	6	—	331	205	125	—	—
30 to 34 years	1 372	885	7	5	495	368	112	11	4
35 to 44 years	2 855	2 031	13	16	796	558	204	31	2
45 to 64 years	3 956	3 095	4	10	847	611	209	22	5
65 years and over	2 580	2 170	—	2	388	278	102	8	—
Other male householder	1 407	1 005	23	4	375	247	123	5	—
Under 45 years	858	568	22	3	268	180	84	5	—
45 to 64 years	351	274	—	1	75	44	31	—	—
65 years and over	197	165	1	—	31	23	8	—	—
Other female householder	2 318	1 718	29	5	566	356	195	14	—
Under 45 years	1 321	903	21	2	395	271	110	14	—
45 to 64 years	570	442	6	1	121	65	56	—	—
65 years and over	428	374	2	2	50	21	29	—	—
1-person households	4 867	3 781	49	5	1 032	561	391	58	25
Male householder	1 710	1 248	26	1	438	195	188	36	9
Under 45 years	824	572	20	1	231	122	96	12	1
45 to 64 years	406	299	6	—	102	25	63	13	1
65 years and over	480	375	—	—	105	48	40	10	7
Female householder	3 157	2 535	23	4	594	365	192	20	17
Under 45 years	434	306	11	1	118	74	31	8	3
45 to 64 years	829	481	3	1	145	93	52	—	—
65 years and over	2 094	1 748	9	3	334	198	110	12	14

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
Adults and Single Children Under 18 Years Old										
Total households with children	7 755	5 405	62	33	2 255	1 517	658	71	9	
Married couples	5 659	3 936	31	27	1 666	1 140	462	54	9	
One child under 6 only	809	502	9	4	295	211	69	14	-	
One under 6, one or more 6 to 17	892	592	3	6	289	175	92	20	2	
Two or more under 6 only	484	320	6	1	156	117	40	-	-	
Two or more under 6, one or more 6 to 17	271	195	5	4	68	48	20	-	-	
One or more 6 to 17 only	3 204	2 327	7	12	858	589	241	20	7	
Other households with two or more adults	919	674	9	4	232	149	77	5	-	
One child under 6 only	188	134	4	-	30	22	8	-	-	
One under 6, one or more 6 to 17	140	96	2	-	40	30	10	-	-	
Two or more under 6 only	61	36	1	-	23	18	2	2	-	
Two or more under 6, one or more 6 to 17	51	32	-	-	19	14	5	-	-	
One or more 6 to 17 only	500	374	1	4	120	65	52	3	-	
Households with one adult or none	1 176	795	22	2	357	227	118	11	-	
One child under 6 only	171	107	3	-	62	40	19	3	-	
One under 6, one or more 6 to 17	165	114	2	1	48	28	20	-	-	
Two or more under 6 only	78	43	4	-	31	12	14	5	-	
Two or more under 6, one or more 6 to 17	53	41	3	-	9	4	5	-	-	
One or more 6 to 17 only	709	490	10	2	207	143	61	3	-	
Total households with no children	12 845	10 030	77	17	2 720	1 753	860	79	28	
Married couples	6 410	5 025	8	11	1 365	990	351	22	3	
Other households with two or more adults	1 569	1 224	20	1	323	202	119	2	-	
Households with one adult	4 867	3 781	49	5	1 032	561	391	56	25	
Own Never Married Children Under 18 Years Old										
No own children under 18 years	13 519	10 541	81	21	2 875	1 859	894	94	28	
With own children under 18 years	7 081	4 895	58	29	2 100	1 410	624	56	9	
Under 6 years only	1 524	967	25	6	526	363	149	13	-	
1	959	590	14	5	350	248	96	6	-	
2	481	333	12	1	135	93	40	2	-	
3 or more	85	44	-	-	41	22	14	5	-	
6 to 17 years only	4 179	3 000	18	15	1 147	761	355	23	7	
1	1 989	1 425	10	2	551	350	189	13	-	
2	1 534	1 111	8	8	408	263	106	11	7	
3 or more	657	464	-	5	188	127	60	-	-	
Both age groups	1 377	928	14	8	428	286	119	20	2	
2	620	410	4	4	202	145	54	3	-	
3 or more	758	518	10	4	226	141	65	16	2	
Persons Other Than Spouse or Children¹										
With other relatives	4 125	3 242	15	15	852	538	290	24	-	
Single adult offspring 18 to 29	2 237	1 724	4	7	502	309	169	24	-	
Single adult offspring 30 years of age or over	674	607	3	1	62	34	28	-	-	
Households with three generations	357	277	2	1	77	38	27	12	-	
Households with 1 subfamily	399	307	3	1	88	43	33	12	-	
Subfamily householder age under 30	253	176	2	-	75	37	26	12	-	
30 to 64	124	114	-	1	9	4	4	-	-	
65 and over	22	17	-	-	5	2	2	-	-	
Households with 2 or more subfamilies	28	11	1	-	15	15	-	-	-	
Households with other types of relatives	1 369	1 051	7	8	303	211	92	-	-	
With non-relatives	1 005	726	24	2	253	168	78	7	-	
Co-owners or co-renters	329	233	8	-	88	62	20	7	-	
Lodgers	165	112	4	1	48	38	10	-	-	
Unrelated children, under 18 years old	229	178	1	1	48	32	16	-	-	
Other non-relatives	446	331	12	-	103	60	43	-	-	
One or more secondary families	152	118	-	-	34	20	13	-	-	
2-person households, none related to each other	468	356	14	-	117	62	33	2	-	
3-8 person households, none related to each other	65	50	2	-	13	10	-	3	-	
Years of School Completed by Householder										
No school years completed	96	85	2	-	9	-	9	-	-	
Elementary:										
less than 8 years	1 358	996	8	4	350	168	170	7	5	
8 years	1 581	1 317	-	-	263	145	110	6	2	
High School:										
1 to 3 years	2 856	2 121	26	3	707	360	318	20	9	
4 years	8 250	6 058	72	22	2 098	1 340	673	72	14	
College:										
1 to 3 years	3 311	2 427	21	11	852	658	182	6	6	
4 years or more	3 149	2 432	10	11	696	599	57	40	1	
Median	12.5	12.5	12.5	-	12.6	12.7	12.2	12.6	-	
Year Householder Moved Into Unit										
1990 to 1994	4 423	2 869	64	13	1 476	1 002	395	69	10	
1985 to 1989	5 541	3 352	37	14	2 138	1 523	559	31	25	
1980 to 1984	2 486	1 595	3	5	683	652	199	30	3	
1975 to 1979	2 385	2 164	7	2	212	32	165	15	-	
1970 to 1974	1 721	1 553	-	1	166	39	121	6	-	
1960 to 1969	1 946	1 865	9	4	68	15	54	-	-	
1950 to 1959	1 162	1 134	9	4	14	-	14	-	-	
1940 to 1949	615	595	9	5	6	4	2	-	-	
1939 or earlier	321	307	1	1	12	2	9	-	-	
Median	1980	1977	1984	-	1988	1986	1985	1983	-	

**SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980
AND SAME UNITS**
**Table 7-9. Household Composition—Outside Metropolitan Statistical Areas—
Occupied Units—Con.**

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New con- struction	Other sources		
							House or mobile home moved in	From nonresi- dential use	Other
Household Moves and Formation In Last Year									
Total with a move in last year	3 640	2 480	68	17	1 095	705	310	74	7
Household all moved here from one unit	2 494	1 650	56	12	776	487	222	51	7
Householder of previous unit did not move here ..	457	314	11	1	131	99	27	5	1
Householder of previous unit moved here	1 952	1 279	43	10	619	382	185	47	6
Householder of previous unit not reported	85	57	1	1	26	16	10	-	-
Household moved here from two or more units	359	238	6	-	115	81	23	11	-
No previous householder moved here	83	46	3	-	34	25	8	-	-
1 previous householder moved here	74	53	-	-	21	17	5	-	-
2 or more previous householders moved here	180	110	2	-	47	27	10	11	-
Previous householder(s) not reported	40	28	-	-	13	13	-	-	-
Some already here, rest moved in	786	572	6	5	202	125	65	12	-
No previous householder moved here	303	207	1	2	93	58	35	-	-
1 or more previous householders moved here	381	294	3	2	82	42	28	12	-
Previous householder(s) not reported	101	71	2	1	27	26	1	-	-
Number of previous units not reported	2	-	-	-	2	2	-	-	-

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	20 600	15 436	139	50	4 975	3 270	1 518	150	37
Household Income									
Less than \$5,000	1 555	1 155	13	1	386	194	179	12	1
\$5,000 to \$9,999	2 904	2 235	21	5	643	361	257	14	10
\$10,000 to \$14,999	2 481	1 776	31	5	650	318	310	9	16
\$15,000 to \$19,999	2 188	1 621	16	3	548	293	219	35	—
\$20,000 to \$24,999	2 134	1 609	11	3	510	338	163	10	—
\$25,000 to \$29,999	1 936	1 442	10	10	474	315	134	18	7
\$30,000 to \$34,999	1 448	1 079	2	1	366	279	87	—	—
\$35,000 to \$39,999	1 173	867	5	6	295	221	58	16	—
\$40,000 to \$49,999	1 744	1 324	16	4	400	311	58	30	1
\$50,000 to \$59,999	1 133	907	4	2	220	187	30	—	2
\$60,000 to \$79,999	1 000	762	8	5	225	219	5	1	—
\$80,000 to \$99,999	403	311	1	2	89	81	3	5	—
\$100,000 to \$119,999	234	157	—	1	75	68	9	—	—
\$120,000 or more	288	191	1	1	85	87	8	—	—
Median	22 793	22 892	16 425	—	22 563	27 108	15 317	22 212	—
As percent of poverty level:									
Less than 50 percent	1 263	892	13	3	355	200	141	13	1
50 to 99	2 515	1 890	27	5	593	295	284	6	8
100 to 149	2 820	2 038	24	6	751	404	308	29	10
150 to 199	2 592	1 943	17	5	627	355	253	17	2
200 percent or more	11 411	8 672	58	31	2 649	2 015	533	86	15
Income of Families and Primary Individuals									
Less than \$5,000	1 669	1 225	13	1	430	218	196	15	1
\$5,000 to \$9,999	2 825	2 257	23	5	640	353	259	18	10
\$10,000 to \$14,999	2 517	1 820	28	5	664	336	303	9	16
\$15,000 to \$19,999	2 185	1 626	16	3	539	286	224	29	—
\$20,000 to \$24,999	2 145	1 618	12	3	511	342	160	10	—
\$25,000 to \$29,999	1 972	1 479	13	9	472	318	131	18	7
\$30,000 to \$34,999	1 417	1 054	9	1	353	273	79	—	—
\$35,000 to \$39,999	1 131	830	4	6	292	218	58	16	—
\$40,000 to \$49,999	1 670	1 268	10	4	388	301	58	30	1
\$50,000 to \$59,999	1 091	869	3	2	217	188	26	—	2
\$60,000 to \$79,999	976	753	5	5	213	207	5	1	—
\$80,000 to \$99,999	397	304	1	2	89	81	3	5	—
\$100,000 to \$119,999	226	148	—	1	77	68	9	—	—
\$120,000 or more	279	185	1	1	91	84	8	—	—
Median	22 342	22 442	16 425	—	22 104	26 607	15 006	22 212	—
Income Sources of Families and Primary Individuals									
Wages and salaries	14 168	10 359	117	43	3 649	2 441	1 083	110	15
Wages and salaries were majority of income	12 098	8 764	99	40	3 195	2 127	956	99	14
2 or more people each earned over 20% of wages and salaries	4 727	3 428	15	24	1 261	911	315	32	3
Business, farm, or ranch	3 452	2 599	23	10	821	628	156	32	5
Social security or pensions	7 661	6 230	27	16	1 388	913	419	33	23
Interest or dividend(s)	4 641	3 756	5	12	868	717	116	22	13
Rental income	1 886	1 494	30	11	352	271	74	4	2
With lodger(s)	165	112	4	1	48	38	10	—	—
Welfare or SSI	1 551	1 108	24	4	415	210	199	6	—
Alimony or child support	948	695	7	3	243	163	79	—	1
Other	2 130	1 514	23	4	589	385	196	4	4
Amount of Savings and Investments									
Income of \$25,000 or less	11 890	8 887	97	22	2 884	1 612	1 162	80	29
No savings or investments	5 652	3 996	60	16	1 580	820	722	34	5
\$25,000 or less	3 907	3 052	26	4	825	468	310	30	17
More than \$25,000	1 365	1 110	4	2	250	172	62	9	7
Not reported	965	728	7	—	229	153	69	8	—
Food Stamps									
Income of \$25,000 or less	11 890	8 887	97	22	2 884	1 612	1 162	80	29
Family members received food stamps	1 819	1 244	28	4	542	272	258	12	—
Did not receive food stamps	9 501	7 226	64	18	2 193	1 241	865	58	29
Not reported	570	416	5	—	149	99	39	11	—
Rent Reductions									
No subsidy or income reporting	4 382	3 365	106	14	896	417	397	49	33
Rent control	—	—	—	—	—	—	—	—	—
No rent control	4 379	3 362	106	14	896	417	397	49	33
Reduced by owner	438	347	9	2	79	26	46	7	—
Not reduced by owner	3 911	2 996	97	13	805	382	348	41	32
Owner reduction not reported	30	18	—	—	12	9	2	—	1
Rent control not reported	3	3	—	—	—	—	—	—	—
Owned by public housing authority	444	292	2	—	150	131	4	13	3
Other, Federal subsidy	322	215	—	—	107	90	17	—	—
Other, State or local subsidy	90	67	2	—	21	16	2	2	—
Other, income verification	97	69	2	—	27	—	—	—	—
Subsidy or income verification not reported	55	35	1	—	18	3	11	4	—

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	20 600	15 436	139	50	4 975	3 270	1 518	150	37
Monthly Housing Costs									
Less than \$100	1 041	859	1	-	380	170	204	6	-
\$100 to \$199	4 656	3 598	8	2	1 048	541	463	40	4
\$200 to \$249	2 140	1 743	18	3	376	208	168	-	1
\$250 to \$299	1 702	1 325	7	6	364	225	119	20	-
\$300 to \$349	1 402	1 072	17	5	308	178	117	12	1
\$350 to \$399	1 288	927	21	6	332	212	113	3	3
\$400 to \$449	1 181	877	10	4	289	179	87	23	-
\$450 to \$499	1 181	877	9	-	197	149	39	7	2
\$500 to \$599	1 432	1 077	18	4	334	295	31	5	2
\$600 to \$699	944	712	8	5	222	186	15	9	12
\$700 to \$799	680	502	6	2	170	151	17	-	2
\$800 to \$899	751	520	3	8	220	211	9	-	-
\$1,000 to \$1,249	313	207	4	3	99	97	2	-	-
\$1,250 to \$1,499	135	80	1	1	53	53	-	-	-
\$1,500 or more	180	104	-	-	76	71	6	-	-
No cash rent	849	620	6	2	220	113	83	16	9
Mortgage payment not reported	966	676	3	1	287	233	44	10	-
Median (excludes no cash rent)	296	290	383	-	311	383	208	291	-
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	292	287	-	-	306	395	188	284	-
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	122	111	-	-	149	210	100	166	-
Monthly Housing Costs as Percent of Current Income									
Less than 5 percent	938	621	-	1	316	186	108	20	-
5 to 9 percent	3 102	2 381	6	10	706	417	273	18	1
10 to 14 percent	3 403	2 691	7	5	700	460	204	34	2
15 to 19 percent	2 911	2 199	18	10	684	482	198	3	2
20 to 24 percent	2 140	1 585	30	5	520	367	133	18	2
25 to 29 percent	1 530	1 178	8	4	342	249	87	-	5
30 to 34 percent	1 058	789	18	-	274	195	67	10	2
35 to 39 percent	724	520	3	3	198	115	77	3	2
40 to 49 percent	991	709	16	3	263	169	85	6	3
50 to 59 percent	470	365	11	1	93	66	28	-	-
60 to 69 percent	306	212	4	1	88	56	27	5	-
70 to 99 percent	427	307	5	4	111	56	44	3	8
100 percent or more ¹	560	438	8	-	116	72	42	1	-
Zero or negative income	225	169	-	-	57	32	19	5	-
No cash rent	849	620	6	2	220	113	83	16	9
Mortgage payment not reported	966	676	3	1	287	233	44	10	-
Median (excludes 3 previous lines)	18	18	28	-	19	19	18	14	-
Median (excludes 4 lines before medians)	18	17	26	-	18	18	17	13	-
Rent Paid by Lodgers									
Lodgers in housing units	165	112	4	1	48	38	10	-	-
Less than \$100 per month	16	14	-	-	2	-	2	-	-
\$100 to \$199	72	47	-	1	25	22	3	-	-
\$200 to \$299	33	23	4	-	6	6	4	-	-
\$300 to \$399	12	6	-	-	6	2	-	-	-
\$400 or more per month	9	9	-	-	-	-	-	-	-
Not reported	22	13	-	-	9	9	-	-	-
Median	176	175	-	-	-	-	-	-	-
Monthly Cost Paid for Electricity									
Electricity used	20 570	15 421	139	50	4 959	3 257	1 518	150	33
Less than \$25	1 833	1 460	16	3	355	165	151	38	1
\$25 to \$49	8 773	5 155	37	11	1 570	952	558	60	-
\$50 to \$74	5 001	3 685	25	17	1 274	883	373	16	2
\$75 to \$99	2 591	1 846	15	7	723	521	184	17	-
\$100 to \$149	1 891	1 338	4	2	547	446	93	8	-
\$150 to \$199	428	310	4	3	111	83	24	3	-
\$200 or more	185	144	1	1	40	25	13	3	-
Median	54	52	48	-	58	62	49	39	-
Included in rent, other fee, or obtained free	1 866	1 484	38	6	339	182	123	5	30
Monthly Cost Paid for Piped Gas									
Piped gas used	9 299	7 875	78	34	1 313	802	431	48	31
Less than \$25	1 872	1 461	8	6	397	263	125	9	-
\$25 to \$49	4 009	3 456	23	5	525	341	172	11	1
\$50 to \$74	1 822	1 442	10	11	159	90	56	14	-
\$75 to \$99	455	415	1	4	35	20	10	3	2
\$100 to \$149	184	146	5	-	12	7	6	-	-
\$150 to \$199	36	29	-	-	7	-	6	1	-
\$200 or more	60	47	-	-	13	8	5	-	-
Median	39	40	42	-	33	32	34	-	-
Included in rent, other fee, or obtained free	1 061	879	32	7	164	75	52	10	27

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--					
			Conversion	Merger	Total	New construction	Other sources			
							House or mobile home moved in	From nonresidential use	Other	
Average Monthly Cost Paid for Fuel Oil										
Fuel oil used.....	3 079	2 647	37	9	387	218	160	4	5	
Less than \$25.....	459	366	1	-	92	43	49	-	-	
\$25 to \$49.....	865	750	13	2	100	41	54	4	-	
\$50 to \$74.....	774	673	3	2	97	65	32	-	-	
\$75 to \$99.....	374	338	7	2	28	17	10	-	1	
\$100 to \$149.....	304	283	2	2	17	16	-	-	-	
\$150 to \$199.....	37	34	-	-	2	-	2	-	-	
\$200 or more.....	28	23	-	-	5	-	-	-	-	
Median.....	53	54	-	-	45	54	37	-	-	
Included in rent, other fee, or obtained free.....	239	180	11	1	47	31	12	-	-	4
Property Insurance										
Property insurance paid.....	15 305	11 734	56	39	3 476	2 601	769	88	18	
Median per month.....	24	24	-	-	24	28	18	24	-	
Monthly Costs Paid for Selected Utilities and Fuels										
Water paid separately.....	9 980	7 836	49	33	2 062	1 427	566	66	3	
Median.....	20	20	-	-	20	21	19	19	-	
Trash paid separately.....	8 891	7 140	41	29	1 682	1 215	404	63	1	
Median.....	10	10	-	-	10	10	10	10	-	
Bottled gas paid separately.....	3 871	2 427	16	6	1 421	752	618	47	4	
Median.....	46	47	-	-	45	49	42	-	-	
Other fuel paid separately.....	4 278	3 158	29	12	1 079	681	353	45	-	
Median.....	15	15	-	-	14	13	16	-	-	
OWNER OCCUPIED UNITS										
Total.....	15 210	11 392	25	36	3 757	2 587	1 087	83	1	
Cost and Ownership Sharing										
Ownership shared by person not living here.....	522	413	1	1	107	69	34	5	-	
Costs shared by person not living here.....	76	54	-	1	22	18	3	-	-	
Costs not shared.....	442	354	1	-	86	51	30	5	-	
Cost sharing not reported.....	5	5	-	-	-	-	-	-	-	
Ownership not shared.....	14 489	10 847	24	35	3 584	2 486	1 030	68	-	
Costs shared by person not living here.....	53	20	-	-	33	20	13	-	-	
Costs not shared.....	14 367	10 771	24	35	3 537	2 455	1 014	68	-	
Cost sharing not reported.....	69	56	-	-	14	11	2	-	-	
Ownership sharing not reported.....	198	133	-	-	65	31	24	10	1	
Monthly Payment for Principal and Interest										
Less than \$100.....	219	195	-	2	22	17	5	-	-	
\$100 to \$199.....	981	678	-	2	301	187	105	8	-	
\$200 to \$249.....	717	485	-	1	231	149	73	9	-	
\$250 to \$299.....	698	520	1	5	172	139	28	5	-	
\$300 to \$349.....	585	459	2	1	124	112	11	-	-	
\$350 to \$399.....	519	372	2	2	143	124	19	-	-	
\$400 to \$449.....	430	343	2	2	84	81	2	-	-	
\$450 to \$499.....	305	238	2	2	85	65	-	-	-	
\$500 to \$599.....	531	366	1	2	162	139	19	4	-	
\$600 to \$699.....	339	236	-	2	101	101	-	-	-	
\$700 to \$799.....	201	110	3	3	85	83	2	-	-	
\$800 to \$999.....	150	89	1	2	56	54	2	-	-	
\$1,000 to \$1,249.....	118	57	-	1	60	60	-	-	-	
\$1,250 to \$1,499.....	40	21	-	-	19	19	-	-	-	
\$1,500 or more.....	58	31	-	-	26	23	3	-	-	
Not reported.....	966	676	3	1	287	233	44	10	-	
Median.....	328	324	-	-	340	379	217	-	-	
Average Monthly Cost Paid for Real Estate Taxes										
Less than \$25.....	5 384	3 488	-	2	1 894	989	881	24	-	
\$25 to \$49.....	3 677	2 957	5	9	705	521	143	42	-	
\$50 to \$74.....	2 184	1 805	3	4	371	334	27	11	-	
\$75 to \$99.....	1 271	1 029	6	5	231	225	7	-	-	
\$100 to \$149.....	1 528	1 222	6	11	289	269	14	5	1	
\$150 to \$199.....	596	454	1	2	138	130	8	-	-	
\$200 or more.....	571	437	4	3	127	118	8	1	-	
Median.....	40	44	-	-	25	40	25	35	-	
Annual Taxes Paid Per \$1,000 Value										
Less than \$5.....	3 203	2 332	2	1	868	621	220	27	-	
\$5 to \$9.....	4 352	3 346	4	10	992	785	193	14	-	
\$10 to \$14.....	2 739	2 029	2	5	703	491	200	11	-	
\$15 to \$19.....	1 651	1 299	3	5	345	215	107	23	-	
\$20 to \$24.....	1 093	897	3	8	185	129	50	6	1	
\$25 or more.....	2 172	1 490	11	7	664	345	318	1	-	
Median.....	10	10	-	-	10	9	13	10	-	
Routine Maintenance in Last Year										
Less than \$25 per month.....	11 203	8 150	18	22	3 013	2 072	875	65	-	
\$25 to \$49.....	2 110	1 707	3	7	394	272	117	5	-	
\$50 to \$74.....	369	322	4	3	40	27	13	-	-	
\$75 to \$99.....	460	371	1	1	88	70	18	-	-	
\$100 to \$149.....	221	194	-	-	27	18	7	3	-	
\$150 to \$199.....	131	119	-	-	12	9	2	-	-	
\$200 or more per month.....	191	153	-	3	35	32	3	-	-	
Not reported.....	524	377	-	-	148	86	51	10	1	
Median.....	25	25	-	-	25	25	25	25	-	

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
OWNER OCCUPIED UNITS—Con.									
Condominium and Cooperative Fee									
Fee paid by owners	71	27	--	--	45	45	--	--	--
Less than \$25 per month	--	--	--	--	--	--	--	--	--
\$25 to \$49	5	2	--	--	2	2	--	--	--
\$50 to \$74	24	7	--	--	17	17	--	--	--
\$75 to \$99	17	2	--	--	16	16	--	--	--
\$100 to \$149	20	10	--	--	10	10	--	--	--
\$150 to \$199	--	--	--	--	--	--	--	--	--
\$200 or more per month	2	2	--	--	--	--	--	--	--
Not reported	4	4	--	--	--	--	--	--	--
Median	83	--	---	---	---	---	---	---	---
Other Housing Costs Per Month									
Homeowner association fee paid	68	23	--	--	45	45	--	--	--
Median	83	---	---	---	---	---	---	---	---
Mobile home park fee paid	44	11	--	--	33	19	15	--	--
Median	---	---	---	---	---	---	---	---	---
Land rent fee paid	17	13	--	--	4	2	--	3	--
Median	---	---	---	---	---	---	---	---	---

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

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	15 210	11 392	25	36	3 757	2 587	1 087	83	1
Value									
Less than \$10,000	663	395	-	-	268	66	202	-	-
\$10,000 to \$19,999	812	562	2	1	247	120	128	-	-
\$20,000 to \$29,999	1 029	878	5	2	146	68	77	-	1
\$30,000 to \$39,999	1 228	1 109	2	-	118	73	39	6	-
\$40,000 to \$49,999	1 589	1 492	10	4	82	68	14	-	-
\$50,000 to \$59,999	1 417	1 325	-	2	90	60	24	5	-
\$60,000 to \$69,999	1 464	1 348	4	2	110	91	19	-	-
\$70,000 to \$79,999	1 266	1 169	7	-	87	82	5	-	-
\$80,000 to \$89,999	1 827	1 642	7	2	176	160	6	11	-
\$100,000 to \$119,999	1 032	933	2	-	97	93	4	-	-
\$120,000 to \$149,999	1 060	914	2	-	163	159	4	-	-
\$150,000 to \$199,999	1 278	1 148	5	4	123	123	-	-	-
\$200,000 to \$249,999	649	584	1	3	60	60	-	-	-
\$250,000 to \$299,999	379	345	5	2	28	28	-	-	-
\$300,000 or more	827	554	5	-	68	52	4	2	-
Median	69 779	70 773	...	-	57 608	63 547	14 791	...	...
Value-Income Ratio									
Less than 1.5	6 203	4 149	12	19	2 023	1 150	850	22	1
1.5 to 1.9	1 884	1 538	1	4	341	282	50	8	-
2.0 to 2.4	1 510	1 162	1	3	344	298	46	-	-
2.5 to 2.9	1 001	775	3	2	221	170	23	27	-
3.0 to 3.9	1 358	1 128	-	3	228	189	30	9	-
4.0 to 4.9	790	651	-	1	138	118	20	-	-
5.0 or more	2 270	1 842	8	4	416	350	50	16	-
Zero or negative income	194	147	-	-	47	30	17	-	-
Median	1.8	2.0	...	...	1.5	1.7	1.5	2.7	...
Other Activities on Property¹									
Commercial establishment	378	281	4	1	92	57	32	4	-
Medical or dental office	14	10	-	-	4	4	-	-	-
Neither	14 820	11 104	21	35	3 661	2 526	1 055	79	1
Year Unit Acquired									
1990 to 1994	1 549	829	1	5	713	551	153	8	-
1985 to 1989	3 718	2 005	6	14	1 691	1 305	362	23	-
1980 to 1984	2 143	1 224	-	3	915	708	187	20	-
1975 to 1979	2 215	1 998	4	2	211	-	197	14	-
1970 to 1974	1 618	1 504	-	1	113	-	105	8	-
1960 to 1969	1 851	1 798	7	3	44	-	44	-	-
1950 to 1959	1 124	1 116	6	2	-	-	-	-	-
1940 to 1949	543	536	2	5	-	-	-	-	-
1939 or earlier	195	195	-	-	-	-	-	-	-
Not reported	258	188	-	-	71	22	38	10	1
Median	1978	1975	-	-	1985	1986	1983	1983	...
First Time Owners									
First home ever owned	6 539	5 158	17	11	1 352	802	535	15	-
Not first home	8 314	5 978	8	24	2 304	1 716	531	57	-
Not reported	357	256	-	-	101	69	22	10	1
Purchase Price									
Home purchased or built	14 422	10 715	24	35	3 648	2 562	1 015	71	-
Less than \$10,000	2 582	1 912	3	2	665	124	526	16	-
\$10,000 to \$19,999	2 760	2 077	1	2	680	445	225	10	-
\$20,000 to \$29,999	1 804	1 384	7	7	407	305	90	11	-
\$30,000 to \$39,999	1 454	1 184	6	10	254	225	23	6	-
\$40,000 to \$49,999	1 114	833	6	7	268	240	24	4	-
\$50,000 to \$59,999	787	622	-	-	165	157	6	1	-
\$60,000 to \$69,999	599	442	-	-	153	142	7	4	-
\$70,000 to \$79,999	384	282	1	5	120	120	-	-	-
\$80,000 to \$89,999	496	272	-	-	225	225	-	-	-
\$100,000 to \$119,999	231	108	-	-	123	123	-	-	-
\$120,000 to \$149,999	172	100	-	-	72	72	-	-	-
\$150,000 to \$199,999	136	54	-	1	82	82	-	-	-
\$200,000 to \$249,999	32	10	-	-	22	22	-	-	-
\$250,000 to \$299,999	25	15	-	-	10	10	-	-	-
\$300,000 or more	22	2	-	-	20	20	-	-	-
Not reported	1 822	1 438	-	-	383	251	113	19	-
Median	25 306	24 687	-	-	27 073	42 374	10000	20 489	...
Received as inheritance or gift	539	498	1	1	38	2	34	2	-
Not reported	250	179	-	-	71	22	38	10	1
Major Source of Down Payment									
Home purchased or built	14 422	10 715	24	35	3 648	2 562	1 015	71	-
Sale of previous home	3 639	2 705	7	4	923	765	136	22	-
Savings or cash on hand	6 286	4 683	7	14	1 582	1 048	517	17	-
Sale of other investment	104	91	-	2	12	9	-	3	-
Borrowing, other than mortgage on this property	821	653	-	2	187	96	68	2	-
Inheritance or gift	348	235	4	1	108	80	28	-	-
Land where building built used for financing	148	90	-	-	58	47	12	-	-
Other	805	562	-	1	242	156	83	3	-
No down payment	1 889	1 382	7	10	491	319	152	21	-
Not reported	380	315	-	1	65	42	20	3	-

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

SECTION A. 1991 CHARACTERISTICS OF HOUSING UNITS CREATED SINCE 1980 AND SAME UNITS
Table 7-13. Mortgage Characteristics—Outside Metropolitan Statistical Areas—Owner Occupied Units

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	15 210	11 392	25	36	3 757	2 587	1 087	83	1
Mortgages Currently on Property									
None, owned free and clear	8 355	6 517	7	11	1 820	1 000	772	48	1
With mortgage or land contract	6 855	4 875	18	25	1 937	1 587	314	35	-
One mortgage or land contract	6 024	4 236	17	23	1 749	1 440	280	28	-
Two mortgages	682	547	1	1	133	113	19	1	-
Three or more mortgages	13	9	-	1	3	3	-	-	-
Number of mortgages not reported	136	83	-	-	53	31	16	6	-
OWNERS WITH ONE OR MORE MORTGAGES									
Total	6 855	4 875	18	25	1 937	1 587	314	35	-
Type of Primary Mortgage									
FHA	589	488	-	4	98	95	-	3	-
VA	367	288	-	6	73	64	3	6	-
Farmers Home Administration	253	197	-	-	56	56	-	-	-
Other types	5 344	3 694	18	16	1 615	1 302	293	20	-
Don't know	114	85	-	-	29	26	2	-	-
Not reported	189	123	-	-	66	44	16	6	-
Lower Cost State and Local Mortgages									
State or local program used	835	606	6	5	217	191	17	9	-
Not used	5 782	4 107	11	19	1 645	1 351	274	20	-
Not reported	239	162	1	1	74	45	23	6	-
Mortgage Origination									
Placed new mortgage(s)	5 851	4 058	17	21	1 755	1 448	278	29	-
Primary obtained when property acquired	4 675	3 104	15	20	1 537	1 278	237	23	-
Obtained later	1 157	944	2	1	210	162	41	6	-
Date not reported	19	10	-	-	8	8	-	-	-
Assumed	279	240	-	2	37	31	6	-	-
Wrap-around	5	5	-	-	-	-	-	-	-
Combination of the above	529	444	1	2	81	68	15	-	-
Origin not reported	192	128	-	-	63	42	16	6	-
Payment Plan of Primary Mortgage									
Fixed payment, self amortizing	4 920	3 594	15	20	1 291	1 106	177	9	-
Adjustable rate mortgage	654	448	3	3	200	179	14	7	-
Adjustable term mortgage	23	11	-	1	10	8	2	-	-
Graduated payment mortgage	22	11	-	-	11	11	-	-	-
Balloon	79	59	-	-	20	14	7	-	-
Other	107	74	-	1	32	29	-	3	-
Combination of the above	60	34	-	-	25	19	6	-	-
Not reported	991	644	-	-	347	222	109	17	-
Payment Plan of Secondary Mortgage									
Units with two or more mortgages	695	556	1	2	135	116	19	1	-
Fixed payment, self amortizing	367	281	1	1	83	76	7	-	-
Adjustable rate mortgage	70	55	-	-	15	15	-	-	-
Adjustable term mortgage	-	-	-	-	-	-	-	-	-
Graduated payment mortgage	1	-	-	-	-	-	-	-	-
Balloon	3	3	-	1	-	-	-	-	-
Other	28	26	-	-	1	1	-	-	-
Combination of the above	226	190	-	-	36	23	12	1	-
Lenders of Primary and Secondary Mortgages									
Only borrowed from firm(s)	5 958	4 205	17	17	1 719	1 444	249	26	-
Only borrowed from seller	319	262	1	3	53	18	37	-	-
Only borrowed from other individual(s)	126	84	-	3	38	27	9	3	-
Borrowed from a firm and seller	59	43	-	-	18	15	2	-	-
Borrowed from a firm and other individual	4	4	-	-	-	-	-	-	-
Borrowed from seller and other individual	3	3	-	-	-	-	-	-	-
One or both sources not reported	388	275	-	1	110	88	18	7	-
Items Included in Primary Mortgage Payment¹									
Principal and interest only	3 836	2 614	10	10	1 202	838	241	22	-
Property taxes	2 447	1 952	9	14	472	441	25	6	-
Property insurance	2 263	1 711	8	14	530	489	34	6	-
Other	205	149	3	-	53	53	-	-	-
Not reported	274	180	-	-	94	80	28	7	-
Year Primary Mortgage Originated									
1990 to 1994	1 392	855	1	4	532	451	79	3	-
1985 to 1989	2 741	1 739	8	14	980	816	146	18	-
1980 to 1984	914	598	-	1	315	271	41	3	-
1975 to 1979	1 000	975	1	-	24	-	24	-	-
1970 to 1974	377	368	-	-	8	-	2	6	-
1960 to 1969	165	162	1	2	-	-	-	-	-
1950 to 1959	18	12	4	1	-	-	-	-	-
1949 or earlier	15	9	2	3	-	-	-	-	-
Not reported	233	156	-	-	77	49	22	6	-
Median	1985	1983	-	-	1986	1986	1986	-	-

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by--		Units added through--				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
OWNERS WITH ONE OR MORE MORTGAGES—Con.									
Term of Primary Mortgage at Origination or Assumption									
Less than 8 years	342	144	--	1	197	84	107	6	--
8 to 12 years	425	198	2	2	229	164	57	2	--
13 to 17 years	1 018	556	5	2	455	416	34	5	--
18 to 22 years	770	626	6	8	131	115	16	--	--
23 to 27 years	512	436	--	2	74	68	--	--	--
28 to 32 years	1 813	1 370	4	7	432	419	14	6	--
33 years or more	201	163	--	--	38	35	--	--	--
Variable	88	58	--	1	29	22	--	3	--
Not reported	1 688	1 325	2	2	358	264	7	--	--
Median	23	26	---	---	17	18	80	13	---
							9		
Remaining Years Mortgaged									
Less than 8 years	1 457	993	1	2	460	258	181	21	--
8 to 12	1 215	886	4	5	340	297	43	--	--
13 to 17	1 104	808	5	1	289	270	14	5	--
18 to 22	607	458	1	3	143	135	5	3	--
23 to 27	736	499	--	4	233	225	8	--	--
28 to 32	704	449	--	3	252	250	2	--	--
33 years or more	16	12	--	--	4	4	--	--	--
Variable	122	84	--	1	37	30	7	--	--
Not reported	895	706	6	5	178	118	53	7	--
Median	14	14	---	---	14	16	8-	7	---
Current Interest Rate									
Less than 6 percent	139	83	--	2	55	52	2	--	--
6 to 7.9	231	206	--	--	25	16	--	9	--
8 to 9.9	1 372	1 079	3	1	289	270	19	--	--
10 to 11.9	1 104	779	7	5	313	281	29	2	--
12 to 13.9	258	130	--	2	128	116	10	--	--
14 to 15.9	82	21	--	--	61	43	18	--	--
16 to 17.9	10	6	--	--	3	1	2	--	--
18 to 19.9	12	4	--	--	12	12	--	--	--
20 percent or more	16	4	--	--	5	5	--	--	--
Not reported	3 630	2 567	8	14	1 040	790	227	24	--
Median	9.3	9.1	---	---	10.0	9.9	11.0	---	---
Total Outstanding Principal Amount									
Less than \$10,000	563	393	4	4	162	94	60	8	--
\$10,000 to \$19,999	607	457	1	--	148	139	9	--	--
\$20,000 to \$29,999	563	443	--	1	119	112	7	--	--
\$30,000 to \$39,999	474	357	3	--	113	107	6	--	--
\$40,000 to \$49,999	346	268	--	--	78	75	--	3	--
\$50,000 to \$59,999	207	144	1	--	59	56	2	--	--
\$60,000 to \$69,999	157	101	--	2	54	54	--	--	--
\$70,000 to \$79,999	108	55	--	--	52	52	--	--	--
\$80,000 to \$99,999	102	56	--	--	46	46	--	--	--
\$100,000 to \$119,999	41	12	--	1	29	29	--	--	--
\$120,000 to \$149,999	32	12	--	--	20	18	2	--	--
\$150,000 to \$199,999	19	4	--	--	16	16	--	--	--
\$200,000 to \$249,999	2	2	--	--	--	--	--	--	--
\$250,000 to \$299,999	4	2	--	--	2	2	--	--	--
\$300,000 or more	2	2	--	--	--	--	--	--	--
Not reported	3 630	2 567	8	14	1 040	790	227	24	--
Median	27 865	26 863	---	---	31 709	35 102	10000-	---	---
Current Total Loan as Percent of Value									
Less than 20 percent	528	434	4	4	86	63	15	8	--
20 to 39	513	413	3	--	98	83	14	--	--
40 to 59	742	523	3	2	214	195	18	3	--
60 to 79	710	479	--	1	230	207	23	--	--
80 to 89	307	203	--	2	102	100	1	--	--
90 to 99	196	135	--	--	60	60	--	--	--
100 percent or more	229	121	--	2	106	88	18	--	--
Not reported	3 630	2 567	8	14	1 040	790	227	24	--
Median	55.4	51.8	---	---	64.3	65.6	58.3	---	---

*Figures may not add to total because more than one category may apply to a unit.

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

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

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

Characteristics	Total housing units, 1991	Same units, 1980 and 1991	Units changed by—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total	15 210	11 392	25	36	3 757	2 587	1 087	83	1
Repairs, Improvements, Alterations in Last 2 Years									
Roof replaced (all or part)	2 249	1 990	1	9	248	133	107	8	-
Mostly done by household	688	567	-	2	117	57	52	7	-
Mostly done by others	1 492	1 360	1	6	124	68	55	1	-
Workers not reported	71	64	-	-	7	7	-	-	-
Costing \$500 or more	1 458	1 351	-	6	102	59	43	-	-
Costing less than \$500	504	380	-	3	122	58	55	8	-
Cost not reported	288	260	1	-	25	15	9	-	-
Roof replacement not reported	152	97	-	-	58	29	18	10	1
Additions built	675	481	-	3	211	133	73	5	-
Mostly done by household	373	234	-	1	138	77	61	-	-
Mostly done by others	290	222	-	1	67	50	12	5	-
Workers not reported	12	5	-	-	6	6	-	-	-
Costing \$500 or more	514	347	-	2	165	110	49	5	-
Costing less than \$500	71	48	-	-	25	8	17	-	-
Cost not reported	90	68	-	1	45	15	6	-	-
Additions not reported	147	102	-	-	45	21	14	10	1
Kitchen remodeled or added	1 077	902	7	8	180	98	58	6	-
Mostly done by household	624	512	6	6	101	55	41	5	-
Mostly done by others	446	386	1	1	58	44	15	-	-
Workers not reported	6	4	-	-	1	-	-	1	-
Costing \$500 or more	646	571	7	5	64	46	15	3	-
Costing less than \$500	318	244	-	2	89	34	33	3	-
Cost not reported	115	87	-	1	27	19	8	-	-
Kitchen remodeled or added not reported	151	102	-	-	49	23	18	10	1
Bathroom remodeled or added	1 378	1 141	3	7	225	128	96	1	-
Mostly done by household	850	688	3	3	178	95	82	1	-
Mostly done by others	498	454	-	3	41	27	13	-	-
Workers not reported	27	21	-	1	6	6	-	-	-
Costing \$500 or more	722	638	1	5	77	49	29	-	-
Costing less than \$500	479	364	1	1	113	55	58	-	-
Cost not reported	174	139	-	1	35	25	9	1	-
Bathroom remodeled or added not reported	149	97	-	-	52	28	14	10	1
Siding replaced or added	929	843	1	2	83	56	26	1	-
Mostly done by household	303	288	-	1	33	19	13	1	-
Mostly done by others	586	541	-	-	45	33	12	-	-
Workers not reported	40	35	-	1	5	5	-	-	-
Costing \$500 or more	586	537	-	-	49	35	12	1	-
Costing less than \$500	198	173	1	-	23	12	11	-	-
Cost not reported	146	133	-	2	11	8	2	-	-
Siding replaced or added not reported	158	101	-	-	57	24	22	10	1
Storm doors/windows bought and installed	1 887	1 584	4	11	289	150	138	1	-
Mostly done by household	971	799	-	6	186	88	77	1	-
Mostly done by others	881	747	4	5	106	51	55	-	-
Workers not reported	55	38	-	1	18	11	6	-	-
Costing \$500 or more	575	503	1	7	64	46	18	-	-
Costing less than \$500	1 067	892	2	3	199	98	102	1	-
Cost not reported	215	188	-	1	26	8	18	-	-
Storm doors/windows bought and installed not reported	187	125	-	-	62	23	28	10	1
Major equipment replaced or added	1 352	1 131	3	5	213	125	87	1	-
Mostly done by household	284	206	1	1	75	35	40	-	-
Mostly done by others	1 038	901	1	4	132	89	42	1	-
Workers not reported	31	24	-	1	6	2	4	-	-
Costing \$500 or more	1 017	881	3	2	131	93	37	1	-
Costing less than \$500	231	165	-	3	63	27	36	-	-
Cost not reported	104	84	-	1	19	5	14	-	-
Major equipment replaced or added not reported	151	102	-	-	49	24	14	10	1
Insulation added	1 112	918	1	3	190	109	80	1	-
Mostly done by household	646	502	1	1	142	72	69	1	-
Mostly done by others	419	380	-	1	37	27	10	-	-
Workers not reported	47	36	-	1	10	9	1	-	-
Costing \$500 or more	194	172	-	-	22	19	2	-	-
Costing less than \$500	632	518	-	2	112	49	62	-	-
Cost not reported	286	228	1	1	57	40	15	1	-
Insulation added not reported	189	125	-	-	63	28	25	10	1
Other major work ¹	2 365	1 905	3	10	447	315	131	1	-
Mostly done by household	920	700	1	4	214	136	78	1	-
Mostly done by others	1 356	1 137	1	5	212	159	53	-	-
Workers not reported	89	67	-	1	21	21	-	-	-
Other major work not reported	187	123	-	-	64	23	30	10	1
Government Subsidy for Repairs									
Units with major repairs the last 2 years ..	7 115	5 851	12	28	1 224	757	448	18	-
Received low-interest loan or grant	194	162	1	-	30	10	20	-	-
No low-interest loan or grant	6 760	5 569	9	28	1 154	723	412	18	-
Not reported	161	120	1	-	40	24	16	-	-

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

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

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

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	90 070	80 155	447	705	8 763	2 919	3 911	746	762	425
Occupancy Status										
Vacant and seasonals	7 937	5 796	35	61	2 045	679	847	168	210	140
Occupied	82 133	74 359	413	644	6 718	2 239	3 064	578	553	285
Tenure										
Owner occupied	52 839	48 624	281	191	3 542	861	2 225	204	164	87
Percent of all occupied	64.1	65.4	68.1	29.7	52.7	38.5	72.6	35.4	29.6	30.6
Renter occupied	29 495	25 735	132	452	3 176	1 378	838	373	389	198
Units in Structure										
1, detached	54 221	50 893	222	113	2 992	1 670	466	353	384	119
1, attached	3 771	3 544	29	16	182	78	10	43	35	16
2 to 4	10 038	8 879	164	393	802	421	64	149	119	48
5 to 9	3 938	3 512	15	52	359	196	17	51	63	33
10 to 19	4 151	3 778	8	35	332	163	19	45	46	59
20 to 49	3 191	2 935	7	34	214	94	4	28	35	53
50 or more	4 783	4 475	2	59	246	71	14	46	41	76
Mobile home or trailer (with no permanent room attached)	5 978	2 339	-	2	3 636	226	3 317	33	39	22
Condominiums										
Number of condominiums	2 454	2 426	2	6	20	3	2	2	4	9
Year Structure Built										
1979 to March 1980	3 108	2 725	3	15	365	59	260	6	22	17
1975 to 1978	8 837	7 767	14	24	1 031	142	822	29	21	16
1970 to 1974	11 781	10 233	20	11	1 517	198	1 196	57	43	22
1960 to 1969	17 937	16 338	37	70	1 492	312	882	96	110	91
1950 to 1959	15 664	14 408	79	92	1 085	450	342	117	102	74
1940 to 1949	9 882	8 829	61	99	893	475	142	89	134	52
1939 or earlier	22 861	19 855	233	393	2 380	1 281	266	351	329	152
Median	1957	1957	1940	1940	1959	1943	1971	1942	1943	1950
Duration of Vacancy										
Vacant units	6 206	4 570	31	50	1 554	568	560	154	185	86
Less than 1 month vacant	1 036	847	2	3	183	59	77	15	19	14
1 month up to 2 months	1 278	1 018	5	10	244	81	80	32	22	19
2 months up to 6 months	1 858	1 391	8	19	440	127	204	40	40	29
6 months up to 1 year	1 037	735	7	9	286	99	112	34	29	13
1 year up to 2 years	481	310	5	6	160	83	29	17	29	2
2 years or more	516	267	4	3	241	119	48	17	47	10
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	68 123	62 114	371	592	5 046	1 843	1 922	511	491	278
In central cities	29 916	27 356	175	364	2 021	996	248	263	344	170
Suburbs	38 207	34 758	197	228	3 024	847	1 674	248	147	109
Outside metropolitan statistical areas	21 947	18 040	76	113	3 718	1 076	1 989	235	271	147
Regions										
Northeast	19 569	18 050	182	252	1 105	391	325	162	120	107
Midwest	23 062	20 773	103	208	1 978	746	773	178	215	67
South	29 930	25 475	81	153	4 220	1 324	2 057	303	365	172
West	17 489	15 858	82	92	1 459	458	756	103	63	79
Urbanized Areas										
Inside urbanized areas	56 677	52 377	304	552	3 444	1 483	936	389	410	228
In central cities of (P)MSA's	29 533	26 997	171	364	2 001	992	242	258	340	170
Urban fringe	27 143	25 379	134	188	1 443	491	694	131	70	58
Outside urbanized areas	33 394	27 778	143	154	5 319	1 436	2 975	357	353	198
Other urban	11 869	10 369	70	98	1 332	453	559	150	74	97
Rural	21 524	17 409	73	56	3 987	983	2 416	208	279	101
Place Size¹										
Less than 2,500 persons	4 936	4 234	26	28	649	210	315	62	41	20
2,500 to 9,999 persons	9 810	8 667	72	86	985	260	509	106	40	70
10,000 to 19,999 persons	8 779	8 063	39	70	607	254	206	68	41	39
20,000 to 49,999 persons	12 480	11 585	83	91	721	329	226	85	55	26
50,000 to 99,999 persons	8 145	7 611	29	54	451	205	112	59	41	34
100,000 to 249,999 persons	7 125	6 626	34	58	407	208	80	38	47	34
250,000 to 499,999 persons	5 106	4 659	30	65	352	175	35	55	73	16
500,000 to 999,999 persons	4 437	4 076	36	74	251	114	31	40	54	12
1,000,000 persons or more	7 214	6 497	39	128	550	285	13	65	118	68

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

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

Table 1A-2. Size—All Housing Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	90 070	60 155	447	705	8 763	2 919	3 911	746	762	425
Stories in Structure										
1 to 3	85 498	75 952	442	631	8 473	2 828	3 911	687	703	343
4 to 6	2 532	2 302	3	32	194	68	-	37	50	39
7 or more	2 041	1 901	2	41	96	22	-	22	9	43
Rooms										
1 room	1 457	1 024	13	49	372	149	54	46	31	92
2 rooms	3 122	2 504	13	86	519	163	165	68	59	64
3 rooms	9 318	7 793	34	146	1 345	498	497	142	138	69
4 rooms	17 761	14 752	56	151	2 802	774	1 594	153	234	46
5 rooms	20 705	18 514	81	123	1 988	604	1 063	121	133	67
6 rooms	17 707	16 521	88	77	1 021	439	347	102	95	38
7 rooms	10 180	9 703	60	45	371	160	120	50	31	11
8 rooms	5 467	5 205	42	22	199	76	52	27	24	20
9 rooms or more	4 353	4 140	61	6	146	55	18	37	16	20
Median	5.1	5.3	5.8	4.0	4.3	4.3	4.3	4.3	4.1	3.3
Bedrooms										
None	1 893	1 406	14	55	418	156	63	54	40	104
1	13 702	11 610	59	272	1 761	719	503	227	193	119
2	29 681	25 295	117	223	4 045	1 129	2 256	251	319	90
3	33 112	30 803	131	119	2 059	728	974	139	141	77
4 or more	11 683	11 040	128	36	480	186	115	75	69	35
Median	2.5	2.8	2.8	1.6	2.0	2.0	2.1	1.9	2.0	1.4
Complete Bathrooms										
None	2 978	1 996	27	51	904	424	219	61	162	39
1	52 629	45 814	228	506	6 081	2 105	2 610	525	519	321
1 and one-half	13 018	12 179	53	54	733	168	463	64	25	12
2 or more	21 445	20 166	139	95	1 046	222	618	96	56	53

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS
Table 1A-3. Selected Equipment and Plumbing—All Housing Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	90 070	80 155	447	705	8 783	2 919	3 911	746	762	425
Kitchen										
With complete kitchen facilities	87 870	78 723	438	669	8 042	2 627	3 767	685	634	329
Air Conditioning										
With air conditioning	49 888	45 324	184	309	3 872	984	2 125	335	225	202
Central	24 691	23 045	38	81	1 529	255	969	131	60	94
1 room unit	17 125	15 013	88	190	1 836	557	938	139	121	80
2 room units or more	7 872	7 266	61	38	507	172	199	65	44	28
None	40 382	34 830	264	396	4 891	1 934	1 785	411	537	224
Main Heating Equipment										
Warm-air furnace	44 209	39 844	178	255	3 933	890	2 481	243	202	117
Steam or hot water system	15 423	14 118	147	258	900	407	58	183	138	134
Electric heat pump	3 258	3 051	5	5	197	34	120	17	5	21
Built-in electric units	7 193	6 598	19	36	541	150	224	69	45	52
Floor, wall or pipeless furnace	5 351	4 821	26	23	482	208	187	44	52	14
Room heaters with flue	6 587	5 432	27	67	1 061	461	367	106	81	45
Room heaters without flue	3 064	2 363	15	31	655	316	170	55	100	14
Portable heaters, fireplaces, stoves	4 171	3 340	21	23	787	337	286	38	108	16
None	813	588	10	6	208	118	35	10	32	12
Plumbing										
Complete plumbing for exclusive use	87 757	78 861	438	680	8 000	2 552	3 737	692	619	400
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	582	461	6	40	77	35	9	15	9	8
Some, but not all plumbing facilities	826	600	3	4	319	172	79	11	52	5
No plumbing facilities	806	433	3	1	368	160	86	28	83	12
Source of Water										
Public system or private company	78 190	68 890	397	676	6 227	2 248	2 436	616	567	382
Well serving 1 to 5 units	12 698	10 398	41	28	2 231	572	1 320	123	160	56
Drilled	10 844	9 043	32	25	1 844	442	1 135	98	120	49
Dug	1 754	1 355	10	3	387	130	185	24	40	7
Other	1 182	868	9	2	305	99	155	8	35	7

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

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

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	29 916	27 356	175	364	2 021	996	248	263	344	170
Occupancy Status										
Vacant and seasonals	2 119	1 617	21	33	449	258	26	66	60	39
Occupied	27 797	25 739	154	331	1 572	739	222	197	284	131
Tenure										
Owner occupied	13 643	13 008	94	87	454	186	150	42	53	23
Percent of all occupied	49.1	50.5	60.8	26.2	28.9	25.2	67.5	21.4	18.7	17.8
Renter occupied	14 154	12 731	60	244	1 118	552	72	155	231	107
Units in Structure										
1, detached	13 264	12 595	65	54	550	361	25	74	78	13
1, attached	1 935	1 780	22	13	120	58	2	21	25	14
2 to 4	5 312	4 625	67	197	424	226	4	71	91	32
5 to 9	1 993	1 751	6	31	205	102	5	29	51	18
10 to 19	2 012	1 810	8	15	179	99	2	20	41	16
20 to 49	1 821	1 674	5	21	121	69	-	11	24	17
50 or more	3 112	2 895	2	33	182	58	-	31	31	61
Mobile home or trailer (with no permanent room attached)	466	228	-	-	240	22	209	6	2	-
Condominiums										
Number of condominiums	869	862	-	-	7	-	-	2	2	3
Year Structure Built										
1979 to March 1980	749	711	1	3	34	9	18	-	5	2
1975 to 1978	1 818	1 726	5	7	80	11	53	7	4	5
1970 to 1974	2 866	2 708	10	-	148	38	71	18	9	12
1960 to 1969	5 370	5 104	9	32	226	76	49	38	39	24
1950 to 1959	5 353	4 973	19	51	309	176	31	26	60	16
1940 to 1949	4 052	3 645	29	37	340	193	11	41	68	27
1939 or earlier	9 708	8 489	101	233	884	493	15	134	159	84
Median	1952	1952	1940	1940	1943	1940	1971	1940	1942	1940
Duration of Vacancy										
Vacant units	2 067	1 577	21	33	438	255	22	66	60	34
Less than 1 month vacant	389	334	2	1	52	29	6	5	3	10
1 month up to 2 months	508	415	4	6	83	42	4	13	14	10
2 months up to 6 months	564	442	4	14	104	51	10	15	19	10
6 months up to 1 year	273	199	2	6	66	45	-	13	9	-
1 year up to 2 years	151	90	4	3	54	34	-	13	7	-
2 years or more	183	98	4	3	78	55	2	7	9	5
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	29 916	27 356	175	364	2 021	996	248	263	344	170
In central cities	29 916	27 356	175	364	2 021	996	248	263	344	170
Suburbs .....	...	...	...	...	...	...	...	...	...	...
Outside metropolitan statistical areas .....	...	...	...	...	...	...	...	...	...	...
Regions										
Northeast	6 986	6 384	71	126	406	179	6	72	87	61
Midwest	7 148	6 446	37	110	555	310	42	51	128	25
South	9 355	8 501	33	92	729	343	135	96	110	45
West	6 427	6 025	35	37	331	164	65	44	19	39
Urbanized Areas										
Inside urbanized areas	29 533	26 997	171	364	2 001	992	242	258	340	170
In central cities of (P)MSA's	29 533	26 997	171	364	2 001	992	242	258	340	170
Urban fringe .....	...	...	...	...	...	...	...	...	...	...
Outside urbanized areas	383	359	4	-	20	4	6	5	4	-
Other urban	356	335	4	-	17	4	5	4	4	-
Rural	27	24	-	-	3	-	1	1	-	-
Place Size¹										
Less than 2,500 persons	2	2	-	-	-	-	-	-	-	-
2,500 to 9,999 persons	-	-	-	-	-	-	-	-	-	-
10,000 to 19,999 persons	129	117	3	-	9	2	3	3	1	-
20,000 to 49,999 persons	2 757	2 543	18	17	179	89	37	28	18	12
50,000 to 99,999 persons	4 251	3 884	19	35	313	148	60	43	34	28
100,000 to 249,999 persons	6 028	5 588	29	44	387	184	69	32	47	34
250,000 to 499,999 persons	5 104	4 657	30	65	352	175	35	55	73	18
500,000 to 999,999 persons	4 431	4 089	38	74	251	114	31	40	54	12
1,000,000 persons or more	7 214	6 497	39	128	550	285	13	65	118	68

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

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS
Table 1B-2. Size—All Housing Units—In Central Cities

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	29 916	27 356	175	364	2 021	996	248	263	344	170
Stories in Structure										
1 to 3	26 416	24 165	169	313	1 769	913	248	213	293	102
4 to 6	1 921	1 725	3	23	169	65	-	28	42	34
7 or more	1 580	1 466	2	28	83	18	-	22	9	34
Rooms										
1 room	843	633	5	26	179	81	4	25	11	58
2 rooms	1 581	1 389	2	39	151	59	9	27	31	25
3 rooms	4 373	3 842	13	79	438	238	41	58	74	27
4 rooms	6 186	5 591	25	72	498	219	101	50	109	19
5 rooms	6 445	5 977	35	60	372	197	53	49	56	17
6 rooms	5 390	5 065	35	48	243	118	37	29	42	17
7 rooms	2 735	2 611	22	25	77	51	2	12	9	3
8 rooms	1 379	1 318	13	12	37	18	-	7	7	5
9 rooms or more	984	929	25	2	28	16	-	7	5	-
Median	4.8	4.9	5.7	4.0	4.0	4.0	4.2	3.9	4.0	2.6
Bedrooms										
None	1 106	875	5	30	196	83	4	30	16	63
1	8 757	5 961	22	141	634	343	35	95	113	49
2	9 936	9 057	42	111	726	322	150	86	142	27
3	9 157	8 694	58	61	344	192	52	33	45	21
4 or more	2 959	2 769	48	21	121	56	7	20	29	10
Median	2.2	2.3	2.8	1.8	1.7	1.7	2.1	1.6	1.8	.9
Complete Bathrooms										
None	794	597	9	18	170	90	3	25	33	20
1	19 849	17 858	98	263	1 599	809	177	196	285	131
1 and one-half	3 660	3 499	20	28	112	55	25	22	3	7
2 or more	5 613	5 371	48	54	140	42	42	20	23	12

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS
Table 1B-3. Selected Equipment and Plumbing—All Housing Units—In Central Cities

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	29 916	27 356	175	364	2 021	996	248	263	344	170
Kitchen										
With complete kitchen facilities	29 252	26 892	173	350	1 837	915	243	239	318	123
Air Conditioning										
With air conditioning	16 778	15 752	56	164	807	323	174	127	109	74
Central	8 064	7 731	12	43	277	80	83	49	31	33
1 room unit	5 901	5 392	19	98	391	173	75	47	62	34
2 room units or more	2 814	2 626	25	22	139	70	16	30	16	7
None	13 137	11 604	119	200	1 214	673	74	138	235	96
Main Heating Equipment										
Warm-air furnace	13 608	12 751	71	129	657	297	166	62	99	33
Steam or hot water system	7 369	6 610	56	148	554	269	5	82	114	84
Electric heat pump	888	849	-	-	36	11	13	11	-	3
Built-in electric units	1 927	1 790	2	7	128	43	6	30	28	22
Floor, wall or pipeless furnace	2 006	1 878	11	5	115	61	9	13	26	5
Room heaters with flue	2 266	1 962	15	45	245	137	22	37	35	14
Room heaters without flue	1 034	829	9	22	173	97	20	19	34	2
Portable heaters, fireplaces, stoves	526	448	4	7	66	48	7	5	2	4
None	292	241	6	-	46	34	-	4	5	2
Plumbing										
Complete plumbing for exclusive use	29 359	26 959	169	349	1 884	922	248	241	318	155
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	312	248	3	15	45	24	-	9	5	7
Some, but not all plumbing facilities	165	111	1	-	53	29	-	7	17	-
No plumbing facilities	80	38	2	-	39	20	-	7	4	8
Source of Water										
Public system or private company	29 680	27 157	175	361	1 987	983	235	260	339	170
Well serving 1 to 5 units	232	196	-	3	32	13	10	4	5	-
Drilled	206	182	-	3	23	9	8	4	2	-
Dug	24	15	-	-	10	5	2	-	3	-
Other	4	2	-	-	2	-	2	-	-	-

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

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

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			Other
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	
Total	38 207	34 758	197	228	3 024	847	1 674	248	147	109
Occupancy Status										
Vacant and seasonals	2 751	2 192	7	18	533	130	298	42	32	32
Occupied	35 457	32 566	190	210	2 491	717	1 376	206	115	77
Tenure										
Owner occupied	25 164	23 424	137	72	1 531	307	1 045	97	51	32
Percent of all occupied	71.0	71.9	72.2	34.2	61.5	42.9	75.9	47.0	44.0	41.2
Renter occupied	10 293	9 142	53	138	960	409	332	109	64	45
Units in Structure										
1, detached	25 244	24 059	122	51	1 013	576	162	140	95	39
1, attached	1 469	1 429	5	-	35	8	5	15	5	3
2 to 4	3 152	2 818	67	108	159	82	19	35	13	9
5 to 9	1 457	1 365	-	11	81	45	9	12	7	8
10 to 19	1 815	1 530	-	18	68	32	3	16	2	15
20 to 49	1 084	1 022	3	12	47	14	-	8	6	19
50 or more	1 427	1 358	-	27	42	8	9	11	6	7
Mobile home or trailer (with no permanent room attached)	2 758	1 177	-	2	1 579	82	1 466	10	13	8
Condominiums										
Number of condominiums	1 351	1 339	-	6	6	3	-	-	2	2
Year Structure Built										
1979 to March 1980	1 559	1 426	2	12	119	11	98	2	2	6
1975 to 1978	4 455	4 022	8	13	413	42	352	11	2	6
1970 to 1974	5 870	5 182	10	9	669	84	539	24	19	3
1960 to 1969	8 927	8 247	23	32	624	123	420	22	29	31
1950 to 1959	7 329	6 840	57	28	404	152	159	47	16	31
1940 to 1949	3 586	3 280	25	34	247	140	47	28	26	6
1939 or earlier	6 481	5 762	72	100	548	295	59	114	54	26
Median	1961	1961	1950	1942	1964	1949	1972	1943	1947	1956
Duration of Vacancy										
Vacant units	2 235	1 784	4	12	435	103	237	40	32	23
Less than 1 month vacant	379	336	-	1	42	10	23	3	4	7
1 month up to 2 months	531	425	-	4	101	17	61	16	-	3
2 months up to 6 months	687	531	-	4	152	30	90	10	10	12
6 months up to 1 year	367	283	4	1	79	17	49	11	2	-
1 year up to 2 years	157	129	-	1	27	14	6	-	6	-
2 years or more	114	80	-	-	35	14	9	-	10	2
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	38 207	34 758	197	228	3 024	847	1 674	248	147	109
In central cities .....	...	...	...	...	...	...	...	...	...	...
Suburbs	38 207	34 758	197	228	3 024	847	1 674	248	147	109
Outside metropolitan statistical areas .....	...	...	...	...	...	...	...	...	...	...
Regions										
Northeast	9 956	9 389	87	106	375	110	159	61	22	23
Midwest	8 649	8 054	39	52	504	152	284	40	18	10
South	11 879	10 004	29	36	1 611	404	942	120	90	54
West	7 923	7 312	42	35	534	180	289	27	17	22
Urbanized Areas										
Inside urbanized areas	26 502	24 830	131	170	1 372	462	664	124	64	58
In central cities of (P)MSA's .....	...	...	...	...	...	...	...	...	...	...
Urban fringe	26 502	24 830	131	170	1 372	462	664	124	64	58
Outside urbanized areas	11 705	9 929	65	59	1 653	385	1 011	124	64	58
Other urban	3 156	2 785	21	34	317	90	143	44	25	16
Rural	8 549	7 144	45	25	1 336	295	868	80	59	35
Place Size¹										
Less than 2,500 persons	1 794	1 578	11	11	195	56	103	18	11	6
2,500 to 9,999 persons	6 039	5 475	44	53	467	117	249	61	19	21
10,000 to 19,999 persons	5 707	5 321	34	47	305	124	118	27	26	10
20,000 to 49,999 persons	7 534	7 140	47	49	297	123	98	38	27	11
50,000 to 99,999 persons	3 894	3 727	10	19	138	58	52	18	7	6
100,000 to 248,999 persons	1 097	1 038	5	14	41	24	11	6	-	-
250,000 to 499,999 persons	2	2	-	-	-	-	-	-	-	-
500,000 to 999,999 persons	7	7	-	-	-	-	-	-	-	-
1,000,000 persons or more	-	-	-	-	-	-	-	-	-	-

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

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS:
Table 1C-2. Size—All Housing Units—Suburbs

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			Other
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	
Total	38 207	34 758	197	228	3 024	847	1 674	248	147	109
Stories in Structure										
1 to 3	37 287	33 858	197	208	3 005	844	1 674	239	143	105
4 to 6	547	520	-	7	20	3	-	9	4	4
7 or more	393	380	-	13	-	-	-	-	-	-
Rooms										
1 room	355	260	3	14	78	30	19	8	9	12
2 rooms	985	782	9	41	173	49	73	21	4	28
3 rooms	3 142	2 701	10	43	388	123	190	38	26	12
4 rooms	6 855	5 754	22	40	1 040	235	704	49	38	14
5 rooms	8 624	7 852	33	41	699	158	464	38	28	13
6 rooms	7 903	7 461	45	20	377	161	146	41	22	8
7 rooms	5 041	4 874	20	17	130	46	53	18	8	5
8 rooms	2 921	2 800	28	10	84	30	23	21	9	3
9 rooms or more	2 381	2 298	27	4	54	16	4	13	7	14
Median	5.4	5.5	6.0	3.9	4.3	4.4	4.3	4.7	4.5	3.7
Bedrooms										
None	480	366	4	17	94	33	25	8	9	19
1	4 580	3 938	21	96	525	190	214	67	23	30
2	11 837	10 253	53	59	1 472	344	969	76	59	25
3	15 285	14 413	59	43	770	210	438	66	39	18
4 or more	6 026	5 788	61	14	164	69	29	32	18	17
Median	2.6	2.7	2.9	1.5	2.1	2.1	2.1	2.1	2.2	1.7
Complete Bathrooms										
None	753	527	5	19	202	110	51	11	19	10
1	19 043	16 822	87	154	1 981	576	1 074	162	91	79
1 and one-half	6 473	6 112	23	17	320	55	227	26	13	-
2 or more	11 938	11 297	81	38	521	108	323	49	24	20

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS
Table 1C-3. Selected Equipment and Plumbing—All Housing Units—Suburbs

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	38 207	34 758	197	226	3 024	647	1 674	248	147	109
Kitchen										
With complete kitchen facilities	37 619	34 342	194	213	2 870	770	1 643	233	134	91
Air Conditioning										
With air conditioning	22 815	21 013	89	112	1 601	315	1 061	122	52	51
Central	12 379	11 554	22	33	770	100	552	61	14	43
1 room unit	6 824	6 067	41	66	650	158	418	44	28	3
2 room units or more	3 612	3 392	26	13	181	57	91	17	11	6
None	15 392	13 745	108	116	1 423	531	614	126	95	57
Main Heating Equipment										
Warm-air furnace	20 737	18 950	85	79	1 622	276	1 156	109	49	32
Steam or hot water system	6 275	5 810	68	90	207	83	16	61	15	32
Electric heat pump	1 687	1 578	5	2	83	13	55	6	2	6
Built-in electric units	3 017	2 838	12	22	147	30	87	12	8	10
Floor, wall or pipeless furnace	1 995	1 814	10	13	158	78	70	5	3	2
Room heaters with flue	1 959	1 628	6	11	316	138	129	23	14	13
Room heaters without flue	869	683	2	—	184	86	56	18	15	10
Portable heaters, fireplaces, stoves	1 363	1 104	5	8	246	99	94	12	37	4
None	324	256	4	3	62	44	11	2	5	—
Plumbing										
Complete plumbing for exclusive use	37 651	34 367	194	212	2 878	757	1 639	241	133	107
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	180	149	2	15	13	7	3	3	—	—
Some, but not all plumbing facilities	206	156	—	—	50	28	16	—	4	2
No plumbing facilities	171	86	—	1	83	54	16	3	11	—
Source of Water										
Public system or private company	31 922	29 460	160	213	2 089	589	1 125	191	102	82
Well serving 1 to 5 units	5 964	5 046	31	15	873	237	517	56	39	23
Drilled	5 283	4 486	28	12	756	205	455	44	33	19
Dug	682	560	3	3	116	32	62	12	7	3
Other	321	252	6	—	63	21	32	—	6	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 1991	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
Total	21 947	18 040	76	113	3 718	1 076	1 989	235	271	147
Occupancy Status										
Vacant and seasonals	3 067	1 987	8	10	1 062	292	523	61	117	69
Occupied	18 880	16 054	68	103	2 655	784	1 465	175	154	78
Tenure										
Owner occupied	13 832	12 182	50	33	1 557	368	1 031	65	60	32
Percent of all occupied	73.3	75.9	73.0	31.8	58.8	46.9	70.4	37.5	39.0	41.5
Renter occupied	5 048	3 861	18	70	1 099	416	434	109	94	45
Units in Structure										
1, detached	15 713	14 240	35	8	1 429	733	279	139	211	67
1, attached	367	335	2	3	27	12	2	7	5	—
2 to 4	1 573	1 237	30	88	218	113	40	43	15	7
5 to 9	487	395	8	11	73	48	3	10	4	7
10 to 19	524	437	—	3	85	33	14	8	2	28
20 to 49	286	239	—	—	46	11	4	9	6	17
50 or more	244	222	—	—	22	4	4	3	3	8
Mobile home or trailer (with no permanent room attached)	2 753	935	—	—	1 817	123	1 642	16	24	13
Condominiums										
Number of condominiums	234	225	2	—	6	—	2	—	—	4
Year Structure Built										
1979 to March 1980	800	589	—	—	212	39	144	4	16	9
1975 to 1978	2 564	2 020	1	5	538	89	418	12	15	5
1970 to 1974	3 045	2 343	—	2	701	76	586	15	15	8
1960 to 1969	3 640	2 987	5	6	642	113	413	37	42	36
1950 to 1959	2 983	2 594	2	14	372	122	153	44	26	27
1940 to 1949	2 243	1 904	8	27	305	143	83	20	40	19
1939 or earlier	6 672	5 605	59	60	948	494	192	104	116	42
Median	1956	1955	1940	1940	1962	1942	1971	1946	1943	1953
Duration of Vacancy										
Vacant units	1 903	1 209	6	6	681	210	301	49	92	28
Less than 1 month vacant	287	178	—	—	89	20	47	7	13	2
1 month up to 2 months	239	178	1	—	60	22	25	7	8	2
2 months up to 6 months	608	419	3	2	184	46	105	15	11	7
6 months up to 1 year	397	253	1	—	141	37	63	10	19	13
1 year up to 2 years	173	82	1	2	79	35	24	3	14	2
2 years or more	219	90	—	—	129	50	38	10	28	3
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas .....	...	...	...	...	...	...	...	...	...	...
In central cities .....	...	...	...	...	...	...	...	...	...	...
Suburbs .....	...	...	...	...	...	...	...	...	...	...
Outside metropolitan statistical areas	21 947	18 040	76	113	3 718	1 076	1 989	235	271	147
Regions										
Northeast	2 647	2 277	25	21	324	101	159	29	11	23
Midwest	7 266	6 273	27	47	919	284	447	87	69	33
South	8 896	6 971	20	25	1 880	577	980	86	165	72
West	3 139	2 520	5	20	594	113	403	33	27	19
Urbanized Areas										
Inside urbanized areas .....	...	...	...	...	...	...	...	...	...	...
In central cities of (P)MSA's .....	...	...	...	...	...	...	...	...	...	...
Urban fringe	641	550	2	18	71	29	31	6	6	—
Outside urbanized areas	21 306	17 491	74	95	3 646	1 047	1 958	229	265	147
Other urban	8 358	7 249	46	64	998	359	412	102	45	81
Rural	12 948	10 241	28	31	2 648	688	1 546	127	220	66
Place Size¹										
Less than 2,500 persons	3 140	2 654	15	18	454	154	212	44	30	14
2,500 to 9,999 persons	3 772	3 192	29	33	518	143	259	46	21	50
10,000 to 19,999 persons	2 942	2 625	2	23	292	128	85	38	14	28
20,000 to 49,999 persons	2 190	1 902	17	25	245	118	91	22	13	3
50,000 to 99,999 persons	—	—	—	—	—	—	—	—	—	—
100,000 to 249,999 persons	—	—	—	—	—	—	—	—	—	—
250,000 to 499,999 persons	—	—	—	—	—	—	—	—	—	—
500,000 to 999,999 persons	—	—	—	—	—	—	—	—	—	—
1,000,000 persons or more	—	—	—	—	—	—	—	—	—	—

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

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

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

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	21 947	18 040	76	113	3 718	1 076	1 989	235	271	147
Stories In Structure										
1 to 3	21 815	17 929	76	111	3 700	1 072	1 989	235	268	136
4 to 6	84	56	-	3	5	-	-	-	3	2
7 or more	67	55	-	-	13	4	-	-	-	9
Rooms										
1 room	259	131	5	9	114	38	30	13	12	22
2 rooms	556	353	2	7	195	56	84	20	24	12
3 rooms	1 804	1 250	11	25	518	137	267	46	39	30
4 rooms	4 720	3 407	9	39	1 285	320	789	54	88	13
5 rooms	5 636	4 685	13	22	916	249	546	34	51	36
6 rooms	4 414	3 995	8	9	402	161	164	32	32	13
7 rooms	2 404	2 218	18	3	164	63	65	19	13	3
8 rooms	1 167	1 087	1	-	78	28	30	-	8	13
9 rooms or more	988	914	9	-	65	23	14	17	4	6
Median	5.1	5.3	5.4	3.9	4.3	4.5	4.3	4.2	4.2	4.3
Bedrooms										
None	307	185	5	9	128	40	34	16	16	22
1	2 385	1 711	17	35	802	185	253	66	57	41
2	7 907	5 988	22	53	1 846	482	1 137	90	119	38
3	8 670	7 696	14	14	948	327	485	40	56	38
4 or more	2 698	2 482	19	2	195	61	79	23	23	8
Median	2.5	2.7	2.3	1.7	2.1	2.2	2.1	1.9	2.0	1.8
Complete Bathrooms										
None	1 431	871	14	13	532	223	165	25	110	9
1	13 738	11 105	42	89	2 501	720	1 359	167	143	112
1 and one-half	2 886	2 587	10	8	300	58	211	16	10	5
2 or more	3 894	3 497	10	3	384	74	253	27	9	21

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS
Table 1D-3. Selected Equipment and Plumbing—All Housing Units—Outside Metropolitan Statistical Areas

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	21 947	18 040	76	113	3 718	1 076	1 989	235	271	147
Kitchen										
With complete kitchen facilities	20 999	17 489	70	106	3 335	943	1 881	213	182	115
Air Conditioning										
With air conditioning	10 094	8 559	39	33	1 463	346	891	86	64	76
Central	4 249	3 760	3	5	481	74	353	20	15	18
1 room unit	4 400	3 554	26	25	795	227	445	48	31	44
2 room units or more	1 446	1 246	10	3	187	44	92	18	18	15
None	11 853	9 481	37	80	2 255	730	1 098	149	207	71
Main Heating Equipment										
Warm-air furnace	9 865	8 143	22	46	1 654	317	1 160	71	54	52
Steam or hot water system	1 780	1 598	23	19	139	55	37	20	9	18
Electric heat pump	703	624	-	3	76	10	52	-	2	12
Built-in electric units	2 249	1 972	4	8	266	77	131	28	10	20
Floor, wall or pipeless furnace	1 350	1 130	5	5	209	66	88	25	22	7
Room heaters with flue	2 362	1 845	6	11	500	187	216	47	32	17
Room heaters without flue	1 161	850	4	9	299	133	94	18	51	2
Portable heaters, fireplaces, stoves	2 282	1 787	11	8	476	190	187	22	69	8
None	196	92	-	4	100	41	24	4	21	10
Plumbing										
Complete plumbing for exclusive use	20 747	17 336	73	100	3 238	872	1 850	210	168	138
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	90	63	-	9	18	3	6	3	4	1
Some, but not all plumbing facilities	555	333	2	4	216	115	63	5	31	3
No plumbing facilities	555	308	1	-	245	85	70	18	68	4
Source of Water										
Public system or private company	14 589	12 273	63	102	2 151	676	1 076	165	126	109
Well serving 1 to 5 units	6 502	5 156	10	10	1 326	321	792	63	116	34
Drilled	5 453	4 375	3	10	1 065	228	672	50	85	30
Dug	1 048	781	7	-	260	93	120	13	31	4
Other	857	612	3	2	240	78	121	8	29	4

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

Table 2-1. Introductory Characteristics—Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	62 133	74 359	413	644	6 718	2 239	3 064	578	553	285
Tenure										
Owner occupied	52 639	48 824	281	191	3 542	861	2 225	204	164	87
Percent of all occupied	84.1	65.4	68.1	29.7	52.7	38.5	72.6	35.4	29.6	30.6
Renter occupied	29 495	25 735	132	452	3 176	1 378	838	373	389	198
Race and Origin¹										
White	70 618	64 268	351	530	5 469	1 606	2 842	505	280	236
Non-Hispanic	68 311	62 157	333	522	5 298	1 510	2 798	502	263	225
Hispanic	2 307	2 111	18	7	171	96	45	3	17	11
Black	8 473	7 346	49	94	984	502	148	60	241	33
Other	3 042	2 745	12	20	265	131	73	13	32	18
Total Hispanic	4 004	3 610	23	30	341	187	80	9	44	21
Units in Structure										
1, detached	50 440	47 844	211	108	2 279	1 299	356	272	278	74
1, attached	3 476	3 292	23	16	144	58	10	38	22	18
2 to 4	9 081	7 963	148	364	605	312	48	116	91	39
5 to 9	3 535	3 210	14	44	287	156	12	39	46	15
10 to 19	3 618	3 339	8	32	237	118	14	28	37	41
20 to 49	2 772	2 597	5	24	146	66	2	26	28	24
50 or more	4 293	4 032	2	55	203	62	14	36	29	63
Mobile home or trailer (with no permanent room attached)	4 821	2 083	-	2	2 836	167	2 611	23	22	12
Condominiums										
Number of condominiums	1 879	1 858	2	6	12	3	2	-	4	3
Year Structure Built										
1979 to March 1980	2 332	2 036	3	15	278	42	208	5	14	10
1975 to 1978	7 969	7 126	14	23	806	111	656	22	11	5
1970 to 1974	10 569	9 371	20	7	1 171	157	934	40	22	19
1960 to 1969	16 493	15 279	35	63	1 117	236	692	66	73	50
1950 to 1959	14 663	13 675	70	89	830	337	268	95	77	52
1940 to 1949	9 140	8 300	55	86	698	367	110	72	113	36
1939 or earlier	20 967	18 573	215	360	1 819	988	195	279	244	113
Median	1957	1957	1940	1940	1958	1943	1972	1941	1942	1947
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	63 253	58 305	344	541	4 063	1 455	1 598	403	399	208
In central cities	27 797	25 739	154	331	1 572	739	222	197	284	131
Suburbs	35 457	32 566	190	210	2 491	717	1 376	206	115	77
Outside metropolitan statistical areas	18 880	16 054	68	103	2 655	784	1 465	175	154	78
Regions										
Northeast	17 991	16 795	159	230	806	277	242	130	88	70
Midwest	21 132	19 387	101	195	1 450	544	583	124	157	42
South	28 977	23 487	74	144	3 271	1 030	1 832	237	269	104
West	16 034	14 690	77	75	1 191	388	606	88	39	69
Urbanized Areas										
Inside urbanized areas	53 091	49 509	279	510	2 794	1 176	797	302	337	181
In central cities of (P)MSA's	27 451	25 410	152	331	1 659	734	217	194	282	131
Urban fringe	25 640	24 099	127	179	1 235	442	580	108	54	51
Outside urbanized areas	29 042	24 650	134	134	3 925	1 083	2 266	276	216	104
Other urban	10 879	9 671	85	89	1 054	367	456	124	43	64
Rural	18 164	15 179	69	45	2 871	696	1 811	151	173	39
Place Size²										
Less than 2,500 persons	4 387	3 849	26	20	493	155	257	42	30	9
2,500 to 9,999 persons	8 978	8 049	68	79	782	217	402	62	30	41
10,000 to 19,999 persons	8 222	7 819	34	62	507	211	174	55	30	36
20,000 to 49,999 persons	11 747	10 964	78	87	619	280	212	71	34	23
50,000 to 99,999 persons	7 685	7 249	24	54	358	149	97	46	39	28
100,000 to 249,999 persons	6 679	6 259	32	53	335	176	73	27	38	21
250,000 to 499,999 persons	4 723	4 371	28	54	270	124	31	39	63	14
500,000 to 999,999 persons	4 134	3 839	33	71	190	78	29	30	45	9
1,000,000 persons or more	6 753	6 188	34	118	416	212	11	48	61	53

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

²Figures will not add to total, because all units are not in Places.

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS
Table 2-2. Size—Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	82 133	74 359	413	644	6 718	2 239	3 064	576	553	285
Stories in Structure										
1 to 3	78 025	70 538	409	574	6 504	2 171	3 064	531	512	226
4 to 6	2 278	2 115	1	28	134	54	-	28	31	21
7 or more	1 830	1 708	2	41	80	14	-	20	9	38
Rooms										
1 room	1 155	854	11	39	250	103	30	35	17	66
2 rooms	2 638	2 230	11	72	328	103	96	45	43	38
3 rooms	7 924	6 812	28	137	948	370	327	112	101	37
4 rooms	15 494	13 143	47	139	2 165	574	1 287	119	154	31
5 rooms	19 090	17 293	79	114	1 604	477	862	94	103	48
6 rooms	16 867	15 685	80	74	829	366	284	88	64	27
7 rooms	9 775	9 369	55	43	309	136	99	38	31	5
8 rooms	5 201	4 965	41	22	174	69	46	21	22	16
9 rooms or more	4 188	4 008	61	5	114	41	13	27	16	17
Median	5.2	5.3	5.9	4.0	4.3	4.4	4.3	4.3	4.2	3.5
Bedrooms										
None	1 529	1 192	12	46	279	110	30	41	22	77
1	11 824	10 402	52	244	1 226	517	323	172	156	58
2	26 264	22 870	102	207	3 104	853	1 796	189	198	67
3	31 277	29 322	120	114	1 721	612	826	117	114	52
4 or more	11 120	10 574	126	33	387	146	89	59	62	30
Median	2.5	2.6	2.8	1.7	2.1	2.1	2.2	1.9	2.0	1.6
Complete Bathrooms										
None	2 068	1 501	24	46	527	270	116	29	86	27
1	47 819	42 237	197	458	4 727	1 654	2 046	423	399	204
1 and one-half	12 244	11 568	52	49	576	137	363	45	23	9
2 or more	20 173	19 056	139	90	888	178	539	81	45	46

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

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

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	82 133	74 359	413	644	6 718	2 239	3 064	578	553	285
Kitchen										
With complete kitchen facilities	80 677	73 310	406	612	6 349	2 061	2 996	551	498	223
Air Conditioning										
With air conditioning	46 346	42 741	179	287	3 139	780	1 785	276	186	132
Central	22 687	21 335	36	77	1 238	213	820	99	44	63
1 room unit	16 107	14 386	82	176	1 463	432	767	119	102	42
2 room units or more	7 552	7 020	61	33	438	135	178	58	40	27
None	35 788	31 618	233	357	3 580	1 459	1 298	302	367	153
Main Heating Equipment										
Warm-air furnace	40 991	37 423	170	240	3 157	693	2 043	188	147	86
Steam or hot water system	14 441	13 382	132	234	693	310	40	139	101	104
Electric heat pump	2 853	2 711	5	5	132	25	79	16	5	8
Built-in electric units	6 358	5 936	18	33	371	102	155	53	35	26
Floor, wall or pipeless furnace	4 978	4 564	24	20	371	162	125	36	41	8
Room heaters with flue	5 862	4 933	25	59	845	387	285	70	68	36
Room heaters without flue	2 717	2 159	11	31	515	242	139	48	76	9
Portable heaters, fireplaces, stoves	3 445	2 838	17	21	571	267	193	30	74	6
None	489	416	10	-	63	51	5	-	5	2
Plumbing										
Complete plumbing for exclusive use	80 574	73 280	404	603	6 287	2 014	2 978	552	479	265
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	545	440	6	35	64	30	9	11	7	7
Some, but not all plumbing facilities	585	393	3	4	185	106	36	4	36	3
No plumbing facilities	429	246	-	1	182	89	41	10	31	10
Source of Water										
Public system or private company	70 389	64 522	365	617	4 885	1 736	1 977	485	436	251
Well serving 1 to 5 units	10 834	9 214	39	25	1 657	446	980	93	108	31
Drilled	9 441	8 030	30	23	1 358	340	831	77	85	25
Dug	1 493	1 183	9	2	299	106	149	16	23	6
Other	810	623	9	2	176	57	106	-	9	4
Telephone										
Telephone (in housing unit)	76 561	70 368	389	539	5 264	1 724	2 471	485	354	230
No telephone (in housing unit)	5 573	3 991	23	105	1 454	515	592	92	199	55
Cars and Trucks Available¹										
No cars, trucks or vans	10 829	9 253	65	188	1 323	606	267	116	223	110
Other households without cars	1 471	1 187	12	9	263	70	137	32	13	10
1 car with or without trucks or vans	38 258	34 340	183	322	3 413	1 015	1 792	288	209	110
2 cars	24 761	23 162	107	116	1 376	433	700	110	94	39
3 or more cars	6 816	6 417	48	9	343	116	167	32	13	16
With cars, no trucks or vans	51 120	47 025	253	382	3 460	1 092	1 690	335	226	116
1 truck or van with or without cars	18 024	16 145	85	64	1 730	481	991	112	99	47
2 or more trucks or vans	2 161	1 936	10	9	206	60	116	14	5	12

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

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

Table 2-4. Fuels—Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	82 133	74 359	413	644	6 718	2 239	3 064	578	553	285
Main House Heating Fuel										
Housing units with heating fuel	81 644	73 943	403	644	6 655	2 188	3 059	578	547	283
Electricity	14 802	13 429	34	53	1 086	254	613	111	62	46
Piped gas	45 277	41 659	234	391	2 993	1 158	1 110	290	303	131
Bottled, tank, or LP gas	3 865	2 800	3	6	1 055	237	714	31	47	26
Fuel oil, kerosene, or other liquid fuel	15 138	13 726	120	177	1 114	366	486	125	73	64
Coal or coke	473	397	2	3	72	33	22	6	9	2
Wood	2 107	1 782	9	7	309	134	111	14	48	2
Other fuel	182	149	-	7	25	7	2	-	5	12
Cooking Fuel										
With cooking fuel	81 970	74 275	413	627	6 655	2 219	3 064	576	543	254
Electricity	42 129	39 495	170	195	2 288	748	1 009	268	139	103
Piped gas	34 335	30 908	213	409	2 805	1 088	1 029	256	324	107
Bottled, tank, or LP gas	5 129	3 563	27	20	1 519	342	1 017	52	69	40
Fuel oil, kerosene, or other liquid fuel	154	140	1	3	11	5	2	-	-	4
Coal or coke	38	38	-	-	-	-	-	-	-	-
Wood	157	112	2	-	44	28	6	-	9	-
Other fuel	28	19	-	-	9	7	-	-	2	-
Water Heating Fuel										
With hot piped water	82 133	74 359	413	644	6 718	2 239	3 064	578	553	285
Electricity	26 179	23 234	93	109	2 744	869	1 692	183	119	81
Piped gas	44 785	41 504	234	403	2 645	1 111	833	277	297	127
Bottled, tank, or LP gas	3 470	2 680	14	13	763	194	459	40	47	23
Fuel oil, kerosene, or other liquid fuel	6 794	6 327	69	111	287	120	22	68	39	39
Coal or coke	119	104	-	2	13	9	2	-	-	2
Wood	122	94	3	2	23	14	2	-	7	-
Other fuel	133	117	-	-	17	9	2	-	3	3
No fuel used	531	300	-	4	228	113	52	10	41	10

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

Table 2-5. Household Composition—Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			Other
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	
Total	82 133	74 359	413	644	6 718	2 239	3 064	578	553	285
Persons										
1 person	18 736	16 366	89	265	2 016	648	836	237	179	116
2 persons	25 852	23 666	121	199	1 867	637	870	160	129	71
3 persons	14 365	13 097	70	70	1 128	340	632	50	71	35
4 persons	12 261	11 375	49	64	773	251	372	58	60	32
5 persons	6 455	5 866	30	19	539	199	218	45	58	19
6 persons	2 672	2 446	15	12	200	68	83	15	31	2
7 persons or more	1 793	1 543	39	15	195	96	52	14	24	10
Median	2.4	2.4	2.5	1.8	2.2	2.2	2.3	1.8	2.3	1.9
Age of Householder										
Under 25 years	6 569	5 452	22	94	1 001	309	537	60	54	41
25 to 29	9 423	8 320	33	95	975	281	467	78	109	40
30 to 34	9 452	8 608	29	62	753	235	359	77	57	24
35 to 44	13 994	12 883	79	76	956	323	442	85	63	42
45 to 54	12 603	11 636	66	64	837	295	357	77	65	23
55 to 64	13 103	12 090	85	83	844	271	390	72	72	40
65 to 74	10 472	9 534	46	80	812	311	336	63	61	40
75 years and over	6 518	5 836	52	89	541	212	176	65	53	35
Median	46	47	51	44	42	44	39	44	44	44
Household Composition by Age of Householder										
2-or-more person households	63 398	57 993	324	378	4 702	1 591	2 227	341	373	169
Married-couple families, no nonrelatives	49 153	45 453	201	252	3 247	973	1 765	219	202	89
Under 25 years	2 831	2 258	6	34	533	130	350	14	23	15
25 to 30 years	4 856	4 456	14	48	538	145	314	19	40	20
30 to 34 years	6 095	5 648	11	23	413	114	235	25	33	7
35 to 44 years	9 784	9 194	50	32	508	170	260	44	24	10
45 to 64 years	17 332	16 381	85	76	790	244	398	78	48	21
65 years and over	7 656	7 117	35	39	468	170	208	38	34	16
Other male householder	4 428	3 854	37	45	492	140	222	41	58	31
Under 45 years	2 933	2 568	21	32	312	151	101	26	13	20
45 to 64 years	1 051	910	7	7	127	49	26	15	27	9
65 years and over	443	376	8	5	54	22	13	-	17	3
Other female householder	9 817	8 886	86	81	963	397	323	81	114	48
Under 45 years	5 771	5 040	42	56	633	229	224	65	81	34
45 to 64 years	2 621	2 365	28	17	212	75	107	6	20	5
65 years and over	1 425	1 281	16	9	119	61	24	11	13	10
1-person households	18 736	16 366	89	265	2 016	648	836	237	179	116
Male householder	7 162	5 949	32	109	1 072	355	410	137	115	55
Under 45 years	3 915	3 310	6	65	534	150	219	79	54	32
45 to 64 years	1 715	1 409	12	20	275	107	87	28	35	18
65 years and over	1 532	1 230	14	24	263	98	105	30	25	5
Female householder	11 574	10 416	57	157	944	293	426	100	65	61
Under 45 years	2 653	2 390	12	37	214	61	103	28	14	9
45 to 64 years	2 986	2 660	19	28	279	60	160	22	27	10
65 years and over	5 934	5 366	25	92	452	173	163	50	24	41
Years of School Completed by Householder										
No school years completed	644	552	7	7	78	32	28	2	17	-
Elementary:										
less than 8 years	7 542	6 416	47	54	1 026	442	359	61	126	38
8 years	6 774	5 970	46	54	705	256	321	56	59	13
High school:										
1 to 3 years	12 502	10 992	50	129	1 330	461	619	97	107	46
4 years	26 192	23 669	147	199	2 185	609	1 159	176	158	84
College:										
1 to 3 years	13 585	12 577	52	84	872	296	394	88	48	46
4 years or more	14 894	14 184	63	127	521	145	183	97	37	58
Median	12.5	12.6	12.4	12.4	12.1	11.5	12.2	12.4	11.1	12.5

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

Table 2-6. Financial Characteristics—Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	82 133	74 359	413	644	6 718	2 239	3 064	578	553	285
Household Income										
Less than \$5,000	10 953	9 121	54	140	1 638	608	596	143	206	84
\$5,000 to \$9,999	13 333	11 503	72	160	1 599	588	699	147	97	69
\$10,000 to \$14,999	12 391	11 022	65	118	1 185	344	590	101	94	56
\$15,000 to \$19,999	11 819	10 745	55	61	957	288	524	60	65	21
\$20,000 to \$24,999	10 222	9 544	50	45	583	180	301	44	41	16
\$25,000 to \$29,999	7 371	7 015	26	35	294	74	164	26	25	5
\$30,000 to \$34,999	5 304	5 064	15	29	196	57	95	21	12	12
\$35,000 to \$39,999	3 437	3 288	29	15	107	26	41	16	11	12
\$40,000 to \$49,999	3 695	3 570	21	23	60	46	23	2	2	8
\$50,000 to \$59,999	1 529	1 474	15	12	28	12	8	9	—	—
\$60,000 to \$74,999	965	938	—	—	22	8	10	2	—	2
\$75,000 or more	1 116	1 077	5	6	26	8	13	6	—	—
Median	16 857	17 575	16 409	10 939	10 515	9 349	12 005	9 959	8 624	9 246
Monthly Housing Costs¹										
Less than \$100	1 676	1 367	6	43	260	147	32	26	46	8
\$100 to \$199	8 139	7 033	34	159	913	512	44	132	156	70
\$200 to \$249	7 539	6 960	35	94	448	249	36	64	65	35
\$250 to \$299	7 674	7 280	22	43	328	202	35	44	40	7
\$300 to \$349	6 026	5 756	25	37	208	108	13	26	35	26
\$350 to \$399	4 719	4 541	18	22	137	67	20	22	16	13
\$400 to \$449	3 389	3 305	10	17	57	30	12	10	5	—
\$450 to \$499	2 891	2 796	24	20	52	14	—	17	6	15
\$500 to \$599	3 912	3 798	12	18	85	24	15	21	8	16
\$600 to \$699	2 368	2 325	19	9	15	5	5	5	—	—
\$700 to \$799	1 235	1 209	6	4	15	7	5	—	—	3
\$800 or more	1 967	1 933	9	11	13	9	—	—	2	—
No cash rent	1 517	1 266	13	8	230	103	44	35	34	14
Median	306	313	325	219	210	208	244	221	192	227

¹Limited to owners in 1-unit structures on less than 10 acres, with a mortgage of less than \$2000 and no business on property, and to renters, except those in 1-unit structures on 10 acres or more.

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

Table 3-1. Introductory Characteristics—Owner Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	52 839	48 624	281	191	3 542	861	2 225	204	164	87
Tenure										
Owner occupied	52 839	48 624	281	191	3 542	861	2 225	204	164	87
Percent of all occupied	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Renter occupied .....	...	...	...	...	...	...	...	...	...	...
Race and Origin¹										
White	47 756	44 173	241	177	3 166	718	2 080	186	108	74
Non-Hispanic	46 672	43 139	232	177	3 124	702	2 061	186	108	67
Hispanic	1 085	1 035	8	—	41	16	19	—	—	7
Black	3 655	3 311	28	15	301	125	98	16	49	14
Other	1 227	1 140	12	—	75	18	48	3	6	—
Total Hispanic	1 661	1 567	13	2	79	25	42	—	5	7
Units in Structure										
1, detached	43 110	41 679	178	69	1 186	646	201	154	133	53
1, attached	1 882	1 813	16	2	51	18	8	16	7	3
2 to 4	2 286	2 013	74	100	96	63	3	15	6	11
5 to 9	441	405	7	7	22	11	5	3	—	3
10 to 19	313	278	3	6	26	8	8	2	3	5
20 to 49	297	290	5	—	2	—	—	2	—	—
50 or more	427	409	—	6	12	—	4	2	—	6
Mobile home or trailer (with no permanent room attached)	3 884	1 738	—	—	2 146	116	1 997	11	15	7
Condominiums										
Number of condominiums	1 329	1 321	—	6	2	—	2	—	—	—
Year Structure Built										
1979 to March 1980	1 819	1 384	2	8	225	33	181	2	6	3
1975 to 1978	5 867	5 018	9	2	638	82	535	11	7	3
1970 to 1974	6 595	5 712	12	5	865	87	745	23	9	2
1960 to 1969	10 437	9 755	30	10	641	106	484	17	17	17
1950 to 1959	10 344	9 912	51	28	353	130	150	33	15	25
1940 to 1949	5 544	5 224	37	15	267	136	53	36	37	6
1939 or earlier	12 434	11 620	140	122	551	287	79	82	72	31
Median	1957	1957	1940	1940	1988	1949	1973	1945	1942	1952
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	38 807	36 432	231	159	1 985	494	1 194	139	104	55
In central cities	13 643	13 008	94	87	454	186	150	42	53	23
Suburbs	25 164	23 424	137	72	1 531	307	1 045	97	51	32
Outside metropolitan statistical areas	13 832	12 192	50	33	1 557	368	1 031	65	60	32
Regions										
Northeast	10 529	9 966	108	89	366	99	197	42	11	16
Midwest	14 490	13 606	65	48	771	236	453	39	36	6
South	18 011	16 163	48	34	1 766	404	1 126	94	95	46
West	9 808	8 890	59	20	639	122	449	29	20	19
Urbanized Areas										
Inside urbanized areas	30 885	29 422	190	152	1 121	358	566	83	74	39
In central cities of (P)MSA's	13 432	12 805	91	87	448	186	145	42	52	23
Urban fringe	17 454	16 617	99	65	673	171	421	41	23	16
Outside urbanized areas	21 753	19 202	91	40	2 421	504	1 659	121	89	48
Other urban	7 236	6 684	40	20	512	128	303	47	5	29
Rural	14 517	12 538	50	19	1 909	376	1 356	74	84	18
Place Size²										
Less than 2,500 persons	3 252	2 946	18	10	278	68	173	19	17	2
2,500 to 9,999 persons	6 321	5 825	47	19	431	101	265	45	4	18
10,000 to 19,999 persons	5 437	5 161	28	12	235	69	125	17	11	14
20,000 to 49,999 persons	7 486	7 139	54	31	262	85	145	19	6	8
50,000 to 99,999 persons	4 466	4 299	17	16	134	39	59	8	16	11
100,000 to 249,999 persons	3 716	3 558	19	20	119	48	56	9	4	3
250,000 to 499,999 persons	2 437	2 347	14	11	65	24	18	7	14	2
500,000 to 999,999 persons	2 024	1 935	23	12	54	34	15	2	—	3
1,000,000 persons or more	2 444	2 298	18	43	86	42	9	15	17	3

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

²Figures will not add to total, because all units are not in Places.

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

Table 3-2. Size—Owner Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	52 639	48 624	281	191	3 542	861	2 225	204	164	87
Stories in Structure										
1 to 3	52 233	48 229	281	183	3 540	861	2 225	202	164	87
4 to 6	185	183	-	3	-	-	-	-	-	-
7 or more	220	212	-	6	2	-	-	2	-	-
Rooms										
1 room	77	37	-	-	40	11	20	3	2	5
2 rooms	332	232	3	2	95	13	54	11	9	8
3 rooms	1 445	1 105	5	21	314	71	213	18	11	-
4 rooms	6 480	5 232	21	40	1 188	190	937	30	31	-
5 rooms	13 136	12 081	46	33	976	208	664	40	41	24
6 rooms	13 848	13 230	61	42	513	207	213	43	30	20
7 rooms	8 618	8 327	48	35	208	74	84	30	15	5
8 rooms	4 782	4 615	39	16	112	52	29	9	9	14
9 rooms or more	3 922	3 768	58	3	94	35	10	21	16	11
Median	5.9	5.9	6.6	5.5	4.6	5.2	4.4	5.5	5.2	5.9
Bedrooms										
None	100	59	-	-	40	11	20	3	2	5
1	2 187	1 796	11	40	340	83	194	22	31	10
2	14 402	12 492	59	56	1 795	342	1 310	77	48	18
3	26 063	24 765	97	67	1 134	333	649	67	54	32
4 or more	9 887	9 512	114	29	233	92	53	36	29	23
Median	2.9	2.9	3.2	2.5	2.3	2.5	2.2	2.5	2.5	2.8
Complete Bathrooms										
None	797	607	10	9	171	75	61	5	28	2
1	24 402	21 970	97	88	2 248	568	1 417	119	95	49
1 and one-half	9 858	9 350	48	33	427	97	282	30	12	5
2 or more	17 581	16 697	126	62	696	121	465	50	29	31

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS
Table 3-3. Selected Equipment and Plumbing—Owner Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	52 639	48 624	281	191	3 542	881	2 225	204	164	87
Kitchen										
With complete kitchen facilities	52 088	48 182	281	191	3 434	814	2 193	201	144	81
Air Conditioning										
With air conditioning	31 855	29 636	138	104	1 979	394	1 343	112	69	60
Central	16 322	15 373	26	38	885	114	695	36	11	30
1 room unit	9 809	8 887	58	52	812	206	518	41	36	11
2 room units or more	5 723	5 376	52	14	281	75	130	35	22	20
None	20 784	18 988	145	87	1 563	467	883	93	94	27
Main Heating Equipment										
Warm-air furnace	30 237	27 941	118	78	2 100	350	1 582	83	47	38
Steam or hot water system	7 166	6 864	91	75	137	71	10	28	12	15
Electric heat pump	1 930	1 836	5	2	87	18	54	7	5	3
Built-in electric units	3 306	3 110	10	3	183	35	113	18	16	2
Floor, wall or pipeless furnace	2 895	2 694	20	10	171	60	81	7	17	6
Room heaters with flue	3 101	2 690	16	16	380	112	205	29	17	17
Room heaters without flue	1 395	1 199	5	5	187	93	53	19	18	5
Portable heaters, fireplaces, stoves	2 415	2 106	10	3	294	118	127	14	32	2
None	183	182	6	-	4	4	-	-	-	-
Plumbing										
Complete plumbing for exclusive use	52 054	48 192	276	185	3 400	800	2 180	199	136	85
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	107	91	2	6	8	2	3	3	-	-
Some, but not all plumbing facilities	299	221	3	-	74	35	24	-	15	-
No plumbing facilities	179	120	-	-	59	24	18	2	13	2
Source of Water										
Public system or private company	42 931	40 218	246	176	2 291	585	1 402	153	104	67
Well serving 1 to 5 units	9 072	7 903	31	13	1 125	269	735	51	53	17
Drilled	7 926	6 945	22	13	945	214	627	43	45	17
Dug	1 147	958	9	-	180	55	108	8	9	-
Other	636	504	5	2	126	27	89	-	6	4
Telephone										
Telephone (in housing unit)	51 144	47 594	279	183	3 088	770	1 924	187	128	80
No telephone (in housing unit)	1 495	1 030	2	8	454	91	302	18	36	7
Cars and Trucks Available¹										
No cars, trucks or vans	3 254	2 845	30	38	342	120	155	14	40	12
Other households without cars	863	735	9	4	114	32	71	9	2	-
1 car with or without trucks or vans	23 211	21 062	121	83	1 945	380	1 330	117	76	42
2 cars	19 443	18 401	82	63	897	261	539	39	39	20
3 or more cars	5 867	5 581	40	4	244	68	130	25	7	13
With cars, no trucks or vans	33 067	30 903	167	128	1 869	417	1 207	127	77	42
1 truck or van with or without cars	14 524	13 236	76	17	1 195	291	784	49	45	26
2 or more trucks or vans	1 793	1 640	8	9	136	33	79	14	2	7

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

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

Table 3-4. Fuels—Owner Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	52 639	48 624	281	191	3 542	881	2 225	204	164	87
Main House Heating Fuel										
Housing units with heating fuel	52 446	48 442	275	191	3 538	857	2 225	204	164	87
Electricity	8 208	7 541	23	5	639	100	467	38	25	9
Piped gas	29 726	28 058	169	122	1 377	381	777	96	78	41
Bottled, tank, or LP gas	2 844	2 101	-	2	741	138	546	19	22	15
Fuel oil, kerosene, or other liquid fuel	9 672	8 959	76	63	574	162	340	36	14	21
Coal or coke	285	260	2	-	22	8	7	2	6	-
Wood	1 687	1 500	4	-	182	68	88	10	18	-
Other fuel	24	22	-	-	2	-	2	-	-	-
Cooking Fuel										
With cooking fuel	52 630	48 618	281	191	3 540	881	2 225	204	164	85
Electricity	29 703	28 237	119	68	1 278	327	750	93	65	43
Piped gas	19 055	17 563	142	119	1 230	336	717	85	66	27
Bottled, tank, or LP gas	3 675	2 654	18	2	1 002	163	753	26	24	16
Fuel oil, kerosene, or other liquid fuel	61	55	-	3	4	2	2	-	-	-
Coal or coke	19	19	-	-	-	-	-	-	-	-
Wood	102	78	2	-	22	11	4	-	7	-
Other fuel	16	11	-	-	4	2	-	-	2	-
Water Heating Fuel										
With hot piped water	52 639	48 624	281	191	3 542	881	2 225	204	164	87
Electricity	17 782	15 916	58	22	1 786	341	1 286	74	59	26
Piped gas	26 707	27 307	168	127	1 104	351	565	94	62	33
Bottled, tank, or LP gas	2 343	1 854	9	5	478	90	338	19	20	10
Fuel oil, kerosene, or other liquid fuel	3 375	3 223	43	36	73	32	8	16	1	16
Coal or coke	75	71	-	-	4	4	-	-	-	-
Wood	82	74	3	2	14	8	2	-	4	-
Other fuel	29	27	-	-	2	2	2	-	-	-
No fuel used	235	153	-	-	82	37	24	2	17	2

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

Table 3-5. Household Composition—Owner Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Total	Demolition or disaster	Units lost through—			
			Conversion	Merger			Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	52 639	48 624	281	191	3 542	881	2 225	204	184	87
Persons										
1 person	8 223	7 166	48	60	948	208	600	63	48	30
2 persons	17 396	16 187	73	72	1 065	287	650	63	47	18
3 persons	9 732	9 027	51	23	631	141	436	28	19	6
4 persons	9 202	8 729	37	21	414	99	266	20	13	16
5 persons	4 822	4 595	21	5	300	78	178	21	13	10
6 persons	1 855	1 834	12	6	102	19	65	—	16	2
7 persons or more	1 209	1 086	38	4	80	29	30	9	7	5
Median	2.6	2.6	2.9	2.0	2.3	2.3	2.3	2.1	2.2	2.3
Age of Householder										
Under 25 years	1 468	1 122	5	—	341	37	289	4	2	—
25 to 29	4 032	3 566	7	18	440	73	329	11	24	3
30 to 34	5 640	5 242	11	17	369	66	251	17	10	6
35 to 44	9 807	9 305	58	22	523	132	322	33	22	14
45 to 54	9 642	9 099	56	22	484	118	275	26	18	13
55 to 64	10 187	9 548	71	36	533	130	320	46	18	19
65 to 74	7 457	6 889	28	23	518	152	277	41	28	21
75 years and over	4 306	3 855	45	52	354	134	152	26	31	11
Median	50	51	55	59	47	54	42	58	53	59
Household Composition by Age of Householder										
2-or-more person households	44 416	41 458	233	131	2 594	653	1 626	142	115	57
Married-couple families, no nonrelatives	38 125	35 770	165	111	2 079	475	1 370	118	76	40
Under 25 years	1 060	818	2	—	241	28	212	—	2	—
25 to 30 years	3 214	2 888	7	16	322	55	247	6	12	3
30 to 34 years	4 520	4 259	6	12	242	43	173	15	8	3
35 to 44 years	8 064	7 653	42	17	353	94	217	19	16	7
45 to 64 years	15 024	14 326	80	44	575	154	332	51	23	14
65 years and over	8 244	5 847	27	23	346	101	189	27	18	13
Other male householder	1 960	1 744	20	10	188	63	82	10	18	13
Under 45 years	958	836	10	3	110	43	56	3	2	6
45 to 64 years	677	619	5	2	51	13	15	8	9	7
65 years and over	325	289	6	5	25	7	11	—	7	—
Other female householder	4 331	3 945	48	10	328	116	174	13	21	4
Under 45 years	1 693	1 514	11	3	165	43	104	10	6	2
45 to 64 years	1 628	1 508	23	4	94	34	52	3	5	—
65 years and over	1 009	923	13	3	69	39	18	—	11	2
1-person households	8 223	7 166	48	60	948	208	600	63	48	30
Male householder	2 690	2 227	16	22	424	89	269	29	27	10
Under 45 years	1 031	853	—	7	171	17	134	8	10	2
45 to 64 years	785	662	5	5	113	31	64	7	6	5
65 years and over	874	713	12	10	140	41	71	15	11	3
Female householder	5 533	4 939	32	38	524	119	331	33	21	20
Under 45 years	507	436	2	—	69	4	59	4	7	6
45 to 64 years	1 714	1 531	15	4	164	16	131	4	1	—
65 years and over	3 312	2 972	15	34	291	98	141	25	13	14
Years of School Completed by Householder										
No school years completed	314	268	5	5	36	5	20	2	9	—
Elementary:										
less than 8 years	4 665	4 089	31	20	525	167	249	48	41	20
8 years	4 648	4 210	28	28	382	114	233	21	11	4
High school:										
1 to 3 years	7 583	6 857	37	35	655	141	447	21	33	13
4 years	16 927	15 524	108	32	1 282	272	872	58	36	23
College:										
1 to 3 years	6 281	7 755	29	25	453	116	286	30	12	9
4 years or more	10 243	9 922	43	49	230	48	118	25	22	18
Median	12.5	12.6	12.4	12.3	12.1	12.0	12.2	12.2	10.9	12.3

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

Table 3-6. Financial Characteristics—Owner Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Total	Demolition or disaster	Units lost through—			
			Conversion	Merger			House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	52 639	48 624	281	191	3 542	861	2 225	204	164	87
Household Income										
Less than \$5,000	4 647	3 922	20	31	673	185	370	51	40	27
\$5,000 to \$9,999	6 889	5 852	43	33	761	194	476	49	23	19
\$10,000 to \$14,999	6 668	5 993	45	21	609	120	439	16	29	4
\$15,000 to \$19,999	7 555	6 910	32	23	591	126	416	19	27	3
\$20,000 to \$24,999	7 500	7 046	35	19	399	105	243	22	18	10
\$25,000 to \$29,999	5 844	5 607	21	13	202	32	136	17	14	5
\$30,000 to \$34,999	4 410	4 239	14	17	141	40	76	11	8	7
\$35,000 to \$39,999	2 949	2 841	27	11	70	21	30	10	4	5
\$40,000 to \$49,999	3 218	3 137	21	9	51	27	16	-	-	8
\$50,000 to \$59,999	1 299	1 263	13	9	14	5	4	6	-	-
\$60,000 to \$74,999	871	854	5	-	12	3	6	2	-	-
\$75,000 or more	989	960	5	6	18	4	13	-	-	-
Median	20 507	21 160	20 050	17 295	12 763	12 184	13 038	10 402	13 136	9 364
Value¹										
Less than \$10,000	1 257	1 116	6	3	133	79	17	9	20	7
\$10,000 to \$19,999	3 308	3 111	4	2	191	114	30	22	25	-
\$20,000 to \$29,999	5 090	4 872	27	11	179	106	27	18	26	3
\$30,000 to \$39,999	6 088	5 954	23	5	104	55	14	14	15	5
\$40,000 to \$49,999	6 148	6 003	24	14	107	55	18	25	4	5
\$50,000 to \$59,999	4 984	4 871	19	11	84	35	21	17	4	7
\$60,000 to \$69,999	4 033	3 977	19	9	27	10	6	6	3	3
\$70,000 to \$79,999	3 058	3 011	6	4	37	18	6	4	2	5
\$80,000 to \$99,999	3 230	3 178	15	-	36	19	6	5	4	3
\$100,000 to \$124,999	1 661	1 625	11	8	17	7	2	2	3	3
\$125,000 to \$149,999	943	928	5	-	10	6	-	3	-	-
\$150,000 to \$199,999	829	815	6	3	5	3	-	-	-	2
\$200,000 or more	554	535	12	-	7	5	-	-	-	3
Median	47 888	48 238	52 459	50 315	28 081	25 909	30 582	39 361	23 099	...
Mortgages Currently on Property²										
None, owned free and clear	14 127	13 550	73	27	477	269	87	67	33	22
With mortgage or land contract	25 726	25 127	104	37	459	243	60	59	72	23
One mortgage or land contract	23 080	22 540	98	31	411	223	53	51	68	17
Two mortgages or more	2 646	2 587	6	6	47	20	7	8	6	6
Monthly Payment to Lender²										
Less than \$100	2 668	2 547	10	-	110	63	9	15	17	6
\$100 to \$199	7 744	7 559	22	2	161	96	16	21	28	2
\$200 to \$249	3 259	3 178	33	5	43	25	6	3	7	2
\$250 to \$299	2 822	2 771	8	-	43	16	9	8	6	2
\$300 to \$349	2 281	2 254	2	-	25	8	2	4	6	5
\$350 to \$399	1 741	1 707	5	6	23	9	5	5	3	3
\$400 to \$449	1 410	1 374	5	12	19	6	5	2	2	3
\$450 to \$499	830	899	12	-	20	12	4	-	4	-
\$500 to \$599	1 239	1 222	6	3	8	4	4	-	-	-
\$600 to \$699	679	672	2	3	2	-	-	-	2	-
\$700 to \$799	353	343	6	4	3	2	-	2	-	-
\$800 to \$999	347	347	-	-	-	-	-	-	-	-
\$1,000 to \$1,249	159	159	-	-	-	-	-	-	-	-
\$1,250 to \$1,499	39	39	-	-	-	-	-	-	-	-
\$1,500 or more	55	55	-	-	-	-	-	-	-	-
Median	238	239	230	-	174	160	242	174	172	...
Monthly Housing Costs³										
Less than \$100	18	15	-	-	3	-	-	-	-	3
\$100 to \$199	1 485	1 414	4	-	67	42	7	6	11	-
\$200 to \$249	2 193	2 115	6	-	72	46	6	11	8	-
\$250 to \$299	2 933	2 869	12	-	53	33	6	6	7	-
\$300 to \$349	2 850	2 781	14	-	54	30	2	2	18	2
\$350 to \$399	2 844	2 789	11	3	40	19	9	6	3	2
\$400 to \$449	2 506	2 474	4	2	27	12	7	5	3	-
\$450 to \$499	2 134	2 088	15	5	25	12	4	4	3	3
\$500 to \$599	3 173	3 105	9	7	51	18	11	6	8	7
\$600 to \$699	2 064	2 038	16	2	8	-	5	-	-	-
\$700 to \$799	1 185	1 165	4	3	13	7	4	-	-	3
\$800 or more	1 967	1 933	9	11	13	9	2	-	2	-
No cash rent	...	...	...	...	...	...	...	...	...	...
Median	407	408	453	...	317	289	...	...	318	...

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

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

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

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

Table 4-1. Introductory Characteristics—Renter Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Total	Demolition or disaster	Units lost through—			
			Conversion	Merger			Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	29 495	25 735	132	452	3 176	1 378	838	373	389	198
Tenure										
Owner occupied .....	...	...	...	...	...	...	...	...	...	...
Percent of all occupied .....	...	...	...	...	...	...	...	...	...	...
Renter occupied	29 495	25 735	132	452	3 176	1 378	838	373	389	198
Race and Origin¹										
White	22 862	20 095	110	353	2 303	888	762	319	172	162
Non-Hispanic	21 640	19 019	101	346	2 174	808	736	316	155	158
Hispanic	1 222	1 076	9	7	129	80	26	3	17	4
Black	4 818	4 035	21	79	683	378	50	44	192	19
Other	1 815	1 605	-	20	190	112	25	10	25	16
Total Hispanic	2 342	2 043	10	27	262	161	37	9	40	15
Units in Structure										
1, detached	7 330	6 185	35	37	1 093	653	155	118	146	22
1, attached	1 594	1 479	7	14	94	40	2	22	15	14
2 to 4	8 795	5 950	74	264	507	250	42	102	85	28
5 to 9	3 095	2 806	7	37	245	145	7	36	46	12
10 to 19	3 303	3 061	6	25	211	110	6	25	34	36
20 to 49	2 475	2 307	-	24	145	66	2	24	28	24
50 or more	3 868	3 623	2	49	192	82	10	34	29	57
Mobile home or trailer (with no permanent room attached)	1 037	345	-	2	690	52	614	12	7	6
Condominiums										
Number of condominiums	550	538	2	-	10	3	-	-	4	3
Year Structure Built										
1979 to March 1980	713	653	1	7	52	9	27	2	8	6
1975 to 1978	2 302	2 107	6	21	168	29	121	11	4	2
1970 to 1974	3 874	3 659	7	2	306	70	189	17	12	17
1960 to 1969	6 057	5 524	5	53	475	130	208	49	56	33
1950 to 1959	4 320	3 763	20	60	478	207	119	62	62	27
1940 to 1949	3 596	3 075	18	71	431	232	57	36	75	31
1939 or earlier	6 534	6 953	75	238	1 268	702	117	196	172	82
Median	1955	1957	1940	1940	1947	1940	1965	1940	1943	1944
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	24 448	21 873	113	382	2 078	982	404	264	295	153
In central cities	14 154	12 731	60	244	1 118	552	72	155	231	107
Suburbs	10 293	9 142	53	138	960	409	332	109	64	45
Outside metropolitan statistical areas	5 048	3 861	18	70	1 099	416	434	109	94	45
Regions										
Northeast	7 481	6 829	51	140	440	178	45	88	76	54
Midwest	6 642	5 781	36	148	678	308	130	85	121	36
South	8 968	7 324	28	110	1 506	625	508	143	173	58
West	6 425	5 800	18	56	552	267	158	58	19	50
Urbanized Areas										
Inside urbanized areas	22 206	20 066	89	358	1 672	818	231	218	262	142
In central cities of (P)MSA's	14 020	12 605	60	244	1 110	548	72	152	231	107
Urban fringe	8 186	7 481	28	114	562	270	159	66	32	35
Outside urbanized areas	7 289	5 848	43	94	1 504	559	607	155	127	56
Other urban	3 643	3 007	24	89	542	239	152	78	38	35
Rural	3 647	2 641	19	26	962	320	455	77	88	21
Place Size²										
Less than 2,500 persons	1 135	903	7	10	214	87	83	24	13	7
2,500 to 9,999 persons	2 657	2 225	21	60	351	117	137	47	26	23
10,000 to 19,999 persons	2 785	2 458	6	50	271	142	49	39	19	22
20,000 to 49,999 persons	4 262	3 825	24	55	357	195	67	52	27	15
50,000 to 99,999 persons	3 219	2 950	8	37	224	110	38	38	22	16
100,000 to 249,999 persons	2 963	2 701	12	34	218	129	17	18	33	18
250,000 to 499,999 persons	2 286	2 024	14	43	205	99	13	32	49	11
500,000 to 999,999 persons	2 109	1 904	10	59	136	44	13	27	45	6
1,000,000 persons or more	4 309	3 888	15	75	330	170	2	33	75	51

¹Figures may not add to total, because more than one category may apply to unit.
²Figures 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 1980 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Total	Demolition or disaster	Units lost through—			
			Conversion	Merger			Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	29 495	25 735	132	452	3 176	1 378	838	373	389	198
Stories in Structure										
1 to 3	25 793	22 308	128	392	2 984	1 310	838	328	349	139
4 to 6	2 093	1 833	1	25	134	54	-	28	31	21
7 or more	1 609	1 494	2	35	78	14	-	18	9	38
Rooms										
1 room	1 078	817	11	39	210	92	9	32	15	61
2 rooms	2 307	1 998	8	70	231	90	42	35	34	30
3 rooms	6 479	5 707	23	115	834	299	114	93	90	37
4 rooms	9 014	7 911	27	99	977	384	350	90	123	31
5 rooms	5 954	5 212	33	82	627	269	217	54	62	25
6 rooms	2 820	2 454	18	32	315	159	71	45	35	7
7 rooms	1 157	1 042	6	8	101	63	14	8	18	-
8 rooms	420	350	2	5	62	17	18	12	13	2
9 rooms or more	287	242	3	2	19	6	2	6	-	5
Median	4.0	4.0	4.4	3.5	4.0	4.0	4.2	3.8	3.9	2.7
Bedrooms										
None	1 429	1 132	12	48	239	100	9	38	20	72
1	9 737	8 606	41	204	886	434	129	150	128	48
2	11 882	10 377	43	152	1 310	511	486	112	150	50
3	5 215	4 557	23	47	587	279	177	50	60	21
4 or more	1 233	1 062	12	4	154	54	37	23	33	7
Median	1.8	1.8	1.8	1.4	1.9	1.8	2.1	1.5	1.8	1.1
Complete Bathrooms										
None	1 301	894	14	37	356	195	55	23	58	25
1	23 216	20 267	100	371	2 479	1 088	630	304	304	155
1 and one-half	2 366	2 216	4	16	150	40	80	15	11	4
2 or more	2 591	2 358	13	28	191	57	73	31	16	14

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS
Table 4-3. Selected Equipment and Plumbing—Renter Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			Other
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	
Total	29 495	25 735	132	452	3 178	1 378	838	373	389	198
Kitchen										
With complete kitchen facilities	28 589	25 128	125	420	2 916	1 267	803	349	354	142
Air Conditioning										
With air conditioning	14 491	13 105	43	183	1 160	388	422	184	116	72
Central	6 365	5 962	10	40	353	99	125	63	33	33
1 room unit	6 297	5 499	24	124	651	227	249	78	66	31
2 room units or more	1 829	1 644	9	19	156	60	48	23	17	7
None	15 004	12 630	89	269	2 016	992	416	209	273	126
Main Heating Equipment										
Warm-air furnace	10 753	9 482	53	162	1 058	343	481	105	100	47
Steam or hot water system	7 275	6 519	41	159	558	238	30	111	88	89
Electric heat pump	923	874	-	3	45	7	24	9	-	5
Built-in electric units	3 051	2 826	8	30	188	67	42	34	20	25
Floor, wall or pipeless furnace	2 083	1 869	4	10	201	102	44	29	24	2
Room heaters with flue	2 781	2 243	9	43	468	275	80	41	51	19
Room heaters without flue	1 322	960	6	27	329	150	86	29	59	5
Portable heaters, fireplaces, stoves	1 030	728	7	18	277	149	66	15	42	4
None	296	234	4	-	59	48	5	-	5	2
Plumbing										
Complete plumbing for exclusive use	28 521	25 088	128	418	2 887	1 214	797	353	343	180
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	438	349	4	29	56	28	6	8	7	7
Some, but not all plumbing facilities	287	172	-	4	111	71	12	4	21	3
No plumbing facilities	250	126	-	1	123	65	23	9	19	8
Source of Water										
Public system or private company	27 459	24 305	119	441	2 594	1 171	575	332	331	184
Well serving 1 to 5 units	1 862	1 311	8	11	532	177	245	42	54	14
Drilled	1 515	1 085	8	9	413	126	205	34	40	8
Dug	346	228	-	2	119	50	41	8	14	6
Other	174	119	4	-	51	30	17	-	3	-
Telephone										
Telephone (in housing unit)	25 417	22 774	111	356	2 176	954	548	299	226	150
No telephone (in housing unit)	4 078	2 961	21	97	1 000	424	291	75	163	48
Cars and Trucks Available¹										
No cars, trucks or vans	7 574	6 408	35	150	981	485	112	102	183	98
Other households without cars	608	452	2	5	148	37	66	23	11	10
1 car with or without trucks or vans	15 047	13 277	62	239	1 468	835	482	171	133	68
2 cars	5 317	4 781	25	53	479	172	181	72	55	19
3 or more cars	948	837	7	5	100	48	37	6	6	3
With cars, no trucks or vans	18 053	16 122	86	255	1 591	875	483	208	149	75
1 truck or van with or without cars	3 499	2 909	9	47	534	191	206	83	54	20
2 or more trucks or vans	368	296	2	-	70	27	38	-	2	4

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

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS
Table 4-4. Fuels—Renter Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	29 495	25 735	132	452	3 176	1 378	838	373	389	198
Main House Heating Fuel										
Housing units with heating fuel	29 198	25 501	128	452	3 118	1 332	833	373	384	196
Electricity	6 393	5 888	10	48	447	154	146	74	37	37
Piped gas	15 551	13 600	65	269	1 616	777	333	191	225	90
Bottled, tank, or LP gas	1 021	699	3	4	314	99	168	12	25	10
Fuel oil, kerosene, or other liquid fuel	5 466	4 767	44	114	541	204	146	89	59	43
Coal or coke	189	137	—	3	49	25	15	4	3	2
Wood	421	282	5	7	127	66	25	3	30	2
Other fuel	157	127	—	7	23	7	—	—	5	12
Cooking Fuel										
With cooking fuel	29 340	25 658	132	435	3 115	1 357	838	371	380	169
Electricity	12 426	11 257	51	127	990	421	259	175	74	60
Piped gas	15 280	13 345	71	290	1 575	753	312	171	258	81
Bottled, tank, or LP gas	1 454	910	9	18	517	160	264	25	45	24
Fuel oil, kerosene, or other liquid fuel	93	85	1	—	7	3	—	—	—	4
Coal or coke	19	19	—	—	—	—	—	—	—	—
Wood	55	33	—	—	22	17	2	—	2	—
Other fuel	12	8	—	—	4	4	—	—	—	—
Water Heating Fuel										
With hot piped water	29 495	25 735	132	452	3 176	1 378	838	373	389	198
Electricity	8 397	7 318	34	87	958	328	405	109	60	55
Piped gas	16 079	14 197	66	275	1 541	761	268	183	235	94
Bottled, tank, or LP gas	1 127	826	6	9	287	104	121	21	27	14
Fuel oil, kerosene, or other liquid fuel	3 419	3 104	26	75	214	88	14	52	37	23
Coal or coke	44	33	—	2	9	5	2	—	—	2
Wood	30	21	—	—	9	6	—	—	2	—
Other fuel	104	90	—	—	14	9	—	—	3	3
No fuel used	296	148	—	4	144	76	28	9	24	8

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

Table 4-5. Household Composition—Renter Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	29 495	25 735	132	452	3 176	1 378	838	373	389	198
Persons										
1 person	10 513	9 200	41	205	1 068	440	237	174	131	86
2 persons	8 456	7 479	48	127	802	350	220	96	82	54
3 persons	4 833	4 070	19	47	497	199	196	22	52	28
4 persons	3 059	2 646	12	43	359	153	106	38	47	16
5 persons	1 533	1 271	9	14	239	121	40	24	45	9
6 persons	717	611	3	5	97	49	18	15	16	-
7 persons or more	584	457	-	11	115	67	22	5	17	5
Median	2.0	2.0	2.0	1.7	2.1	2.2	2.3	1.6	2.3	1.7
Age of Householder										
Under 25 years	5 101	4 330	17	94	660	273	238	58	52	41
25 to 29	5 391	4 754	26	76	535	208	138	67	85	37
30 to 34	3 812	3 366	18	45	384	149	109	60	47	18
35 to 44	4 087	3 579	22	54	433	191	120	52	41	28
45 to 54	2 961	2 537	10	42	373	177	81	52	53	10
55 to 64	2 916	2 544	14	47	311	140	70	25	54	22
65 to 74	3 015	2 645	18	57	295	160	59	22	35	19
75 years and over	2 212	1 981	7	37	187	78	24	39	22	24
Median	36	38	37	37	35	38	32	38	38	36
Household Composition by Age of Householder										
2-or-more person households	18 982	16 535	91	247	2 109	938	602	199	258	112
Married-couple families, no nonrelatives	11 028	9 683	36	141	1 168	498	395	101	126	49
Under 25 years	1 771	1 441	4	34	291	102	138	14	22	15
25 to 30 years	2 242	1 987	7	33	216	90	67	13	28	17
30 to 34 years	1 575	1 388	5	11	171	71	62	10	24	4
35 to 44 years	1 720	1 542	8	15	155	76	43	25	8	3
45 to 64 years	2 307	2 055	5	32	215	90	66	27	25	7
65 years and over	1 413	1 269	7	16	119	69	19	11	18	3
Other male householder	2 487	2 110	16	35	306	159	59	30	40	18
Under 45 years	1 975	1 732	11	29	202	108	45	23	11	14
45 to 64 years	374	291	2	5	75	36	11	7	19	2
65 years and over	118	87	-	-	29	15	2	-	10	3
Other female householder	5 486	4 742	38	72	635	281	148	68	93	44
Under 45 years	4 077	3 526	31	53	467	186	120	55	75	31
45 to 64 years	993	858	5	13	118	72	22	3	15	5
65 years and over	416	358	2	6	50	23	6	11	2	8
1-person households	10 513	9 200	41	205	1 068	440	237	174	131	86
Male householder	4 472	3 722	16	87	647	265	142	108	87	45
Under 45 years	2 884	2 458	8	57	363	133	85	71	44	30
45 to 64 years	931	747	7	15	161	75	23	21	28	13
65 years and over	657	517	2	15	123	57	34	15	15	2
Female householder	6 041	5 478	25	118	420	174	95	67	44	41
Under 45 years	2 146	1 854	10	37	145	56	44	24	12	9
45 to 64 years	1 272	1 129	5	24	115	43	29	18	19	5
65 years and over	2 622	2 394	10	58	160	75	22	25	12	27
Years of School Completed by Householder										
No school years completed	331	283	2	2	43	27	8	-	8	-
Elementary:										
less than 8 years	2 878	2 327	16	33	502	275	110	13	85	19
8 years	2 128	1 760	17	28	323	143	88	35	48	9
High school:										
1 to 3 years	4 919	4 136	14	94	675	320	172	76	75	32
4 years	9 265	8 145	39	158	923	337	286	118	122	61
College:										
1 to 3 years	5 324	4 822	24	59	419	180	109	58	36	37
4 years or more	4 651	4 262	20	78	291	97	66	73	16	40
Median	12.5	12.5	12.4	12.4	12.0	11.3	12.1	12.5	11.3	12.6

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

Table 4-6. Financial Characteristics—Renter Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	29 495	25 735	132	452	3 176	1 378	838	373	389	198
Household Income										
Less than \$5,000	6 306	5 199	33	109	965	424	226	92	166	57
\$5,000 to \$9,999	6 644	5 651	29	127	838	394	223	97	74	50
\$10,000 to \$14,999	5 723	5 029	21	96	577	224	152	85	65	52
\$15,000 to \$19,999	4 263	3 835	23	39	366	162	107	42	37	18
\$20,000 to \$24,999	2 722	2 497	15	26	184	75	57	22	23	7
\$25,000 to \$29,999	1 527	1 408	5	22	92	43	28	10	11	-
\$30,000 to \$34,999	894	826	2	12	55	17	19	10	4	5
\$35,000 to \$39,999	488	445	1	5	37	5	11	6	7	7
\$40,000 to \$49,999	477	433	1	14	30	19	7	2	2	-
\$50,000 to \$59,999	230	210	2	3	14	7	4	3	-	-
\$60,000 to \$74,999	94	84	-	-	10	4	4	-	-	2
\$75,000 or more	127	117	-	-	10	4	-	8	-	-
Median	11 571	12 006	10 907	9 623	8 721	8 363	9 331	9 871	6 946	9 202
Monthly Housing Costs¹										
Less than \$100	1 659	1 352	6	43	257	147	32	26	46	5
\$100 to \$199	6 654	5 619	30	159	846	469	37	126	144	70
\$200 to \$249	5 346	4 845	29	94	377	203	30	52	57	35
\$250 to \$299	4 741	4 412	11	43	276	169	28	39	33	7
\$300 to \$349	3 178	2 975	10	37	154	78	11	24	17	24
\$350 to \$399	1 875	1 752	7	19	97	48	11	13	13	11
\$400 to \$449	883	832	6	15	30	18	5	5	2	-
\$450 to \$499	758	710	10	12	27	2	-	13	-	12
\$500 to \$599	739	693	2	10	34	6	4	15	-	9
\$600 to \$699	304	287	2	7	7	5	-	2	-	-
\$700 to \$799	50	44	2	2	2	-	-	-	-	-
\$800 or more	-	-	-	-	-	-	-	-	-	-
No cash rent	1 517	1 266	13	8	230	103	44	35	34	14
Median	245	249	238	210	194	191	217	205	176	217

¹Excludes 1-unit structures on 10 acres or more.

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

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

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	27 797	25 739	154	331	1 572	739	222	197	284	131
Tenure										
Owner occupied	13 643	13 008	94	87	454	188	150	42	53	23
Percent of all occupied	49.1	50.5	60.8	26.2	28.9	25.2	67.5	21.4	18.7	17.8
Renter occupied	14 154	12 731	60	244	1 118	552	72	155	231	107
Race and Origin¹										
White	20 846	19 535	97	250	964	415	201	149	92	106
Non-Hispanic	19 649	18 412	90	242	905	379	194	146	85	101
Hispanic	1 197	1 123	8	7	58	36	7	3	7	5
Black	5 306	4 686	44	69	508	263	20	40	171	14
Other	1 644	1 518	12	13	101	61	-	9	20	11
Total Hispanic	2 229	2 058	13	23	136	86	7	7	23	13
Units In Structure										
1, detached	12 660	12 127	59	52	422	272	21	51	68	10
1, attached	1 801	1 675	19	13	94	43	2	17	18	14
2 to 4	4 831	4 278	57	182	314	154	4	53	77	25
5 to 9	1 795	1 609	6	24	155	78	2	21	42	12
10 to 19	1 811	1 655	8	14	134	72	2	16	32	12
20 to 49	1 618	1 516	3	17	82	49	-	9	17	7
50 or more	2 862	2 673	2	28	158	54	-	27	26	51
Mobile home or trailer (with no permanent room attached)	419	205	-	-	214	18	190	4	2	-
Condominiums										
Number of condominiums	747	742	-	-	5	-	-	-	2	3
Year Structure Built										
1979 to March 1980	542	511	1	3	27	7	13	-	5	2
1975 to 1978	1 695	1 613	5	7	71	9	51	5	4	2
1970 to 1974	2 670	2 533	10	-	128	33	64	9	9	12
1960 to 1969	5 076	4 864	9	26	176	59	44	29	28	17
1950 to 1959	5 075	4 777	13	48	238	127	27	22	51	11
1940 to 1949	3 802	3 464	25	34	279	155	9	30	65	20
1939 or earlier	8 936	7 978	91	213	654	349	13	103	122	67
Median	1952	1952	1940	1940	1944	1941	1971	1940	1943	1940
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	27 797	25 739	154	331	1 572	739	222	197	284	131
In central cities	27 797	25 739	154	331	1 572	739	222	197	284	131
Suburbs .....	...	...	...	...	...	...	...	...	...	...
Outside metropolitan statistical areas .....	...	...	...	...	...	...	...	...	...	...
Regions										
Northeast	6 493	6 038	57	115	283	114	6	55	66	43
Midwest	6 685	6 111	37	89	438	230	42	38	108	20
South	8 589	7 913	28	87	560	246	115	66	99	35
West	6 030	5 678	33	30	290	149	58	39	11	33
Urbanized Areas										
Inside urbanized areas	27 451	25 410	152	331	1 559	734	217	194	282	131
In central cities of (P)MSA's	27 451	25 410	152	331	1 559	734	217	194	282	131
Urban fringe .....	...	...	...	...	...	...	...	...	...	...
Outside urbanized areas	345	330	2	-	13	4	5	3	1	-
Other urban	321	307	2	-	12	4	5	2	1	-
Rural	24	23	-	-	1	-	-	1	-	-
Place Size²										
Less than 2,500 persons	2	2	-	-	-	-	-	-	-	-
2,500 to 9,999 persons	-	-	-	-	-	-	-	-	-	-
10,000 to 19,999 persons	115	105	-	-	9	2	3	3	1	-
20,000 to 49,999 persons	2 504	2 328	18	14	144	68	30	21	13	12
50,000 to 99,999 persons	3 955	3 670	15	35	236	99	54	29	32	22
100,000 to 249,999 persons	5 617	5 244	27	40	306	155	65	27	36	21
250,000 to 499,999 persons	4 721	4 369	28	54	270	124	31	39	43	14
500,000 to 999,999 persons	4 129	3 834	33	71	190	78	29	30	45	9
1,000,000 persons or more	6 753	6 186	34	118	416	212	11	48	91	53

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

²Figures will not add to total, because all units are not in Places.

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

Table 5-2. Size—In Central Cities—Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			Other
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	
Total	27 797	25 739	154	331	1 572	739	222	197	284	131
Stories in Structure										
1 to 3	24 574	22 759	151	285	1 380	673	222	156	248	80
4 to 6	1 757	1 617	1	18	121	52	-	21	27	21
7 or more	1 465	1 363	2	28	71	14	-	20	9	29
Rooms										
1 room	741	567	5	21	148	63	4	21	9	51
2 rooms	1 438	1 295	-	32	111	43	5	16	28	22
3 rooms	3 903	3 485	10	70	338	178	34	47	65	14
4 rooms	5 663	5 198	18	68	379	143	100	39	86	12
5 rooms	6 060	5 671	34	55	300	157	44	38	49	12
6 rooms	5 092	4 840	31	46	175	80	33	20	28	14
7 rooms	2 650	2 533	20	25	72	48	2	10	9	3
8 rooms	1 290	1 240	12	12	27	18	-	-	7	2
9 rooms or more	659	910	25	2	21	9	-	7	5	-
Median	4.9	4.9	5.6	4.1	4.0	4.1	4.2	3.9	4.0	2.1
Bedrooms										
None	978	787	5	25	161	65	4	24	11	57
1	6 084	5 456	16	124	489	254	28	74	103	29
2	9 163	8 483	34	103	543	218	134	62	104	24
3	8 759	8 361	52	60	286	158	48	28	41	13
4 or more	2 812	2 653	48	19	92	42	7	11	24	8
Median	2.2	2.3	2.9	1.7	1.7	1.7	2.1	1.5	1.8	.8
Complete Bathrooms										
None	672	532	7	16	116	60	3	12	21	20
1	18 284	16 723	80	232	1 246	597	159	161	237	94
1 and one-half	3 477	3 346	19	28	84	44	20	11	3	7
2 or more	5 384	5 138	48	54	124	38	40	13	23	9

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS
Table 5-3. Selected Equipment and Plumbing—In Central Cities—Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	27 797	25 739	154	331	1 572	739	222	197	284	131
Kitchen										
With complete kitchen facilities	27 266	25 331	154	317	1 463	693	222	186	270	93
Air Conditioning										
With air conditioning	15 796	14 833	53	150	660	238	159	103	102	58
Central	7 468	7 178	12	40	238	69	74	38	31	25
1 room unit	5 614	5 195	17	90	311	119	71	41	55	25
2 room units or more	2 714	2 559	25	20	110	50	13	24	16	7
None	12 001	10 807	101	181	912	501	63	94	181	73
Main Heating Equipment										
Warm-air furnace	12 720	12 013	65	120	523	220	148	42	83	30
Steam or hot water system	6 852	6 245	48	132	427	203	5	71	86	61
Electric heat pump	783	753	-	-	29	4	11	11	-	3
Built-in electric units	1 798	1 693	2	7	95	29	5	21	26	15
Floor, wall or pipeless furnace	1 916	1 809	11	4	92	48	9	11	22	3
Room heaters with flue	2 074	1 832	13	38	191	110	20	19	30	12
Room heaters without flue	924	762	7	22	133	66	18	17	29	2
Portable heaters, fireplaces, stoves	481	419	2	7	52	36	7	5	2	2
None	248	212	6	-	30	23	-	-	5	2
Plumbing										
Complete plumbing for exclusive use	27 335	25 389	150	318	1 479	690	222	186	267	116
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	289	231	3	14	41	24	-	5	5	7
Some, but not all plumbing facilities	117	89	1	-	27	15	-	2	10	-
No plumbing facilities	55	31	-	-	24	9	-	5	2	8
Source of Water										
Public system or private company	27 576	25 547	154	328	1 548	725	213	196	282	131
Well serving 1 to 5 units	216	190	-	3	24	13	7	1	2	-
Drilled	195	175	-	3	17	9	4	1	2	-
Dug	22	15	-	-	7	5	2	-	-	-
Other	4	2	-	-	2	-	2	-	-	-
Telephone										
Telephone (in housing unit)	25 635	24 032	142	273	1 187	547	178	158	195	109
No telephone (in housing unit)	2 162	1 707	12	58	384	192	43	39	89	22
Cars and Trucks Available¹										
No cars, trucks or vans	6 367	5 595	34	122	618	305	16	68	156	71
Other households without cars	358	318	5	2	32	16	7	9	-	-
1 car with or without trucks or vans	12 756	11 870	70	156	660	305	140	85	92	39
2 cars	6 684	6 379	36	51	218	95	48	28	31	18
3 or more cars	1 632	1 577	9	-	46	17	11	7	5	6
With cars, no trucks or vans	17 426	16 397	86	182	751	342	147	103	110	48
1 truck or van with or without cars	3 691	3 456	31	14	190	87	56	20	14	12
2 or more trucks or vans	313	291	2	3	16	5	4	5	2	-

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

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS
Table 5-4. Fuels—In Central Cities—Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			Other
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	
Total	27 797	25 739	154	331	1 572	739	222	197	284	131
Main House Heating Fuel										
Housing units with heating fuel	27 548	25 527	148	331	1 542	716	222	197	278	128
Electricity	4 415	4 192	2	15	206	63	31	48	43	22
Piped gas	17 853	16 510	111	220	1 013	514	150	110	180	58
Bottled, tank, or LP gas	349	275	-	2	72	21	23	4	18	8
Fuel oil, kerosene, or other liquid fuel	4 840	4 299	35	83	223	103	17	35	34	33
Coal or coke	71	57	-	3	11	9	-	-	-	2
Wood	95	91	-	2	2	2	-	-	-	-
Other fuel	128	104	-	7	15	5	-	-	5	6
Cooking Fuel										
With cooking fuel	27 701	25 690	154	324	1 533	725	222	195	277	114
Electricity	11 092	10 862	38	41	351	148	48	74	43	39
Piped gas	16 113	14 629	110	278	1 099	552	141	119	224	62
Bottled, tank, or LP gas	405	314	6	7	78	23	34	1	9	10
Fuel oil, kerosene, or other liquid fuel	78	73	1	-	3	-	-	-	-	3
Coal or coke	2	2	-	-	-	-	-	-	-	-
Wood	3	3	-	-	-	-	-	-	-	-
Other fuel	10	8	-	-	2	2	-	-	-	-
Water Heating Fuel										
With hot piped water	27 797	25 739	154	331	1 572	739	222	197	284	131
Electricity	5 678	5 365	12	20	281	96	73	53	33	26
Piped gas	18 512	17 109	109	248	1 047	542	135	106	201	64
Bottled, tank, or LP gas	484	406	7	9	59	22	12	8	9	8
Fuel oil, kerosene, or other liquid fuel	2 928	2 708	24	53	143	62	2	25	31	23
Coal or coke	30	26	-	2	2	-	-	-	-	2
Wood	10	7	-	-	-	-	-	-	-	-
Other fuel	86	77	-	-	9	7	-	-	3	-
No fuel used	69	40	-	-	29	9	-	5	7	8

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

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

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	27 797	25 739	154	331	1 572	739	222	197	284	131
Persons										
1 person	8 018	7 212	25	148	632	270	66	101	104	71
2 persons	8 488	7 970	56	71	391	188	62	62	52	28
3 persons	4 653	4 380	27	49	197	111	30	7	44	5
4 persons	3 329	3 124	10	37	158	78	25	11	28	15
5 persons	1 841	1 712	12	12	105	49	12	4	31	9
6 persons	799	748	8	8	35	16	4	2	11	2
7 persons or more	669	594	15	6	54	29	2	9	14	—
Median	2.2	2.2	2.4	1.7	1.9	2.0	1.9	1.5	2.2	1.5
Age of Householder										
Under 25 years	2 736	2 468	9	34	226	118	42	16	38	13
25 to 29	3 524	3 224	15	55	230	98	26	38	47	20
30 to 34	3 189	2 979	9	36	165	80	22	29	27	7
35 to 44	4 315	4 011	34	50	220	104	27	20	42	27
45 to 54	3 941	3 709	22	31	180	77	24	26	46	5
55 to 64	4 213	3 931	28	41	212	78	42	28	40	24
65 to 74	3 598	3 309	21	47	222	138	27	24	23	10
75 years and over	2 281	2 109	17	38	117	45	11	16	21	24
Median	45	46	50	43	42	42	43	43	43	44
Household Composition by Age of Householder										
2-or-more person households	19 779	18 527	129	183	940	469	135	96	180	60
Married-couple families, no nonrelatives	13 475	12 827	71	103	473	218	99	51	75	30
Under 25 years	868	787	2	9	68	33	2	7	12	3
25 to 30 years	1 578	1 461	7	28	83	40	11	2	12	13
30 to 34 years	1 580	1 520	3	7	50	22	14	—	10	3
35 to 44 years	2 447	2 338	19	20	70	33	16	5	11	7
45 to 64 years	4 734	4 560	24	26	125	47	28	25	23	2
65 years and over	2 270	2 163	16	14	77	43	12	13	7	3
Other male householder	1 809	1 604	22	23	160	87	11	20	35	9
Under 45 years	1 232	1 104	12	19	97	65	8	13	9	4
45 to 64 years	405	349	7	4	45	17	2	7	16	2
65 years and over	171	151	2	—	18	5	—	—	9	3
Other female householder	4 495	4 096	36	57	307	164	26	25	71	21
Under 45 years	2 826	2 555	20	41	210	101	15	23	57	14
45 to 64 years	1 103	1 024	11	12	56	38	7	—	9	2
65 years and over	567	517	5	4	41	25	5	2	5	5
1-person households	8 018	7 212	25	148	632	270	86	101	104	71
Male householder	3 211	2 763	8	61	379	185	43	72	61	39
Under 45 years	1 862	1 637	—	33	193	73	25	43	31	21
45 to 64 years	727	612	3	12	99	42	9	14	19	15
65 years and over	622	513	5	16	88	50	9	16	11	2
Female householder	4 807	4 450	18	87	252	105	44	29	43	32
Under 45 years	1 374	1 280	3	20	70	33	13	12	10	3
45 to 64 years	1 185	1 095	5	17	68	11	20	8	21	8
65 years and over	2 249	2 074	10	51	114	60	11	9	12	22
Years of School Completed by Householder										
No school years completed	288	251	7	4	24	11	4	—	9	—
Elementary:										
less than 8 years	2 648	2 338	23	30	257	144	25	27	49	12
8 years	1 987	1 818	13	35	123	67	9	11	30	7
High school:										
1 to 3 years	4 514	4 142	15	54	303	160	35	25	67	17
4 years	8 167	7 568	41	94	463	198	102	46	81	37
College:										
1 to 3 years	4 943	4 652	26	46	219	90	32	39	28	31
4 years or more	5 249	4 971	29	67	181	69	13	51	21	28
Median	12.5	12.6	12.5	12.4	12.2	11.8	12.4	12.8	11.5	12.8

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

Table 5-6. Financial Characteristics—In Central Cities—Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	27 797	25 739	154	331	1 572	739	222	197	284	131
Household Income										
Less than \$5,000	4 507	3 917	24	80	486	228	54	58	105	43
\$5,000 to \$9,999	4 869	4 412	30	83	344	186	37	48	48	25
\$10,000 to \$14,999	4 473	4 164	19	49	240	95	38	30	43	34
\$15,000 to \$19,999	4 006	3 735	22	34	213	107	32	22	42	10
\$20,000 to \$24,999	3 189	3 038	15	29	109	56	18	13	20	2
\$25,000 to \$29,999	2 091	2 000	10	18	63	20	22	6	11	3
\$30,000 to \$34,999	1 526	1 451	10	16	50	18	11	9	5	7
\$35,000 to \$39,999	1 011	974	2	5	30	5	5	9	7	5
\$40,000 to \$49,999	1 102	1 059	10	9	24	20	2	2	2	—
\$50,000 to \$59,999	413	397	5	6	4	—	2	2	—	—
\$60,000 to \$74,999	258	249	5	—	4	2	—	—	—	2
\$75,000 or more	352	345	3	—	4	2	2	—	—	—
Median	15 061	15 504	15 855	10 195	9 369	8 610	12 543	9 483	8 816	9 527
Monthly Housing Costs¹										
Less than \$100	920	791	2	23	104	53	2	11	32	5
\$100 to \$199	4 144	3 608	13	81	442	225	9	67	109	31
\$200 to \$249	3 616	3 354	17	46	200	116	—	19	44	21
\$250 to \$299	3 352	3 177	9	26	139	84	4	16	32	2
\$300 to \$349	2 420	2 297	5	23	85	50	—	13	19	13
\$350 to \$399	1 719	1 641	10	17	51	22	—	7	14	9
\$400 to \$449	1 075	1 041	7	5	22	15	2	2	2	—
\$450 to \$499	828	874	8	17	29	7	—	10	2	10
\$500 to \$599	1 127	1 096	2	6	23	2	—	7	3	12
\$600 to \$699	600	582	5	9	4	2	—	2	—	—
\$700 to \$799	287	284	2	2	—	—	—	—	—	—
\$800 or more	420	413	2	—	5	2	—	—	2	7
No cash rent	303	268	9	1	25	13	—	5	—	—
Median	274	279	304	226	203	205	—	198	189	236
OWNER OCCUPIED UNITS										
Total	13 643	13 008	94	87	454	186	150	42	53	23
Value²										
Less than \$10,000	346	311	6	—	29	18	5	2	4	—
\$10,000 to \$19,999	1 068	1 013	2	2	48	30	3	9	7	—
\$20,000 to \$29,999	1 696	1 639	5	5	48	27	—	4	17	—
\$30,000 to \$39,999	1 752	1 732	2	2	17	7	—	—	10	—
\$40,000 to \$49,999	1 685	1 645	9	9	22	9	4	7	—	2
\$50,000 to \$59,999	1 210	1 190	7	3	10	4	—	2	—	3
\$60,000 to \$69,999	964	947	5	3	9	4	—	2	—	3
\$70,000 to \$79,999	740	735	—	—	4	2	—	—	2	—
\$80,000 to \$99,999	807	789	9	—	9	7	—	—	2	—
\$100,000 to \$124,999	404	397	5	—	2	2	—	—	—	—
\$125,000 to \$149,999	281	256	—	—	5	5	—	—	—	—
\$150,000 to \$199,999	214	212	2	—	—	—	—	—	—	—
\$200,000 or more	185	176	7	—	2	2	—	—	—	—
Median	44 775	45 023	57 542	—	25 292	24 118	—	—	—	—
Mortgages Currently on Property³										
None, owned free and clear	3 657	3 528	29	10	90	58	7	18	9	—
With mortgage or land contract	7 182	7 022	30	15	114	60	4	9	33	8
One mortgage or land contract	6 379	6 224	30	12	112	58	4	9	33	8
Two mortgages or more	803	798	—	3	2	2	—	—	—	—
Monthly Payment to Lender³										
Less than \$100	783	750	5	—	28	13	2	2	7	3
\$100 to \$199	2 477	2 427	5	5	45	27	2	2	12	2
\$200 to \$249	864	835	9	—	14	9	—	—	5	—
\$250 to \$299	761	750	—	—	12	4	—	2	5	—
\$300 to \$349	565	558	—	—	5	—	—	—	2	—
\$350 to \$399	422	407	—	—	7	5	—	2	—	3
\$400 to \$449	370	364	—	—	—	—	—	—	—	—
\$450 to \$499	226	224	—	—	—	—	—	—	—	—
\$500 to \$599	306	303	—	—	—	—	—	—	—	—
\$600 to \$699	139	137	—	—	2	2	—	—	2	—
\$700 to \$799	107	105	—	—	—	—	—	—	—	—
\$800 to \$999	87	87	—	—	—	—	—	—	—	—
\$1,000 to \$1,249	42	42	—	—	—	—	—	—	—	—
\$1,250 to \$1,499	12	12	—	—	—	—	—	—	—	—
\$1,500 or more	21	21	—	—	—	—	—	—	—	—
Median	219	220	—	—	165	162	—	—	—	—
Monthly Housing Costs⁴										
Less than \$100	5	2	—	—	3	—	—	—	—	3
\$100 to \$199	427	411	—	—	16	9	2	—	5	—
\$200 to \$249	680	668	2	—	9	7	—	—	3	—
\$250 to \$299	908	887	2	—	18	9	2	—	7	—
\$300 to \$349	919	893	2	—	23	14	—	—	7	2
\$350 to \$399	871	851	3	—	12	4	—	5	3	—
\$400 to \$449	704	698	2	—	4	4	—	—	—	—
\$450 to \$499	564	547	5	—	7	5	—	—	2	—
\$500 to \$599	804	788	2	—	9	2	—	2	3	3
\$600 to \$699	470	463	2	—	—	—	—	—	—	—
\$700 to \$799	276	274	2	—	—	—	—	—	—	—
\$800 or more	420	413	2	—	5	2	—	—	2	—
No cash rent	—	—	—	—	—	—	—	—	—	—
Median	364	364	—	—	315	—	—	—	—	—

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

Table 5-6. Financial Characteristics—In Central Cities—Occupied Units—Con.

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—						
			Conversion	Merger	Total	Demolition or disaster	Other means				
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other	
RENTER OCCUPIED UNITS											
Total	14 154	12 731	60	244	1 118	552	72	155	231	107	
Monthly Housing Costs⁵											
Less than \$100	915	789	2	23	101	53	2	11	32	2	
\$100 to \$199	3 717	3 197	13	81	426	216	7	67	104	31	
\$200 to \$249	2 936	2 686	14	46	190	109	—	19	41	21	
\$250 to \$299	2 444	2 289	7	26	122	75	2	16	26	2	
\$300 to \$349	1 501	1 403	2	23	72	36	—	13	12	11	
\$350 to \$399	849	790	5	14	40	18	—	2	11	9	
\$400 to \$449	371	343	5	5	18	11	2	2	2	—	
\$450 to \$499	364	327	4	12	22	2	—	10	4	10	
\$500 to \$599	324	309	—	2	13	—	—	4	—	9	
\$600 to \$699	130	119	—	7	4	2	—	2	—	—	
\$700 to \$799	11	9	—	2	—	—	—	—	—	—	
\$800 or more	—	—	—	—	—	—	—	—	—	—	
No cash rent	303	268	9	1	25	13	—	5	—	7	
Median	237	240	—	218	195	197	—	193	179	234	

¹Limited 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.

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

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

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

⁵Excludes 1-unit structures on 10 acres or more.

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

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

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		Units lost through--					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	35 457	32 566	190	210	2 491	717	1 376	206	115	77
Tenure										
Owner occupied	25 164	23 424	137	72	1 531	307	1 045	97	51	32
Percent of all occupied	71.0	71.9	72.2	34.2	61.5	42.9	75.9	47.0	44.0	41.2
Renter occupied	10 293	9 142	53	138	960	409	332	109	64	45
Race and Origin¹										
White	32 541	29 949	185	184	2 222	577	1 308	190	92	56
Non-Hispanic	31 670	29 147	175	184	2 183	541	1 291	190	85	56
Hispanic	872	802	10	-	60	36	17	-	7	-
Black	1 859	1 637	5	18	189	87	50	14	23	16
Other	1 057	980	-	7	70	43	19	3	-	6
Total Hispanic	1 382	1 261	10	7	105	70	25	-	7	3
Units in Structure										
1, detached	23 897	22 877	120	48	852	493	125	128	82	24
1, attached	1 355	1 321	2	-	32	8	5	15	1	3
2 to 4	2 886	2 594	65	99	128	74	10	28	7	9
5 to 9	1 335	1 269	-	9	56	33	9	10	3	9
10 to 19	1 424	1 354	-	18	53	29	3	3	2	15
20 to 49	934	887	3	7	38	10	-	8	6	14
50 or more	1 257	1 198	-	27	32	8	9	6	2	6
Mobile home or trailer (with no permanent room attached)	2 369	1 067	-	2	1 301	61	1 214	8	11	7
Condominiums										
Number of condominiums	1 050	1 039	-	6	4	3	-	-	2	-
Year Structure Built										
1979 to March 1980	1 157	1 043	2	12	100	11	81	2	2	4
1975 to 1978	4 079	3 717	8	11	343	36	292	9	2	3
1970 to 1974	5 379	4 839	10	5	528	73	427	15	8	3
1960 to 1969	8 375	7 814	20	31	511	104	352	13	21	21
1950 to 1959	6 976	6 551	55	28	342	125	140	36	16	26
1940 to 1949	3 364	3 109	25	29	202	112	39	28	18	4
1939 or earlier	6 126	5 494	70	94	468	256	46	102	48	16
Median	1961	1961	1950	1942	1964	1949	1971	1940	1945	1956
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas	35 457	32 566	190	210	2 491	717	1 376	206	115	77
In central cities .....	...	...	...	...	...	...	...	...	...	...
Suburbs	35 457	32 566	190	210	2 491	717	1 376	206	115	77
Outside metropolitan statistical areas .....	...	...	...	...	...	...	...	...	...	...
Regions										
Northeast	9 342	8 863	80	96	303	84	135	52	17	15
Midwest	8 200	7 690	39	51	420	122	247	32	13	6
South	10 541	9 159	29	36	1 317	349	764	102	67	34
West	7 374	6 853	42	27	451	163	230	20	17	22
Urbanized Areas										
Inside urbanized areas	25 045	23 589	125	163	1 169	413	550	104	51	51
In central cities of (P)MSA's .....	...	...	...	...	...	...	...	...	...	...
Urban fringe	25 045	23 589	125	163	1 169	413	550	104	51	51
Outside urbanized areas	10 412	8 977	65	47	1 322	304	827	102	64	26
Other urban	2 827	2 537	21	31	238	78	99	38	15	11
Rural	7 585	6 440	45	16	1 084	228	728	64	49	15
Place Size²										
Less than 2,500 persons	1 591	1 421	11	4	155	48	82	11	11	3
2,500 to 9,999 persons	5 564	5 087	41	52	384	98	195	55	17	18
10,000 to 19,999 persons	5 330	5 007	34	40	249	113	89	21	19	8
20,000 to 49,999 persons	7 198	6 842	43	48	285	111	96	33	17	9
50,000 to 99,999 persons	3 730	3 579	10	19	122	50	44	16	7	6
100,000 to 249,999 persons	1 062	1 015	5	14	29	21	8	-	-	-
250,000 to 499,999 persons	2	2	-	-	-	-	-	-	-	-
500,000 to 999,999 persons	5	5	-	-	-	-	-	-	-	-
1,000,000 persons or more	-	-	-	-	-	-	-	-	-	-

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

²Figures will not add to total, because all units are not in Places.

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS
Table 6-2. Size—Suburbs—Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	35 457	32 566	190	210	2 491	717	1 376	208	115	77
Stories in Structure										
1 to 3	34 647	31 790	190	190	2 478	714	1 376	200	110	77
4 to 6	477	457	-	7	13	3	-	8	4	-
7 or more	332	319	-	13	-	-	-	-	-	-
Rooms										
1 room	288	222	3	14	48	21	7	3	9	9
2 rooms	849	691	9	34	115	33	48	14	4	16
3 rooms	2 801	2 441	10	43	308	100	147	36	17	8
4 rooms	6 014	5 100	22	33	860	192	597	39	20	12
5 rooms	8 040	7 375	33	39	593	134	393	32	26	9
6 rooms	7 503	7 118	41	19	325	153	115	37	16	4
7 rooms	4 845	4 700	18	16	111	40	46	15	8	3
8 rooms	2 815	2 693	28	10	84	30	23	21	9	3
9 rooms or more	2 303	2 226	27	3	47	14	2	10	7	14
Median	5.5	5.6	5.9	3.9	4.4	4.6	4.3	4.9	4.8	3.9
Bedrooms										
None	394	316	4	17	57	24	7	3	9	15
1	4 094	3 599	21	87	388	143	153	55	21	16
2	10 850	9 315	50	52	1 233	296	820	63	35	18
3	14 521	13 762	54	42	662	191	372	56	33	11
4 or more	5 798	5 574	61	12	151	62	25	30	18	17
Median	2.7	2.7	2.9	1.5	2.1	2.1	2.1	2.2	2.3	1.9
Complete Bathrooms										
None	565	424	5	19	118	68	27	6	15	2
1	17 586	15 698	81	142	1 665	509	898	132	70	57
1 and one-half	6 121	5 819	23	13	266	51	179	22	13	-
2 or more	11 184	10 625	81	35	442	89	272	45	17	19

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

Table 6-3. Selected Equipment and Plumbing—Suburbs—Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	35 457	32 566	190	210	2 491	717	1 378	206	115	77
Kitchen										
With complete kitchen facilities	35 028	32 247	187	196	2 399	671	1 359	199	104	66
Air Conditioning										
With air conditioning	21 326	19 771	87	110	1 359	282	902	97	40	37
Central	11 326	10 643	22	33	629	92	456	42	7	31
1 room unit	8 503	5 834	39	66	564	141	362	39	22	-
2 room units or more	3 497	3 294	26	11	166	49	83	17	11	6
None	14 131	12 795	103	100	1 132	434	474	109	75	40
Main Heating Equipment										
Warm-air furnace	19 401	17 882	85	78	1 358	244	966	91	32	24
Steam or hot water system	5 999	5 678	61	84	175	71	11	53	15	27
Electric heat pump	1 460	1 392	5	2	61	13	39	5	2	3
Built-in electric units	2 746	2 602	12	19	113	18	70	10	8	7
Floor, wall or pipeless furnace	1 868	1 715	10	10	133	67	57	5	3	2
Room heaters with flue	1 806	1 514	6	10	275	122	114	18	14	7
Room heaters without flue	792	632	2	-	158	78	49	15	11	5
Portable heaters, fireplaces, stoves	1 159	961	5	8	185	75	69	9	30	2
None	225	191	4	-	31	28	3	-	-	-
Plumbing										
Complete plumbing for exclusive use	35 053	32 263	188	193	2 409	666	1 359	202	105	77
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	172	146	2	15	9	3	3	3	-	-
Some, but not all plumbing facilities	125	105	-	-	20	13	5	-	2	-
No plumbing facilities	107	52	-	1	53	35	10	-	8	-
Source of Water										
Public system or private company	29 771	27 683	153	196	1 738	509	934	154	79	62
Well serving 1 to 5 units	5 443	4 685	31	13	714	198	421	52	32	11
Drilled	4 826	4 177	28	11	609	168	364	40	27	9
Dug	617	508	3	2	105	30	56	12	5	2
Other	243	198	6	-	38	10	22	-	4	4
Telephone										
Telephone (in housing unit)	33 853	31 386	187	179	2 101	606	1 176	183	78	57
No telephone (in housing unit)	1 604	1 180	3	30	390	110	200	23	37	20
Cars and Trucks Available¹										
No cars, trucks or vans	2 594	2 219	13	50	311	132	116	17	23	23
Other households without cars	522	422	4	4	93	25	51	15	2	-
1 car with or without trucks or vans	15 680	14 181	83	104	1 312	329	801	102	50	30
2 cars	12 860	12 152	58	46	604	177	322	55	37	14
3 or more cars	3 801	3 592	33	5	171	54	87	17	2	10
With cars, no trucks or vans	23 998	22 324	136	124	1 415	376	822	132	51	34
1 truck or van with or without cars	7 947	7 194	36	30	686	184	390	55	41	16
2 or more trucks or vans	918	829	5	6	78	24	48	2	-	4

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

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS
Table 6-4. Fuels—Suburbs—Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			Other
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	
Total	35 457	32 566	190	210	2 491	717	1 376	206	115	77
Main House Heating Fuel										
Housing units with heating fuel	35 231	32 375	186	210	2 460	689	1 374	206	115	77
Electricity	6 794	6 305	26	28	436	90	294	30	10	12
Piped gas	19 195	18 009	88	105	992	325	483	86	55	43
Bottled, tank, or LP gas	1 458	1 010	3	1	443	96	321	10	9	7
Fuel oil, kerosene, or other liquid fuel	6 906	6 294	65	76	471	131	236	70	20	15
Coal or coke	166	144	2	—	20	3	4	4	9	—
Wood	678	583	2	—	94	41	34	7	12	—
Other fuel	34	30	—	—	5	2	2	—	—	—
Cooking Fuel										
With cooking fuel	35 418	32 545	190	202	2 481	710	1 376	206	115	74
Electricity	19 896	18 756	98	108	934	293	450	107	51	33
Piped gas	13 299	12 259	77	88	875	285	443	76	45	26
Bottled, tank, or LP gas	2 122	1 448	13	6	655	118	481	23	19	15
Fuel oil, kerosene, or other liquid fuel	50	43	—	—	7	5	2	—	—	—
Coal or coke	8	8	—	—	—	—	—	—	—	—
Wood	38	29	2	—	8	8	—	—	—	—
Other fuel	5	2	—	—	2	2	—	—	—	—
Water Heating Fuel										
With hot piped water	35 457	32 566	190	210	2 491	717	1 376	206	115	77
Electricity	11 720	10 397	58	62	1 203	256	826	64	37	21
Piped gas	19 020	17 999	92	96	834	318	334	95	48	39
Bottled, tank, or LP gas	1 377	1 075	5	3	293	65	195	13	13	7
Fuel oil, kerosene, or other liquid fuel	3 118	2 842	35	46	94	33	9	34	8	10
Coal or coke	32	29	—	—	3	3	—	—	—	—
Wood	44	39	—	2	4	4	—	—	—	—
Other fuel	30	25	—	—	5	2	2	—	—	—
No fuel used	117	60	—	1	55	37	10	—	8	—

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

Table 6-5. Household Composition—Suburbs—Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by--		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		
Total	35 457	32 566	190	210	2 491	717	1 376	206	115	77	
Persons											
1 person	6 747	5 959	40	74	675	179	375	62	36	24	
2 persons	11 283	10 428	52	93	710	218	398	49	33	12	
3 persons	6 414	5 893	28	13	480	122	301	29	11	18	
4 persons	5 977	5 635	31	19	282	79	153	25	22	12	
5 persons	3 102	2 894	18	—	199	73	86	27	6	7	
6 persons	1 260	1 180	2	4	74	18	42	10	4	—	
7 persons or more	674	586	20	8	61	27	22	5	4	4	
Median	2.5	2.5	2.8	1.8	2.3	2.3	2.3	2.3	2.1	2.7	
Age of Householder											
Under 25 years	2 375	1 981	11	38	345	74	226	18	13	14	
25 to 29	3 823	3 439	9	16	359	86	209	24	30	10	
30 to 34	4 335	4 039	12	21	263	76	149	23	9	5	
35 to 44	6 890	6 258	41	18	373	111	201	40	8	12	
45 to 54	5 909	5 516	41	24	328	108	157	33	18	12	
55 to 64	5 919	5 496	39	34	350	113	181	27	17	13	
65 to 74	4 066	3 721	20	26	299	69	176	32	12	10	
75 years and over	2 341	2 116	18	32	176	80	78	9	8	—	
Median	46	46	50	50	42	46	40	44	42	42	
Household Composition by Age of Householder											
2-or-more person households	28 710	26 607	150	136	1 816	538	1 002	144	78	54	
Married-couple families, no nonrelatives	23 347	21 846	92	112	1 297	340	788	93	53	22	
Under 25 years	1 175	939	2	18	216	45	159	2	7	3	
25 to 30 years	2 409	2 204	2	8	195	38	136	9	11	2	
30 to 34 years	2 936	3 108	—	15	157	44	94	10	9	—	
35 to 44 years	5 015	4 770	26	8	211	64	115	26	2	3	
45 to 64 years	8 462	8 029	48	44	341	105	174	33	19	10	
65 years and over	3 179	2 968	15	19	177	45	110	13	5	4	
Other male householder	1 800	1 608	13	10	169	77	59	13	7	13	
Under 45 years	1 188	1 057	9	4	118	56	44	11	—	6	
45 to 64 years	448	409	—	3	36	12	11	2	5	7	
65 years and over	164	142	4	3	14	8	4	—	2	—	
Other female householder	3 582	3 153	45	14	350	122	154	38	18	18	
Under 45 years	1 993	1 731	22	4	236	60	119	26	14	16	
45 to 64 years	1 058	963	14	5	77	40	26	6	2	3	
65 years and over	510	459	9	5	38	22	9	6	1	—	
1-person households	6 747	5 959	40	74	675	179	375	62	36	24	
Male householder	2 636	2 239	22	34	341	88	176	35	31	11	
Under 45 years	1 423	1 242	8	26	149	29	82	15	16	6	
45 to 64 years	677	558	9	3	109	38	48	12	8	3	
65 years and over	536	441	7	5	83	20	46	8	6	3	
Female householder	4 111	3 720	18	39	334	91	199	27	6	12	
Under 45 years	912	839	5	10	59	12	35	5	—	7	
45 to 64 years	1 182	1 055	10	3	114	25	78	7	1	3	
65 years and over	2 017	1 827	3	26	161	54	85	14	5	3	
Years of School Completed by Householder											
No school years completed	192	170	—	—	22	14	6	2	—	—	
Elementary:											
less than 8 years	2 638	2 275	12	14	336	129	153	16	24	14	
8 years	2 482	2 179	23	11	269	79	149	23	12	6	
High school:											
1 to 3 years	4 959	4 368	22	63	506	138	308	24	25	13	
4 years	11 758	10 748	90	60	860	201	519	78	31	30	
College:											
1 to 3 years	6 165	5 794	17	25	329	118	164	36	11	2	
4 years or more	7 264	7 032	27	37	169	42	77	27	11	12	
Median	12.6	12.7	12.4	12.3	12.1	12.0	12.1	12.5	11.5	12.2	

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

Table 6-6. Financial Characteristics—Suburbs—Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	35 457	32 566	190	210	2 491	717	1 378	206	115	77
Household Income										
Less than \$5,000	3 326	2 780	16	41	510	155	254	32	42	27
\$5,000 to \$9,999	4 738	4 107	33	45	553	149	320	50	23	11
\$10,000 to \$14,999	4 741	4 221	22	36	482	142	244	44	15	18
\$15,000 to \$19,999	5 016	4 561	21	15	419	108	271	25	10	4
\$20,000 to \$24,999	4 739	4 462	28	13	236	60	146	17	8	6
\$25,000 to \$29,999	3 806	3 648	13	14	131	34	64	16	14	3
\$30,000 to \$34,999	2 893	2 808	6	13	66	25	35	7	-	-
\$35,000 to \$39,999	1 932	1 854	26	7	44	12	18	7	2	4
\$40,000 to \$49,999	2 148	2 089	11	14	34	21	8	-	-	5
\$50,000 to \$59,999	914	886	10	5	13	6	4	3	-	-
\$60,000 to \$74,999	577	568	-	-	8	-	6	2	-	-
\$75,000 or more	624	602	2	6	14	4	7	3	-	-
Median	19 905	20 710	20 398	12 585	11 973	11 905	12 340	12 505	8 333	10 066
Monthly Housing Costs¹										
Less than \$100	339	287	-	10	41	25	3	9	5	-
\$100 to \$199	1 889	1 747	11	52	179	110	17	24	17	10
\$200 to \$249	2 491	2 310	11	30	139	71	20	19	14	14
\$250 to \$299	3 063	2 929	11	8	115	76	12	17	4	5
\$300 to \$349	2 863	2 563	15	14	71	40	7	8	8	8
\$350 to \$399	2 284	2 218	6	4	55	34	8	9	2	3
\$400 to \$449	1 827	1 782	3	9	23	10	3	8	3	-
\$450 to \$499	1 598	1 567	14	4	13	4	-	4	2	-
\$500 to \$599	2 388	2 319	9	12	49	18	12	13	2	5
\$600 to \$699	1 557	1 535	14	-	8	3	2	3	-	-
\$700 to \$799	852	834	2	3	13	5	5	-	-	3
\$800 or more	1 442	1 415	7	11	9	7	-	2	-	-
No cash rent	548	472	3	3	70	34	15	9	9	3
Median	385	371	383	226	250	246	270	267	-	-
OWNER OCCUPIED UNITS										
Total	25 164	23 424	137	72	1 531	307	1 045	97	51	32
Value²										
Less than \$10,000	283	248	-	3	32	21	6	5	-	-
\$10,000 to \$19,999	1 835	1 778	2	-	55	35	3	6	11	-
\$20,000 to \$29,999	1 661	1 612	7	6	36	26	6	3	1	-
\$30,000 to \$39,999	2 577	2 525	12	3	37	23	7	3	4	-
\$40,000 to \$49,999	3 040	2 972	11	3	54	33	2	15	4	-
\$50,000 to \$59,999	2 779	2 712	12	5	50	22	9	14	-	4
\$60,000 to \$69,999	2 472	2 441	15	8	10	4	4	3	3	2
\$70,000 to \$79,999	1 932	1 895	6	4	28	13	8	4	-	3
\$80,000 to \$99,999	2 126	2 101	5	-	20	7	4	5	2	3
\$100,000 to \$124,999	1 116	1 089	6	8	13	5	2	-	3	3
\$125,000 to \$149,999	635	625	5	-	5	2	-	3	-	-
\$150,000 to \$199,999	588	575	4	3	5	3	-	-	-	2
\$200,000 or more	354	344	5	-	5	3	-	-	-	3
Median	58 487	56 722	60 616	-	42 636	36 092	-	49 592	-	-
Mortgages Currently on Property³										
None, owned free and clear	6 002	5 786	31	13	172	98	24	32	9	9
With mortgage or land contract	13 596	13 340	57	21	178	94	29	29	18	7
One mortgage or land contract	12 164	11 943	54	19	147	79	27	25	12	4
Two mortgages or more	1 432	1 396	2	3	30	15	2	5	6	3
Monthly Payment to Lender³										
Less than \$100	969	935	3	-	31	19	4	3	4	-
\$100 to \$199	3 504	3 434	10	2	59	33	9	10	6	-
\$200 to \$249	1 700	1 671	18	-	12	9	-	3	-	-
\$250 to \$299	1 558	1 529	8	-	21	10	4	2	3	2
\$300 to \$349	1 359	1 349	-	-	10	-	-	4	4	3
\$350 to \$399	1 090	1 079	2	-	8	2	3	3	-	-
\$400 to \$449	876	853	2	8	12	6	-	2	-	3
\$450 to \$499	602	577	9	-	16	10	4	4	2	-
\$500 to \$599	815	802	2	3	8	4	-	-	-	-
\$600 to \$699	484	479	2	3	3	-	-	-	-	-
\$700 to \$799	225	217	-	6	2	-	-	2	-	-
\$800 to \$999	250	250	-	-	-	-	-	-	-	-
\$1,000 to \$1,249	105	105	-	-	-	-	-	-	-	-
\$1,250 to \$1,499	28	26	-	-	-	-	-	-	-	-
\$1,500 or more	32	32	-	-	-	-	-	-	-	-
Median	270	271	-	-	199	186	-	-	-	-
Monthly Housing Costs⁴										
Less than \$100	8	8	-	-	-	-	-	-	-	-
\$100 to \$199	507	484	2	-	21	17	-	3	-	-
\$200 to \$249	858	827	2	-	30	20	-	2	4	-
\$250 to \$299	1 246	1 222	7	-	16	6	-	5	6	-
\$300 to \$349	1 259	1 238	7	-	14	8	-	2	5	-
\$350 to \$399	1 383	1 368	4	-	11	9	-	2	-	-
\$400 to \$449	1 372	1 356	2	2	13	5	-	5	3	-
\$450 to \$499	1 233	1 210	9	3	12	4	-	4	4	-
\$500 to \$599	1 993	1 954	7	3	29	12	-	9	2	5
\$600 to \$699	1 389	1 372	12	-	5	-	-	3	-	-
\$700 to \$799	815	802	-	3	11	5	-	-	-	3
\$800 or more	1 442	1 415	7	11	9	7	-	2	-	-
No cash rent	-	-	-	-	-	-	-	-	-	-
Median	455	455	-	-	371	318	-	-	-	-

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

Table 6-6. Financial Characteristics—Suburbs—Occupied Units—Con.

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—						
			Conversion	Merger	Total	Demolition or disaster	Other means				
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other	
RENTER OCCUPIED UNITS											
Total	10 293	9 142	53	138	960	409	332	109	64	45	
Monthly Housing Costs⁵											
Less than \$100	331	280	-	10	41	25	3	-	-	-	-
\$100 to \$199	1 482	1 263	9	52	158	93	17	9	5	10	
\$200 to \$249	1 633	1 484	10	30	109	51	16	21	17	14	
\$250 to \$299	1 817	1 707	4	8	98	70	7	17	4	5	
\$300 to \$349	1 404	1 324	8	14	58	34	7	11	3	8	
\$350 to \$399	902	850	2	4	45	25	6	6	2	3	
\$400 to \$449	455	437	2	7	10	4	3	9	-	-	
\$450 to \$499	364	357	6	-	2	-	-	3	-	2	
\$500 to \$599	395	364	2	9	20	6	4	11	-	-	
\$600 to \$699	168	163	2	-	3	3	-	-	-	-	
\$700 to \$799	38	32	2	-	2	-	2	-	-	-	
\$800 or more	-	-	-	-	-	-	-	-	-	-	
No cash rent	548	472	3	3	70	34	15	9	9	3	
Median	279	282	...	208	234	237	239	239	...	...

¹Limited 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.

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

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

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

⁵Excludes 1-unit structures on 10 acres or more.

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

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

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Total	Demolition or disaster	Units lost through—			
			Conversion	Merger			House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	18 880	16 054	68	103	2 655	784	1 465	175	154	78
Tenure										
Owner occupied	13 832	12 192	50	33	1 557	368	1 031	65	60	32
Percent of all occupied	73.3	75.9	73.0	31.8	58.6	46.9	70.4	37.5	39.0	41.5
Renter occupied	5 048	3 861	18	70	1 099	416	434	109	94	45
Race and Origin¹										
White	17 231	14 784	68	96	2 283	614	1 333	166	95	74
Non-Hispanic	16 993	14 598	68	96	2 230	590	1 313	188	93	69
Hispanic	239	186	-	-	53	24	21	-	2	6
Black	1 308	1 023	-	7	278	143	78	6	47	3
Other	341	247	-	-	94	27	55	2	11	-
Total Hispanic	392	291	-	-	101	31	48	2	15	6
Units In Structure										
1, detached	13 883	12 839	32	6	1 005	534	210	93	128	41
1, attached	320	296	2	3	19	8	2	7	2	-
2 to 4	1 364	1 091	26	83	164	84	32	35	8	5
5 to 9	406	333	8	10	56	45	-	8	-	3
10 to 19	381	330	-	-	50	17	8	8	2	14
20 to 49	220	194	-	-	26	7	2	9	6	3
50 or more	174	160	-	-	13	-	4	3	-	6
Mobile home or trailer (with no permanent room attached)	2 132	811	-	-	1 321	89	1 207	11	9	6
Condominiums										
Number of condominiums	82	78	2	-	2	-	2	-	-	-
Year Structure Built										
1979 to March 1980	633	482	-	-	151	24	113	2	8	3
1975 to 1978	2 194	1 796	1	5	392	66	314	9	4	-
1970 to 1974	2 519	2 000	-	2	517	51	443	15	4	4
1960 to 1969	3 042	2 601	5	6	430	73	296	25	24	12
1950 to 1959	2 613	2 347	2	14	250	86	102	37	10	15
1940 to 1949	1 974	1 727	6	23	218	101	62	13	30	13
1939 or earlier	5 905	5 101	54	53	697	383	136	74	74	30
Median	1955	1954	1940	1940	1982	1940	1972	1949	1940	1945
Metropolitan/Nonmetropolitan Areas										
Inside metropolitan statistical areas .....	...	...	...	...	...	...	...	...	...	...
In central cities .....	...	...	...	...	...	...	...	...	...	...
Suburbs .....	...	...	...	...	...	...	...	...	...	...
Outside metropolitan statistical areas	18 880	16 054	68	103	2 655	784	1 465	175	154	78
Regions										
Northeast	2 156	1 894	23	19	220	80	101	23	4	12
Midwest	6 247	5 585	25	45	591	193	294	53	36	16
South	7 848	6 416	17	20	1 394	435	753	69	102	35
West	2 629	2 159	3	18	450	77	318	29	11	15
Urbanized Areas										
Inside urbanized areas .....	...	...	...	...	...	...	...	...	...	...
In central cities of (P)MSA's .....	...	...	...	...	...	...	...	...	...	...
Urban fringe	595	510	2	16	66	29	31	3	4	-
Outside urbanized areas	18 288	15 543	66	87	2 589	755	1 435	171	150	78
Other urban	7 731	6 827	42	58	804	287	352	85	26	54
Rural	10 555	8 717	24	29	1 785	468	1 083	86	124	24
Place Size²										
Less than 2,500 persons	2 794	2 425	15	17	337	106	175	31	19	6
2,500 to 9,999 persons	3 414	2 962	27	27	368	119	206	37	13	22
10,000 to 19,999 persons	2 777	2 506	-	22	248	96	83	31	10	28
20,000 to 49,999 persons	2 048	1 794	17	24	210	101	86	16	3	3
50,000 to 99,999 persons	-	-	-	-	-	-	-	-	-	-
100,000 to 249,999 persons	-	-	-	-	-	-	-	-	-	-
250,000 to 499,999 persons	-	-	-	-	-	-	-	-	-	-
500,000 to 999,999 persons	-	-	-	-	-	-	-	-	-	-
1,000,000 persons or more	-	-	-	-	-	-	-	-	-	-

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

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

Table 7-2. Size—Outside Metropolitan Statistical Areas—Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total -----	16 880	16 054	68	103	2 655	784	1 465	175	154	78
Stories In Structure										
1 to 3 -----	18 804	15 968	68	100	2 647	784	1 465	175	154	69
4 to 6 -----	44	41	-	3	-	-	-	-	-	-
7 or more -----	33	24	-	-	9	-	-	-	-	9
Rooms										
1 room -----	126	65	3	4	53	18	18	11	-	6
2 rooms -----	351	244	2	5	100	27	43	15	14	-
3 rooms -----	1 219	885	8	24	302	92	147	29	19	15
4 rooms -----	3 817	2 845	7	38	927	240	590	41	49	7
5 rooms -----	4 891	4 248	12	21	710	187	445	24	28	27
6 rooms -----	4 072	3 726	8	9	329	133	136	30	20	9
7 rooms -----	2 281	2 137	17	2	126	48	51	13	13	-
8 rooms -----	1 096	1 032	1	-	63	22	24	-	6	11
9 rooms or more -----	927	872	9	-	46	17	11	11	4	3
Median -----	5.3	5.4	5.7	4.0	4.4	4.6	4.4	4.3	4.4	4.9
Bedrooms										
None -----	157	88	3	4	61	21	18	14	2	6
1 -----	1 748	1 348	15	33	349	119	142	43	32	13
2 -----	6 470	5 072	16	52	1 328	339	841	65	59	25
3 -----	7 897	7 199	14	12	772	263	408	35	40	26
4 or more -----	2 510	2 346	18	2	144	42	58	18	20	6
Median -----	2.6	2.7	2.4	1.8	2.2	2.2	2.2	2.0	2.2	2.3
Complete Bathrooms										
None -----	861	545	12	11	294	142	87	11	49	5
1 -----	11 748	9 816	36	84	1 813	549	969	130	93	53
1 and one-half -----	2 648	2 401	10	8	227	41	164	12	8	2
2 or more -----	3 625	3 282	10	1	322	51	226	22	5	18

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS
Table 7-3. Selected Equipment and Plumbing—Outside Metropolitan Statistical Areas—Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	18 880	16 054	68	103	2 655	784	1 465	175	154	78
Kitchen										
With complete kitchen facilities	18 383	15 732	65	98	2 488	718	1 415	166	124	64
Air Conditioning										
With air conditioning	9 224	8 037	39	27	1 120	260	704	76	43	37
Central	3 692	3 514	3	5	371	51	289	18	6	7
1 room unit	3 690	3 357	26	20	587	173	333	39	24	17
2 room units or more	1 342	1 167	10	3	162	36	81	18	13	14
None	9 656	8 016	29	76	1 535	524	761	99	111	40
Main Heating Equipment										
Warm-air furnace	8 870	7 529	20	45	1 276	229	929	55	32	31
Steam or hot water system	1 590	1 459	23	17	91	36	24	15	-	16
Electric heat pump	810	565	-	3	41	8	28	-	2	3
Built-in electric units	1 813	1 641	3	8	162	54	80	22	2	4
Floor, wall or pipeless furnace	1 194	1 040	3	5	146	47	60	19	16	3
Room heaters with flue	1 982	1 586	6	10	379	155	151	33	24	16
Room heaters without flue	1 001	765	2	9	224	98	73	18	36	2
Portable heaters, fireplaces, stoves	1 805	1 456	10	6	333	156	117	16	42	2
None	16	13	-	-	2	-	2	-	-	-
Plumbing										
Complete plumbing for exclusive use	18 185	15 628	67	92	2 399	658	1 397	164	107	72
Lacking complete plumbing for exclusive use:										
Complete plumbing but used by another household	84	63	-	6	14	3	6	3	2	-
Some, but not all plumbing facilities	344	200	2	4	138	78	30	2	24	3
No plumbing facilities	267	163	-	-	104	45	31	6	21	2
Source of Water										
Public system or private company	13 042	11 292	58	93	1 600	502	830	135	75	58
Well serving 1 to 5 units	5 275	4 339	8	8	920	234	553	39	73	19
Drilled	4 421	3 679	2	8	732	164	462	35	56	15
Dug	854	661	6	-	187	70	91	4	18	4
Other	563	422	3	2	136	47	83	-	6	-
Telephone										
Telephone (in housing unit)	17 073	14 950	60	86	1 976	571	1 116	144	81	64
No telephone (in housing unit)	1 807	1 103	8	17	679	213	349	31	73	14
Cars and Trucks Available¹										
No cars, trucks or vans	1 868	1 438	18	16	396	169	136	31	43	17
Other households without cars	591	447	3	3	137	29	79	8	11	10
1 car with or without trucks or vans	9 822	8 289	30	62	1 441	381	851	101	67	42
2 cars	5 217	4 630	13	19	555	161	330	28	27	9
3 or more cars	1 383	1 249	4	3	127	44	69	7	6	-
With cars, no trucks or vans	9 696	8 304	31	67	1 294	374	721	100	65	35
1 truck or van with or without cars	6 387	5 495	17	20	854	210	545	37	44	18
2 or more trucks or vans	930	816	2	-	112	31	64	7	2	7

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

SECTION B. 1980 CHARACTERISTICS OF HOUSING UNITS REMOVED FROM THE INVENTORY SINCE 1980 AND SAME UNITS
Table 7-4. Fuels—Outside Metropolitan Statistical Areas—Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			Other
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	
Total	18 880	16 054	68	103	2 655	784	1 465	175	154	78
Main House Heating Fuel										
Housing units with heating fuel	18 884	16 040	68	103	2 653	784	1 463	175	154	78
Electricity	3 392	2 932	5	11	444	101	289	34	9	11
Piped gas	8 229	7 140	35	67	988	318	477	95	68	31
Bottled, tank, or LP gas	2 059	1 515	-	3	541	120	370	17	22	11
Fuel oil, kerosene, or other liquid fuel	3 592	3 133	21	18	420	132	232	20	19	17
Coal or coke	237	196	-	-	41	21	18	2	-	2
Wood	1 334	1 109	7	5	213	91	77	7	36	2
Other fuel	21	16	-	-	6	-	-	-	-	6
Cooking Fuel										
With cooking fuel	18 851	16 040	68	100	2 642	784	1 465	175	152	66
Electricity	11 140	10 077	34	48	983	308	512	87	45	31
Piped gas	4 922	4 021	26	44	831	251	445	60	55	19
Bottled, tank, or LP gas	2 603	1 801	8	8	786	202	502	27	41	15
Fuel oil, kerosene, or other liquid fuel	28	24	-	3	2	-	-	-	-	2
Coal or coke	28	28	-	-	-	-	-	-	-	-
Wood	118	80	-	-	36	21	6	-	9	-
Other fuel	13	9	-	-	4	2	-	-	2	-
Water Heating Fuel										
With hot piped water	18 880	16 054	68	103	2 655	784	1 465	175	154	78
Electricity	8 781	7 472	23	27	1 260	317	793	66	49	35
Piped gas	7 254	6 398	34	59	764	252	364	76	48	24
Bottled, tank, or LP gas	1 610	1 196	2	2	410	107	252	18	25	8
Fuel oil, kerosene, or other liquid fuel	748	676	10	12	50	25	11	9	-	5
Coal or coke	57	49	-	-	8	8	2	-	-	-
Wood	68	48	-	-	19	10	2	-	7	-
Other fuel	17	14	-	-	3	-	-	-	-	3
No fuel used	345	201	-	3	142	67	42	6	25	2

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

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

[Numbers in thousands. Consistent with the 1980 census. ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	18 880	16 054	68	103	2 655	784	1 465	175	154	78
Persons										
1 person	3 971	3 195	24	43	709	199	375	74	39	22
2 persons	6 081	5 267	13	35	766	233	411	48	43	31
3 persons	3 299	2 825	14	8	451	107	302	14	17	12
4 persons	2 955	2 615	8	8	323	94	194	21	10	4
5 persons	1 512	1 270	-	7	235	76	119	14	22	3
6 persons	613	518	5	-	81	35	37	3	17	5
7 persons or more	450	363	4	2	80	40	28	-	7	5
Median	2.4	2.4	2.3	1.7	2.3	2.3	2.4	1.8	2.4	2.0
Age of Householder										
Under 25 years	1 458	1 003	2	22	430	117	269	26	5	13
25 to 29	2 078	1 657	9	24	387	97	232	15	33	9
30 to 34	1 928	1 591	8	5	324	79	188	24	20	13
35 to 44	2 989	2 614	5	8	362	107	214	26	12	3
45 to 54	2 753	2 412	3	9	329	111	175	18	19	6
55 to 64	2 971	2 663	18	8	283	81	167	17	15	3
65 to 74	2 608	2 503	5	8	292	105	133	7	27	20
75 years and over	1 896	1 611	17	19	249	87	87	40	24	11
Median	49	50	59	38	40	44	37	43	49	47
Household Composition by Age of Householder										
2-or-more person households	14 909	12 859	44	60	1 946	585	1 090	101	115	55
Married-couple families, no nonrelatives	12 331	10 779	37	37	1 477	415	877	75	74	38
Under 25 years	791	531	2	8	249	52	173	9	5	10
25 to 30 years	1 469	1 191	5	13	260	67	167	3	18	5
30 to 34 years	1 407	1 192	8	2	206	48	125	15	14	4
35 to 44 years	2 322	2 086	5	3	227	73	131	14	10	10
45 to 64 years	4 135	3 792	13	5	324	93	196	21	6	9
65 years and over	2 207	1 986	4	6	211	82	86	12	22	9
Other male householder	819	642	2	12	163	58	71	8	16	10
Under 45 years	513	407	-	9	97	30	51	2	4	10
45 to 64 years	198	153	-	-	45	20	13	6	7	-
65 years and over	108	83	2	3	21	9	7	-	5	-
Other female householder	1 759	1 437	5	11	306	111	142	18	25	9
Under 45 years	952	754	-	11	187	67	90	16	10	4
45 to 64 years	460	378	3	-	79	29	42	-	8	-
65 years and over	348	305	3	-	40	15	11	2	7	5
1-person households	3 971	3 195	24	43	709	199	375	74	39	22
Male householder	1 316	948	2	14	352	102	192	30	23	5
Under 45 years	630	432	-	6	193	48	112	21	7	5
45 to 64 years	312	241	-	4	66	26	30	2	8	-
65 years and over	374	276	2	3	82	28	50	7	8	-
Female householder	2 655	2 246	22	30	358	97	183	44	16	17
Under 45 years	368	271	4	8	85	15	55	11	3	-
45 to 64 years	620	511	5	8	96	24	62	7	5	-
65 years and over	1 668	1 465	12	14	177	59	67	26	8	17
Years of School Completed by Householder										
No school years completed	165	130	-	3	32	7	17	-	8	-
Elementary:										
less than 8 years	2 257	1 802	12	9	433	169	181	18	53	12
8 years	2 305	1 975	10	7	313	109	163	22	17	-
High school:										
1 to 3 years	3 028	2 482	13	12	520	165	276	48	16	16
4 years	6 267	5 353	16	37	862	209	537	52	46	17
College:										
1 to 3 years	2 477	2 131	9	13	324	90	188	14	9	13
4 years or more	2 381	2 180	7	23	171	34	93	20	5	19
Median	12.3	12.3	11.8	12.6	12.0	10.6	12.2	11.6	8.9	12.6

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

Table 7-6. Financial Characteristics—Outside Metropolitan Statistical Areas—Occupied Units

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	Units changed by—		Units lost through—					
			Conversion	Merger	Total	Demolition or disaster	Other means			
							House or mobile home moved out	To nonresidential use	Exposed, damaged, or condemned	Other
Total	18 880	18 054	68	103	2 655	784	1 465	175	154	78
Household Income										
Less than \$5,000	3 118	2 443	13	19	642	225	287	56	59	14
\$5,000 to \$9,999	3 725	2 983	9	31	702	253	342	50	25	33
\$10,000 to \$14,999	3 177	2 638	23	32	483	107	308	28	38	4
\$15,000 to \$19,999	2 797	2 449	12	12	325	73	220	13	12	7
\$20,000 to \$24,999	2 294	2 048	8	3	237	64	137	14	14	9
\$25,000 to \$29,999	1 474	1 387	3	3	101	20	78	4	—	—
\$30,000 to \$34,999	885	806	—	—	80	14	49	5	7	4
\$35,000 to \$39,999	493	458	—	3	33	9	18	—	—	—
\$40,000 to \$49,999	445	423	—	—	23	5	15	—	2	3
\$50,000 to \$59,999	202	190	—	—	12	6	2	—	4	3
\$60,000 to \$74,999	130	121	—	—	9	6	4	—	—	—
\$75,000 or more	139	130	—	—	8	2	5	—	2	—
Median	14 088	14 929	12 523	10 248	9 879	8 291	11 674	8 177	8 523	8 733
Monthly Housing Costs¹										
Less than \$100	417	288	4	10	115	68	27	7	10	3
\$100 to \$199	2 007	1 678	11	25	292	177	18	40	29	29
\$200 to \$249	1 431	1 295	7	18	111	62	16	26	7	—
\$250 to \$299	1 259	1 174	2	9	74	41	18	11	3	—
\$300 to \$349	943	896	5	—	42	18	6	5	8	5
\$350 to \$399	715	682	2	—	31	11	12	6	—	2
\$400 to \$449	486	472	—	3	12	5	7	—	—	—
\$450 to \$499	365	354	1	—	10	3	—	3	—	3
\$500 to \$599	396	383	—	—	13	4	2	2	4	—
\$600 to \$699	211	209	—	—	2	—	2	—	—	—
\$700 to \$799	96	92	1	—	2	2	—	—	—	—
\$800 or more	105	105	—	—	—	—	—	—	—	—
No cash rent	667	526	1	5	135	55	29	22	25	5
Median	264	274	—	188	181	172	229	206	173	—
OWNER OCCUPIED UNITS										
Total	13 832	12 192	50	33	1 557	368	1 031	65	60	32
Value²										
Less than \$10,000	628	556	—	—	72	41	6	2	15	7
\$10,000 to \$19,999	1 408	1 320	—	—	87	49	24	7	7	—
\$20,000 to \$29,999	1 732	1 621	15	—	96	53	21	11	8	3
\$30,000 to \$39,999	1 756	1 697	9	—	51	25	7	12	2	5
\$40,000 to \$49,999	1 423	1 386	4	—	31	13	11	4	—	3
\$50,000 to \$59,999	995	968	—	3	24	9	11	—	—	—
\$60,000 to \$69,999	596	588	—	2	8	6	2	—	4	—
\$70,000 to \$79,999	386	381	—	—	5	2	—	—	—	—
\$80,000 to \$99,999	296	288	—	—	7	5	—	—	—	3
\$100,000 to \$124,999	141	139	—	—	—	—	2	—	—	—
\$125,000 to \$149,999	47	47	—	—	2	—	—	2	—	—
\$150,000 to \$199,999	29	28	—	—	—	—	—	—	—	—
\$200,000 or more	15	15	—	—	—	—	—	—	—	—
Median	35 458	36 012	—	—	23 411	22 117	25 944	—	—	—
Mortgages Currently on Property³										
None, owned free and clear	4 468	4 236	12	5	215	115	56	17	15	13
With mortgage or land contract	4 948	4 765	17	—	166	88	27	21	21	8
One mortgage or land contract	4 537	4 373	13	—	151	86	22	18	21	5
Two mortgages or more	411	392	4	—	14	3	5	4	—	3
Monthly Payment to Lender³										
Less than \$100	916	862	2	—	52	31	2	9	7	3
\$100 to \$199	1 762	1 698	7	—	57	36	4	9	8	1
\$200 to \$249	695	672	6	—	17	7	6	9	2	2
\$250 to \$299	503	492	—	—	11	2	5	4	—	—
\$300 to \$349	356	346	—	—	10	8	2	—	—	—
\$350 to \$399	228	221	—	—	8	2	2	—	—	3
\$400 to \$449	164	157	—	—	7	—	5	—	2	—
\$450 to \$499	102	98	—	—	4	2	—	—	2	—
\$500 to \$599	119	117	1	—	—	—	—	—	—	—
\$600 to \$699	56	56	—	—	—	—	—	—	—	—
\$700 to \$799	21	21	—	—	—	—	—	—	—	—
\$800 to \$999	10	10	—	—	—	—	—	—	—	—
\$1,000 to \$1,249	12	12	—	—	—	—	—	—	—	—
\$1,250 to \$1,499	2	2	—	—	—	—	—	—	—	—
\$1,500 or more	2	2	—	—	—	—	—	—	—	—
Median	188	190	—	—	154	138	—	—	—	—

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

Table 7-6. Financial Characteristics—Outside Metropolitan Statistical Areas—Occupied Units—Con.

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

Characteristics	Total housing units, 1980	Same units, 1980 and 1991	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	
OWNER OCCUPIED UNITS—Con.										
Monthly Housing Costs⁴										
Less than \$100	5	5	-	-	30	18	5	-	-	-
\$100 to \$199	551	519	3	-	33	19	2	2	7	-
\$200 to \$249	855	819	2	-	19	19	2	10	2	-
\$250 to \$299	780	759	5	-	17	10	2	-	6	-
\$300 to \$349	671	649	5	-	18	6	7	4	-	2
\$350 to \$399	590	570	2	-	9	2	7	-	-	-
\$400 to \$449	429	420	-	-	7	3	-	-	-	3
\$450 to \$499	336	328	1	-	13	4	2	2	4	-
\$500 to \$599	378	363	-	-	2	2	2	-	-	-
\$600 to \$699	205	203	-	-	2	2	-	-	-	-
\$700 to \$799	83	89	1	-	-	-	-	-	-	-
\$800 or more	105	105	-	-	-	-	-	-	-	-
No cash rent .....	...	...	...	...	...	...	...	...	...	...
Median	330	332	...	...	263	265	...	...	...	...
RENTER OCCUPIED UNITS										
Total	5 048	3 881	18	70	1 099	416	434	109	94	45
Monthly Housing Costs⁵										
Less than \$100	413	283	4	10	115	68	27	7	10	3
\$100 to \$199	1 455	1 159	8	25	263	161	13	38	22	29
\$200 to \$249	778	676	5	18	78	43	14	16	5	-
\$250 to \$299	480	415	-	9	55	23	18	11	3	-
\$300 to \$349	271	247	-	-	24	8	4	5	2	5
\$350 to \$399	125	113	-	-	12	5	5	2	-	-
\$400 to \$449	57	52	-	3	3	3	-	-	-	-
\$450 to \$499	29	26	-	-	3	-	-	3	-	-
\$500 to \$599	20	20	-	-	-	-	-	-	-	-
\$600 to \$699	8	6	-	-	-	-	-	-	-	-
\$700 to \$799	3	3	-	-	-	-	-	-	-	-
\$800 or more	-	-	-	-	-	-	-	-	-	-
No cash rent	697	526	1	5	135	55	26	22	25	5
Median	197	204	...	188	162	154	201	192	...	...

¹Limited 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.

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

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

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

⁵Excludes 1-unit structures on 10 acres or more.

Appendix A.

Definitions of Geographic Terms, Subject Characteristics, and Facsimile of the American Housing Survey Questionnaire: 1991

AREA DEFINITIONS

The data shown in this report relate to areas as defined for the 1980 census for urban and rural, and as of 1983, as defined by OMB for the metropolitan and nonmetropolitan areas. The area definitions used in this report were not updated to include any OMB decisions after 1983.

Regions

The standard census geographic regions are used in the tables of this report. States contained in each region are as follows: **Northeast**—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, Pennsylvania, and New Jersey; **Midwest**—Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri, Kansas, Nebraska, North Dakota, and South Dakota; **South**—Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Tennessee, Kentucky, Arkansas, Louisiana, Oklahoma, and Texas; **West**—Montana, Wyoming, Colorado, New Mexico, Arizona, Utah, Idaho, Alaska, Washington, Oregon, Nevada, California, and Hawaii. Some data for the regions are shown in text tables and in the detailed tables throughout Sections A and B.

Urban and rural residence. As defined for the 1980 census, urban housing comprises all housing units in urbanized areas and in places of 2,500 or more inhabitants outside urbanized areas. More specifically, urban housing consists of all housing units in (a) places of 2,500 or more inhabitants incorporated as cities, villages, boroughs (except in Alaska and New York), and towns (except in New England States, New York, and Wisconsin), but excluding those housing units in the rural portions of extended cities; (b) census designated places of 2,500 or more inhabitants; and (c) other territory, incorporated or unincorporated, included in urbanized areas. Housing units not classified as urban constitute rural housing. Information on the historical development of the urban-rural residence definition appears in the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*. PC80-1-A.

Urbanized areas. The major objective of the Census Bureau in delineating urbanized areas is to provide a better separation of urban and rural housing in the vicinity of large cities. In the 1980 census, an urbanized area comprised an

incorporated place and adjacent densely settled (1.6 or more people per acre), surrounding area that together had a minimum population of 50,000. For more information on urbanized areas, refer to the 1980 Population Census PC(1)-A reports.

Metropolitan statistical areas. Metropolitan statistical areas (MSA's) shown in the American Housing Survey are defined by the Office of Management and Budget. By current standards, as published in the Federal Register on January 3, 1980, an area qualifies for recognition as an MSA in one of two ways: If there is a city of at least 50,000 population, or a Census Bureau-defined urbanized area of at least 50,000 with a total metropolitan population of at least 100,000 (75,000 in New England). Except in the New England States, an MSA is defined in terms of entire counties. In New England, MSA's are composed of cities and towns. In addition to the county containing the main city, additional counties are included in an MSA if they are socially and economically integrated with the central county. An MSA may contain more than one city of 50,000 population and may cross State lines.

Central cities. Every metropolitan statistical area has at least one central city, which is usually its largest city. Smaller cities are also identified as central cities if they have at least 25,000 population and meet the following two commuting requirements. First, the city must have at least 75 jobs for each 100 residents who are employed. Second, no more than 60 percent of the city's resident workers may commute to jobs outside the city limits. In addition, any city with at least 250,000 population or at least 100,000 persons working within its corporate limits qualifies as a central city even if it fails to meet the above two commuting requirements. Finally, in certain smaller metropolitan statistical areas, there are places with between 15,000 and 25,000 population that also qualify as central cities, because they are at least one-third the size of the metropolitan statistical area's largest city and meet the two commuting requirements.

GENERAL DEFINITIONS

The 1991 Components of Inventory Change Survey (CINCH) was conducted as part of the 1991 American Housing Survey (AHS). All interviews were conducted by personal visit. The survey interviewers were instructed to

read the questions directly from the questionnaire. The definitions and explanations given for each subject are, to a considerable extent, drawn from various technical and procedural materials used in the collection of the data. These materials helped the field interviewers to understand more fully the intent of each question, and thus, to resolve problems or unusual cases. Additional explanatory information has been added to this portion of the text to assist the user in understanding the statistics.

1991 CINCH procedures. The 1991 CINCH sample included the basic AHS sample, which was selected from the 1980 census; those units involved in a Conversion or Merger that were not in the AHS sample because of current-survey sampling procedures; a sample of new residential units completed since 1980; a sample of units missed in the 1980 decennial census, as determined by a follow-on survey; and a sample of units selected from land area listings, designed to improve coverage of certain hard-to-obtain additions to the inventory. The interviewers made preliminary determinations of the component for each sample unit in the current-year inventory by comparing the address listed in the base year (1980), if any, with its current-year (1991) status. During the comparison process, the interviewer also determined the components' classifications for sample units that had been removed from the housing inventory since the base year and those added to the inventory since the base year. Interviewers also obtained current characteristics for each of the existing units.

COMPARABILITY WITH PREVIOUS CENSUSES AND SURVEYS

Comparability with previous CINCH surveys. Care should be taken in comparing the statistics from the CINCH surveys covering different periods of time. The concepts, definitions, data collection, and processing procedures are essentially the same for previous CINCH surveys. However, the 1991 AHS and CINCH surveys were completely redesigned. A new sample was chosen, a new questionnaire designed, and new weighting procedures developed. Most of the changes were made to improve the quality of the data.

As a result of these changes, however, several items in the redesigned AHS are not comparable to similar data in other CINCH reports, and all such comparisons should be made with caution. Comparisons between a survey like CINCH and other surveys should be made with extreme caution for additional reasons. The shorter- and longer-term estimates cannot simply be increased or decreased to account for the missing or extra years, because components are not additive. For example, do not add together the number of units converted in non-residential use from the 1980 report to the numbers in the 1991 report to obtain an aggregate of the number of units converted from

nonresidential use between 1973 and 1991. Units frequently change back and forth. Units move in and out of the inventory, and units that are considered a loss or addition in one year may not be an addition or a loss in the next year. For example, a single-family house that was converted to multifamily, two-unit use in one year may be changed back in the next. Additionally, estimates of sampling variability and differences in procedures for collecting, editing, and tabulating the data could affect the relationship between the results of various CINCH programs.

The data are not intended to be additive, but are to measure a universe at a distinct point in time and trace it to another distinct point in time. Its major benefit is for the measurement of the type and magnitude of change between these two dates, rather than to obtain a snap-shot accounting of the universe on any one date. For a more detailed discussion of the differences noted after the redesign of the AHS, see Current Housing Reports, H150/91, *American Housing Survey for the United States in 1991*.

Comparability with 1980, 1981, and 1983 Components of Inventory Change Survey. The 1980, 1981, 1983 CINCH was conducted as part of the American Housing Survey. It measured the components of change in the inventory between 1973 and the current year, a 7-, 8-, or 10-year period. These CINCH programs used essentially the same concepts and definitions.

The 1983 Components of Inventory Change Survey report shows only summary characteristics, not detailed household characteristics. The 1980 detailed characteristics did not change substantially by component when the data were reweighted using the newer 1980-based weighting. A difference existed between the weighting procedures used for the 1980 CINCH and the 1981 and 1983 CINCH numbers. The independent household estimates used in the weighting of the 1981 and 1983 CINCH were Current Population Survey (CPS) estimates derived from the 1980 census. The CPS independent household estimates used in the weighting of the 1980 data were derived from the 1970 census.

Comparability with 1970 Components of Inventory Change Survey. The 1970 Components of Inventory Change Survey was conducted as part of the 1970 Census of Housing. It measured the components of change between 1960 and 1970, a 10-year period. This report covers CINCH measurement from April 1980 to October 1991, a period of 5 and one-half years.

Comparability with the 1956 National Housing Inventory and the 1960 Components of Change Survey. The 1956 National Housing Inventory and the 1960 Components of Change Survey used essentially the same concepts as the later CINCH surveys, except for the reporting unit. In the 1956 and 1960 surveys, it was defined as the dwelling unit. In 1970, 1980, 1981, and 1983, it was the

housing unit. Caution should be used when comparing statistics from this report with data from the 1956 or 1960 survey reports for the same reasons stated earlier in other comparability sections.

Comparability with the 1991 American Housing Survey. Most of the concepts used in the CINCH survey are essentially the same as those used in the 1991 AHS National sample. The data were derived from the AHS interviews for the current year (1991), with comparisons being made back to the 1980 census.

Comparability with the 1980 Census of Population and Housing data. The concepts and definitions are essentially the same for items that appear in both the 1980 census and the CINCH reports.

In the 1980 Census of Housing, Volume VI, *Components of Inventory Change* report, units are classified as new construction if constructed in 1974 through October 1980. In this report, units are classified as new construction if constructed after April 1, 1980.

Data on poverty level in the 1980 Census of Housing do not contain the income of household members unrelated to the householder. Consequently, 1980 poverty level is not shown in this report. In the CINCH, current-year data on poverty level include the income of all household members whether or not they are related to the householder.

Current-year income data in the CINCH are based on income for the 12 months prior to interview for those household members 15 years and older. The base-year (1980 Census of Housing) income data uses calendar year 1979 income for household members 15 years and older.

In the 1980 Census of Population, data for years of school completed were based on responses to two questions: the highest grade or year of regular school each household member attended, and whether or not that grade was completed. The response categories for persons who have attended college were modified from earlier censuses, because there was some ambiguity in interpreting responses in terms of number of years of college completed. The modification enhances the reporting of the number of college graduates. In current-year CINCH, data for years of school completed were based on responses to a single question: the highest grade or year of regular school completed by the householder. Therefore, the CINCH may overstate the current-year education level of the householder; that is, respondents may have reported the grade or year in which the householder was currently enrolled or had last been enrolled, whether or not the grade or year was completed.

Differences between the current-year CINCH data and the 1980 census, which is the base year for CINCH, may also be attributed to several other factors. These include the extensive use of self-enumeration in the census in contrast to personal interviewing in the survey; differences in processing procedures and sample design; the sampling variability associated with the sample data from both the

CINCH and the census; the nonsampling errors associated with the survey estimates; and the nonsampling errors associated with census data.

Comparability with Current Construction Reports from the Survey of Construction. The Census Bureau issues several publications under the general titles, "Current Construction Reports." The data for these reports are primarily from the Survey of Construction.

The Survey of Construction consists of approximately 8,300 permit-issuing places throughout the United States. The reports from the survey contain current data on housing starts and completions, construction authorized by building permits, new one-unit structures sold and for sale, characteristics of new housing, and value of new construction put in place. The concepts and definitions used in this report differ from some of those used in the Survey of Construction. The major difference is that the Survey of Construction shows counts and characteristics of housing units in various stages of construction through completion. CINCH shows counts and characteristics of the existing housing inventory. Additional differences between the CINCH and the Survey of Construction may be attributed to factors such as the sampling variability and nonsampling errors of the data from the two surveys, survey procedures and techniques, and processing procedures.

SUBJECT CHARACTERISTICS

Components of Change

The housing inventory has been divided into categories called components to describe units that remain the same in number, as well as the several kinds of changes that occur. The term, "Components of Change," refers to these individual categories, which are designed to explain (1) the source of the 1991 inventory and (2) the disposition of the 1980 inventory. In terms of the 1991 (current year) inventory, the components of change consist of "Same" units, units added through "New construction," units "Added through other sources," units changed by "Conversion," and units changed by "Merger." In terms of the 1980 inventory (base year), the components of change consist of "Same" units, units lost through "Demolition or disaster," units lost through "Other" means, units changed by "Conversion," and units changed by "Merger."

In general, the above classifications were obtained by interviewers making comparisons between units as listed in 1980, and units as listed in 1991, and by a more detailed computer comparison of housing unit status and characteristics. Through the procedures used in this survey, it was possible to classify the components of change on the basis of the situation reported in 1980 and the situation existing in 1991.

Same units. Same units are living quarters that existed in 1980 and remained unchanged in number in 1991. Thus, Same units are common to both the 1980 and 1991

inventories. Units that were changed after 1980, but reverted to one unit by 1991 are also considered Same units. For example, a 1980 single housing unit that was converted to several units and later merged back to one unit, or a housing unit that was changed to nonresidential use and later was restored to residential use is classified as a Same unit. Changes made since 1980 to the characteristics of a housing unit, such as an added bedroom, do not alter its classification as Same, if it is still one housing unit in 1991.

Units changed by Conversion. Conversion refers to the creation of two or more housing units from fewer 1980 units through structural alteration or through a change in how it is used. Structural alteration includes such changes as adding a separate room or building walls to form another housing unit. Change in use is a simple rearrangement in the utilization of space without structural alteration, such as locking a door, which closes off one or more rooms to form a separate housing unit. The term Conversion is applicable to both the 1980 and 1991 inventories. For example, one housing unit in 1980, which was subsequently converted to three housing units, was counted as one unit changed by Conversion for the 1980 statistics and as three units changed by Conversion for the 1991 statistics. Conversion of basement space to separate residential space (an additional unit) is considered to be Conversion to more when the Conversion took place in a single-unit structure. If the Conversion of basement space, or any other nonresidential space took place in a multiunit structure, it is considered to be From Nonresidential Use, and not a Conversion of fewer units to more units. The number of Conversions does not include units that had been converted at some point between 1980 and 1991, but had returned to the 1980 status before the 1991 enumeration.

Units changed by Merger. A Merger is the result of combining two or more 1980 housing units into fewer 1991 units through structural alteration or change in use. Structural alteration includes such changes as the removal of walls or the removal of outside stair access. Change in use may result from a simple rearrangement of space without structural alteration, such as unlocking a door, which formerly separated two housing units. A change in use also occurs when a family occupies both floors of a house that had formerly contained a separate housing unit on each floor.

The term Merger is applicable to both the 1980 and 1991 inventories. For example, two housing units in the 1980 inventory, which subsequently were merged into one housing unit, were counted as two units changed by Merger for the 1980 statistics and as one unit changed by Merger for the 1991 statistics. As with Conversions, units that had merged after 1980, but had changed back to their original status before the 1991 interview are not included in the figures on Mergers.

Caution should be used in comparing certain base-year characteristics for Conversions and Mergers, because much of the decennial data was obtained from self-classification

by respondents. For example, some number of the Mergers are classified as having come from single-unit structures. This is probably because some people considered their apartments to be single units detached from any other. Mobile homes involved in Mergers were probably used as overflow sleeping quarters and as such were considered to be merged with the main unit.

Units added through New construction. Any housing unit built in April 1980 or later is classified as a unit added by New construction. This includes occupied and vacant mobile homes if the model year is 1980 or later. Additionally, a sample of permits for large multiunit buildings was selected, going back to 1979, to obtain characteristics for units in larger structures that might not have been completed by the time of the 1980 census. Characteristics of newly constructed units removed from the housing inventory before the 1991 interview period are not reflected in the New construction figures in this report. Housing units built during the period, but subsequently changed by Conversion or Merger are classified as New construction in terms the number of units existing in the 1991 CINCH survey. For example, a single-family home, built in 1981, but converted to two apartments (first floor and second floor), would be classified as two newly constructed units for the 1991 data. Vacant units under construction at the time of interviewing were interviewed only if construction had proceeded to a point that all exterior windows and doors were installed and the final usable floors were in place. In CINCH, data on New construction were obtained primarily from a sample of units selected from building permits.

Units added through other sources. Any housing unit added to the inventory through any means other than New construction or Conversion is classified as a unit added through Other sources. This component includes the following types of added units:

House or mobile home moved in. Houses or mobile homes moved to site since April 1980. Nationally, units moved in do not result in a net addition to the total inventory, since they also represent units lost from the place from which they were moved. Mobile homes built after April 1980 and moved to their present site are considered new construction. Caution should be used here in comparing mobile home data from the decennial census with the 1991 counts, because mobile homes with a permanent room attached were considered in the census to be single units, detached from any other, and in CINCH data to be mobile homes.

From nonresidential use. Units created from nonresidential space such as a store, detached garage, or barn, or nonresidential space in a multiunit structure, such as a storage or laundry room. By definition, this category does not apply to space converted within a single-family unit. For

example, if a basement in a single-family house is finished and made a separate apartment, this is counted as a Conversion to more units, rather than from nonresidential use.

Other. Units created from living quarters previously classified as group quarters.

The component "From condemned, damaged, or to be demolished," which was shown in the 1980 and 1983 CINCH publications, is not used in the 1991 CINCH report. Because the base year for the 1991 CINCH was the 1980 census, all units in sample were living quarters (either occupied or vacant) in 1980. Cases where condemned or to be demolished properties in 1980 have become housing units by 1991 would be included in the component "From nonresidential use."

Units lost through demolition or disaster. A housing unit that existed in April 1980, and was subsequently torn down, is classified as a unit lost through Demolition. Units destroyed by fire, flood, or other natural cause are classified as units lost through disaster.

Units lost through other means. Any housing unit that existed in April 1980 is counted as lost through Other means if it was lost from the housing inventory through means other than demolition or disaster. This component includes the following types of losses:

House or mobile home moved out. Houses or mobile homes moved from site since April 1980. Nationally, most units moved out do not result in a net loss to the total inventory, because they also represent units added at the new site to which they have been moved.

To nonresidential use. Units lost by change to nonresidential use.

Exposed, damaged, or condemned. Units lost from the inventory because they were vacant and either the roof, walls, doors, or windows no longer protected the interior from the elements, or because the unit was severely damaged by fire. This category also includes vacant units lost from the inventory, because there was positive evidence, such as a sign, notice, or mark on the building or the block that the units were scheduled for demolition, or that they were condemned so that further occupancy was prohibited.

Other. Units lost by change to group quarters, for example, a housing unit that was occupied by a family in 1980 and by nine boarders in 1991, or units that are considered to be losses definitionally, such as an occupied houseboat that becomes vacant. Units lost through Other Means do not include units that were lost during the period but restored as housing units by the 1991 interviewing period. For example, losses do not include 1980 housing units that

were changed to nonresidential use and back to housing units by 1991, or 1980 housing units that became vacant and condemned and were rehabilitated by 1991.

Median We estimate each median from the printed distribution. If there are 10 million homes of a particular type, the median is the 5 millionth, or halfway point of these homes. Therefore, if 4 million homes are below \$400 rent, then the median is the millionth home above \$400. Finally, if the next interval printed in the book (from \$400 to \$449), has 3 million homes, the median is assumed to be one-third of the way through the interval (at \$417). Actually, this technique often overestimates medians by a few percent since most homes cluster at the bottom of their intervals. The clustering happens because landlords ask for rent in round numbers, like \$500, and people give answers in round numbers, like \$20,000 income, or 40 years old. There are two special cases in calculating medians: For education we assume that an interval like "completed 12 years" means 12.00 to 12.99, so one-third of the way through is 12.33. For numbers of people or rooms, we assume an interval like 3 means 2.50 to 3.49, so one-third of the way through is 2.83. This method is used rather than just saying that the median is 3, in order to give a more detailed picture of the distribution. We do not show the median at all if the distribution is estimated to have fewer than 25 sample cases (50,000 homes in a national report).

Living Quarters

For 1991 and 1980, living quarters are classified as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-unit structure, apartment house, hotel or motel, boarding house, or mobile home or trailer.) Living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a warehouse where a watchman lives), as well as in places such as tents, caves, and old railroad cars. We count these as living quarters if they are occupied.

Housing units. For 1991 and 1980, a housing unit is a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. Separate living quarters are those in which the occupants live and eat separately from any other persons in the structure and that have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other groups of related or unrelated persons who share living arrangements (except as described in the section on group quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If the information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing inventory, except that tents, caves, boats, railroad cars, and the like are included only if they are occupied.

Group quarters. The 1991 CINCH and the 1980 census definitions are the same. Group quarters are any living quarters that are not classified as housing units. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living quarters that are occupied by 9 or more persons unrelated to the householder, or by 10 or more unrelated persons.

Hotels, motels, rooming houses, etc. For 1991 and 1980, occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels, motels, and similar places in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit; if the combined quarters contain nine or more roomers unrelated to the householder, or person in charge, they are classified as group quarters. In a dormitory, residence hall, or similar place, living quarters of the supervisory staff and other employees are separate housing units if they satisfy the housing unit criteria; other living quarters are considered group quarters.

Staff living quarters. For 1991 and 1980, living quarters of staff personnel are separate housing units if they satisfy the housing unit criteria. Other living quarters are considered group quarters.

Year-round housing units. For 1991 and 1980, year-round housing units include all units occupied by one or more persons for whom it is their usual residence and all vacant units that are intended by the owner for occupancy at any time of the year. If a unit in a resort area is intended for occupancy on a year-round basis, it is a year-round housing unit, even if vacant.

Occupied housing units. For 1991 and 1980, a housing unit is classified as occupied if a person or group of persons is living in it at the time of the interview, or if the occupants are only temporarily absent, for example, on vacation. However, if the unit is occupied entirely by

persons with a usual place of residence elsewhere, the unit is classified as vacant. By definition, the count of occupied housing units is the same as the count of households.

Race. In the 1991 CINCH and the 1980 census, the classification 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 1991, the classification "Hispanic" refers to the origin of the householder occupying the housing unit. Hispanic origin was determined on the basis of a question that asked for self-identification of persons living in the unit who were Hispanic or Spanish American. Hispanic persons may be of any race.

For 1980, persons of both a Hispanic and another origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

Tenure. For 1991 and 1980, a housing unit is owner occupied if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. Also, a cooperative or condominium unit is owner occupied only if the owner or co-owner lives in it. All other occupied housing units are classified as renter occupied, including housing units rented for cash rent and those occupied without payment of cash rent.

Cooperatives and condominiums. For 1991 a cooperative is a type of ownership whereby a group of housing units are owned by a corporation of member-owners. Each individual member is entitled to occupy an individual housing unit and is a shareholder in the corporation that owns the property.

For 1991 and 1980 a condominium is a type of ownership that enables a person to own an apartment or house in a project of similarly owned units. The owner has the deed and very likely the mortgage on the unit occupied. The owner may also hold common or joint ownership in some or all common areas such as grounds, hallways, entrances, elevators, etc.

Cooperative or condominium ownership may apply to various types of structures including single-family houses, rowhouses, townhouses, etc., as well as apartment units.

For 1980, cooperatives were not shown in census publications. Only condominiums were shown.

Year householder moved into unit. This item appears only in the 1991 data, although it was collected in the 1980 census. The data are based on the information reported for

the householder and refer to the year of latest move. Thus, if the householder moved back into a housing unit he or she previously occupied, the year of the latest move was to be reported; if the householder moved from one apartment to another in the same building, the year the householder moved into the present unit was to be reported. The intent is to establish the year the present occupancy by the householder began. The year the householder moves is not necessarily the same year other members of the household move; although, in the great majority of cases, the entire household moves at the same time. The median year householder moved into unit is rounded to the nearest year.

Owner or manager on property. This item appears only in the 1991 data. These statistics are based on the number of rental housing units in structures of two or more units with the owner or resident manager living on the property.

Vacant housing units. For 1991 and 1980, a housing unit is vacant if no one is living in it at the time of the interview, unless its occupants are only temporarily absent. In addition, a vacant housing unit may be one that is occupied entirely by persons who have a usual residence elsewhere (URE).

New housing units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if unfit for human habitation; that is, if the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store, or an office, or quarters used for storing business supplies or inventory, machinery, or agricultural products.

Time Sharing. This item appears only in the 1991 data. This item is restricted to vacant housing units, including URE's. Time sharing is a form of ownership in which a single property is owned by multiple owners. Each is entitled to occupy the unit for a limited period of time during a specific time of the year. The number of years of ownership may vary depending on the terms of the contract. Participants in time-sharing ownership usually, but not always, receive a deed of ownership.

Duration of vacancy. For 1991 and 1980, the statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the housing unit to the date of the interview. The data, therefore, do not provide a direct measure of the total length of time that units remained vacant. For newly constructed units that have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date that Conversion or Merger was completed.

Previous occupancy. This item appears only in the 1991 data. The statistics presented are restricted to housing units built in 1980 or later. "Previously occupied" indicates that some person or persons not now in the household occupied the housing unit prior to the householder or other related household member's occupancy. "Not previously occupied" indicates that either the householder or some other current household member was the first occupant of the housing unit.

Last used as a permanent residence. This item appears only in the 1991 data. The statistics on "last used as a permanent residence" refer to the length of time (in months) since units that are currently seasonal vacants or URE's were last used as a permanent residence, and are measured as of the date of interview. Units that have always been used for short-term or seasonal occupancy are classified as "Never occupied as permanent home."

Suitability for year-round use. This item appears only in the 1991 data. For vacant housing units that were not intended for year-round use (i.e., seasonal and migratory), the respondent was asked whether the construction and heating of the housing unit made it suitable for the unit to be occupied on a year-round basis. A housing unit is suitable for year-round use if it is built as a permanent structure, properly equipped and insulated for heating as necessitated by the climate, and if it has a heating system that would be adequate during extended cold periods.

Utilization Characteristics

Persons. For 1991 and 1980, all persons occupying the housing unit are counted. These persons include not only occupants related to the householder, but also any lodgers, roomers, boarders, partners, wards, foster children, and resident employees who share the living quarters of the householder. The data on persons show the number of housing units occupied by the specified number of persons. The median for persons is rounded to the nearest tenth.

A person is counted at the usual place of residence for that person. This refers to the place where the person lives and sleeps most of the time. This place is not necessarily the same as a legal residence, voting residence, or domicile.

Rooms. For 1991 respondents were asked for a count of each specific type of room. The answers to these questions are then added together in the tabulations to provide a total count of rooms. Far fewer rooms are missed in this series of questions, which has apparently resulted in lower counts of one- and two-room units than were obtained before 1991. The statistics on rooms are for the number of housing units with a specified number of rooms. Rooms counted include whole rooms used for living purposes,

such as bedrooms, living rooms, dining rooms, kitchens, recreation rooms, permanently enclosed porches that are suitable for year-round use, lodgers' rooms, and other finished and unfinished rooms. Also included are rooms used for offices by a person living in the unit. The median for rooms is rounded to the nearest tenth.

A dining room, to be counted, must be a separate room. It must be separated from adjoining rooms by built-in, floor-to-ceiling walls extending at least a few inches from the intersecting walls. Movable or collapsible partitions or partitions consisting solely of shelves or cabinets are not considered built-in walls. Bathrooms are not counted as rooms.

For 1980, respondents answered a single question asking for a total count of rooms in the unit. The potential to miss specific rooms is high in a question of this type. The 1991 definition applies, but unfinished basements used for storage were not included.

Bedrooms. For 1991 and 1980, the number of bedrooms in the housing unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a hideaway bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified by definition as having no bedroom.

Square footage of unit. This item appears only in the 1991 data. Housing size is shown for single-family detached housing units and mobile homes. Excluded from the calculation of square footage are unfinished attics, carports, attached garages, porches that are not protected from the elements (i.e., screened porches), and mobile home hitches. Both finished and unfinished basements are included. Median square footage is rounded to the nearest foot. Square footage is based on the respondent's estimate of the size of the unit. If the respondent did not know the square footage, the interviewer measured the outside dimensions of the unit. Preliminary evaluation indicates that this item is somewhat unreliable.

Square feet per person. This item appears only in the 1991 data. Square feet per person is computed for each single-family detached housing unit and mobile home by dividing the number of persons in the unit by the square footage of the unit. The figures shown refer to the number of housing units having the specified square feet per person. Median square footage is rounded to the nearest foot.

Lot size. This item appears only in the 1991 data. Lot size includes all connecting land that is owned or rented with the home. Excluded are two-or-more-unit buildings and two-or-more-unit mobile homes. Median lot size is shown to hundredths of an acre.

Structural Characteristics

New construction. This item appears only in the 1991 data. Housing units built or mobile homes made since April 1980 are classified as new construction.

Year structure built. For 1991 and 1980, year structure built refers to when the building was first constructed, not when it was remodeled, added to, or converted. The figures refer to the number of housing units in structures built during the specified periods and in existence at the time of the interview. For mobile homes and trailers, the manufacturer's model year was assumed to be the year built. The data are obtained from the respondents' answers, rather than from public records and are, therefore, subject to reporting variability. Median year built is rounded to the nearest year.

Units in structure. For 1991, data on units in structure were based on the respondents answer to a series of questions. The method of collecting units-in-structure data in 1991 was revised, because previous AHS experience has shown the concept to be difficult for respondents. Respondents particularly had difficulty distinguishing between single-family attached and units in multiunit structures.

In determining the number of housing units in a structure, all units, both occupied and vacant were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential structures.

A structure is a separate building if it has either open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. Structures containing only one housing unit are further classified as detached or attached.

A one-unit structure is detached if it has open space on all four sides, even though it has an adjoining shed or garage. A one-unit structure is attached if it has one or more walls extending from ground to roof that divide it from other adjoining structures and does not share a furnace or boiler with adjoining structures, such as in rowhouses, townhouses, etc.

Mobile homes and trailers are shown as a separate category. When one or more rooms have been added to a mobile home or trailer, it is classified as a mobile home. In previous AHS reports, and the census, such a unit was classified as a one-unit, detached structure.

For 1980, data on units in structure were based on the respondents answer to one question, "How many living quarters, both occupied and vacant, are there in this house (building)?" The category mobile home or trailer included mobile homes, trailers, boats, tents, vans, etc. A mobile home or trailer with a permanent room attached was classified as a one-unit detached structure.

Foundation. This item appears only in the 1991 data. This item is restricted to one-unit buildings and excludes mobile homes. A structure has a basement if there is enclosed

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

Site placement. This item appears only in the 1991 data. This item is restricted to mobile homes. "Site" refers to location and not necessarily a mobile home park site. The mobile home does not have to have been occupied; it only needs to have been set up for occupancy.

Stories in structure. For 1991 and 1980, the statistics presented are restricted to multiunits. Finished attics are included in the number of stories. Unfinished attics are not. For split levels and bi-levels, the number of stories is determined by the highest number of floors that are physically over each other.

Stories between main and apartment entrances. This item appears only in the 1991 data. Data are presented for multiunit structures with two or more floors and are concerned with the number of floors from the main residential entrance level of the building to the main entrance of the unit. "Same floor" indicates that the main entrance of the sample unit is on the same level as the main entrance that residents use to enter the building.

Elevator on floor. This item appears only in the 1991 data. Statistics are shown for the number of housing units in structures with two or more floors that have one or more passenger elevators on the same floor as the sample unit and whether they are in working or nonworking condition. Excluded are elevators used only for freight.

Common stairways. This item appears only in the 1991 data. The statistics on common stairways are presented for multiunit structures with two or more floors that have common stairways. The figures reflect the physical condition of the stairway; i.e., whether there are loose, broken, or missing steps or stair railings. Common stairways are stairways that are usually used by the occupants and guests to get to the doors of the unit. They may be either inside the structure or attached to the outside of the building.

Light fixtures in public halls. This item appears only in the 1991 data. These statistics are presented for housing units in two-or-more-unit structures. Data include whether or not there are light fixtures in the public halls and whether or not some, none, or all of the light fixtures are in working

order. Light fixtures include wall lights, ceiling lights, or table lamps in the public halls of the building. Public halls are used by the occupants and guests to get to their apartment doors.

Water leakage during last 12 months. This item appears only in the 1991 data. Data on water leakage are shown if the leakage occurred in the 12 months prior to the interview or while the household was living in the unit, if less than 12 months. Housing units with water leakage are classified by whether the water leaked in from inside or outside the building and by the most common areas (roof, basement, walls, closed windows, or doors, etc.) or reasons (fixture backed up or overflowed, pipes leaked, etc.) of water leakage.

External building conditions. These items appear only in the 1991 data. The statistics presented are restricted to multiunits. The external condition of the building that contains the sample unit was determined by interviewer observation, as visible from the front of the building or the roadway. The categories were grouped as follows: roof, walls, windows, and foundation.

Roof. A "sagging roof" is a defect indicating continuous neglect, or deep or serious damage to the structure. Only roofs with substantial sagging were included. "Missing roofing material" includes rotted, broken, loose, or missing shingles, tiles, slate, shake, tin, etc., caused by extensive damage from fire, storm, or serious neglect. "Hole in roof" occurs when the missing roof materials expose the interior of the unit directly to the elements. Holes caused by construction activity were not counted unless the construction had been abandoned. "Could not see roof" occurs when possible situations like a high tree, evening interviews, or a flat roof prevent the roof from being visible.

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

Windows. "Boarded-up windows" have been sealed off to protect against weather or entry and include windows and/or doors covered by board, brick, metal, or some other material. "Broken windows" indicate several broken or missing window panes. "Bars on windows" are to protect against unlawful entry. The condition of the windows has no

bearing on this item. The bars can be vertical, horizontal, a metal grating, etc. Windows completely covered with metal sheeting are not included in this category.

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

Could not see foundation. This occurs when landscaping, night interviewing, or some other reason prevents visibility for observation.

Plumbing Characteristics

Plumbing. For 1991, the category "with all plumbing facilities" consists of housing units that have hot and cold piped water, as well as a flush toilet and a bathtub or shower for the exclusive use of the occupants of the unit. All plumbing facilities must be located in the housing unit, but they need not be in the same room. Lacking some plumbing facilities or no plumbing facilities for exclusive use means that the housing unit does not have all three specified plumbing facilities (hot and cold piped water, flush toilet, and bathtub or shower) inside the housing unit, or that some of the plumbing facilities are also for the use of the occupants of other housing units.

For 1980, the above definition applies, but the 1980 census required that the plumbing must be for the exclusive use of the occupants or intended occupants.

Complete bathrooms. For 1991 and 1980, a housing unit is classified as having a complete bathroom if it has a room with a flush toilet, bathtub or shower, a sink, and hot and cold piped water. All facilities must be in the same room to be a complete bathroom. A half bathroom has either a flush toilet or a bathtub or shower, but does not have all the facilities for a complete bathroom.

Source of water. For 1991 and 1980, a public system or private company refers to any source supplying running water to six or more housing units. The water may be supplied by a city, county, water district, or private water company, or it may be obtained from a well that supplies six or more housing units. An individual well that provides water for five or fewer housing units is further classified by whether it is "drilled" or "dug." Water sources such as springs, cisterns, streams, lakes, or bottled water are included in the "other" category.

Water supply stoppage. This item appears only in the 1991 data. Water supply stoppage means that the housing unit was completely without running water from its regular source. Completely without running water means that the water system servicing the unit supplied no water at all, that is, no equipment or facility using running water (in kitchen and bathroom sinks, shower, bathtub, flush toilet,

dishwasher, and other similar items) had water supplied to it, or all were inoperable. The reasons could vary from a stoppage because of a flood or storm, to a broken pipe, to a shutdown of the water system, to a failure to pay the bill, or other reasons.

Data on water supply stoppage are shown if they occurred in the 3 months prior to the interview or while the household was living in the unit if less than 3 months, and if the breakdown or failure lasted 6 consecutive hours or more. Housing units with water supply stoppage are also classified according to the number of times the stoppages occurred.

Sewage disposal. For 1991, a public sewer is connected to a city, county, sanitary district, neighborhood, or subdivision sewer system. Included are only systems operated by a government body or private organization, with a sewage treatment system serving six or more units. Small sewage treatment plants, which in some localities are called neighborhood septic tanks, are classified as public sewers. A septic tank or cesspool is an underground tank or pit used for disposal of sewage (serving five or fewer units). In 1991, a chemical toilet, which may be inside or outside the unit, uses chemicals to break down or dissolve sewage. Housing units for which sewage is disposed of in some other way are included in the "other" category.

For 1980, the above definitions apply, but chemical toilets were included in the Other category.

Sewage disposal breakdowns. This item appears only in the 1991 data. The data on breakdowns in the means of sewage disposal are limited to housing units in which the means of sewage disposal was a public sewer, septic tank, or cesspool. Breakdowns refer to situations in which the system was completely unusable. Examples include a septic tank being pumped because it no longer perked, tank collapsed, tank exploded, sewer main broken, sewer treatment plant not operating as a result of electrical failure or water service interruptions, etc.

Data on breakdowns are shown if they occurred in the 3 months prior to the interview or while the household was living in the unit if less than 3 months, and if the breakdown lasted 6 consecutive hours or more. Housing units with a breakdown in sewage disposal are also classified according to the number of breakdowns.

Flush toilet. For 1991 and 1980, a privy or chemical toilet is not considered a flush toilet. Flush toilets outside the unit were not counted.

Flush toilet breakdowns. This item appears only in the 1991 data. The statistics on breakdowns of flush toilet are shown for housing units with at least one flush toilet for the household's use only. The flush toilet may be completely unusable because of a faulty flushing mechanism, broken pipes, stopped-up soil pipe, lack of water supplied to the flush toilet, or some other reason.

Data on breakdowns are classified by whether any of the flush toilets were working in the 3 months prior to the interview or while the household was living in the unit, if less than 3 months, and the number of times the breakdown lasted 6 hours or more.

Equipment and Fuels

Heating equipment. For 1991, data are shown for the main heating equipment and other heating equipment used in addition to the main heating equipment. More than one category of "other heating equipment" could be reported for the same household. Only one type of equipment was reported as the "main heating equipment." Warm-air furnace refers to a central system that provides warm air through ducts leading to various rooms. Steam or hot water system refers to a central heating system in which heat from steam or hot water is delivered through radiators or other outlets. It also includes solar-heated hot water that is circulated throughout the home. An electric heat pump refers to a heating-cooling system that utilizes indoor and outdoor coils, a compressor, and a refrigerant to pump heat during the winter and pump out heat during the summer. Only heat pumps that are centrally installed with ducts to the rooms are included in this category. Built-in electric units refers to units permanently installed in floors, walls, ceilings, or baseboards. A floor, wall, or other built-in hot-air unit without ducts delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed.

Room heaters with flue include nonportable room heaters in the wall or free standing heaters that burn liquid fuel, and which are connected to a flue, vent, or chimney to remove smoke and fumes. Room heaters without flue include any room heater that burns kerosene, gas, or oil, which does not connect to a flue, vent, or chimney. Portable electric heaters include heaters that receive current from an electrical wall outlet. Stoves refer to ranges, stoves, or Franklin stoves that burn wood, coal, or other solid fuel. Fireplaces with inserts have a fan-forced air circulation system to force the heat into the room. A fireplace without inserts or with only glass door fire screens or fire backs inserted in the back of the fireplace to passively reflect heat is included in the category "fireplace without inserts."

For vacant housing units from which the heating equipment had been removed, the equipment used by the last occupants was to be reported.

For 1980, the census only inquired about main types of heating equipment. Care should be taken in comparing even the main heating equipment categories, because respondents, who did the self-classifications might not have been consistent in categorizing their equipment. Also, the 1980 categories are collapsed and have no "other" category.

Heating equipment breakdowns. This item appears only in the 1991 data. For breakdowns of heating equipment, statistics are shown for housing units occupied by the

householder during the winter prior to the interview. The data are classified by whether the housing unit was uncomfortably cold for 24 hours or more, the number of times equipment breakdowns occurred lasting 6 hours or more, and causes for the breakdowns.

The heating equipment is broken down if it is not providing heat at its normal heating capacity through some fault in the equipment. Utility interruptions occur when there is a cut off in the gas, electricity, or other fuel supplying the heat. Inadequate heating capacity refers to heating equipment that is providing heat at its normal capacity, but the housing unit is still too cold for the occupants. Inadequate insulation refers to air drafts through window frames, electrical outlets, or walls that are cold.

Fuels. For 1991, electricity is generally supplied by means of above or underground electric power lines. Piped gas is gas transported through underground pipes from a central system to serve the neighborhood. Bottled gas is pressurized gas stored in tanks or bottles that are filled or exchanged when empty. Fuel oil is heating oil normally supplied by truck to a storage tank for use by the heating system. Kerosene or other liquid fuel includes kerosene, gasoline, alcohol, and other similar combustible liquids. Coal or coke refers to coal or any coal derivative usually delivered by means of truck. Wood refers to the use of wood or wood charcoal, etc., as a fuel. Solar energy refers to the use of energy available from sunlight as a heating fuel source. Other includes briquettes made of pitch and sawdust, coal dust, waste material like corncobs, purchased steam, or any other fuel not listed.

For 1980, solar energy was not included as a fuel for the census.

Electric fuses and circuit breakers. This item appears only in the 1991 data. These statistics are presented for occupied housing units. The data show whether an electric fuse has blown or circuit breaker has tripped in the home in the 3 months prior to the interview or while the household was living in the unit, if less than 3 months. A blown fuse or tripped breaker switch results in the temporary loss of electricity until the fuse is replaced or the breaker switch is reset. Blown fuses inside major pieces of installed equipment (such as some air conditioners) are counted as blown fuses or tripped breaker switches.

Equipment. This item refers to selected equipment that is in working order and for the household's exclusive use. If there are two or more of the specified appliance in the housing unit, the age of the newest is reported.

Complete kitchen facilities. For 1991 and 1980, a housing unit has complete kitchen facilities when it has all of the following for the exclusive use of the occupants of the unit: (1) an installed kitchen sink, (2) burners, and (3) a mechanical refrigerator. Quarters with only portable cooking equipment are not considered as having a range or cookstove.

An icebox is not included as a mechanical refrigerator. The kitchen facilities are for the exclusive use of the occupants when they are used only by the occupants of one housing unit, including lodgers or other unrelated persons living in the unit.

Kitchen sink. This item appears only in the 1991 data. The sink must be in the unit or on an enclosed porch, but does not have to be in the kitchen. A bathroom sink does not count as a kitchen sink.

Refrigerator. This item appears only in the 1991 data. The refrigerator must be a working mechanical refrigerator. Ice boxes are not counted. The data show whether the equipment is less than 5 years old.

Burners and oven. This item appears only in the 1991 data. The cookstove or range does not have to be mechanical; for example, it can be a wood-burning stove. Microwaves are included in the count of ovens, although toaster ovens are not. Portable burners are excluded from the count of cooking burners. The data show whether the equipment is less than 5 years old.

Dishwasher. This item appears only in the 1991 data. All mechanical dishwashers are included except counter-top dishwashers. The data show whether the equipment is less than 5 years old.

Washing machine. This item appears only in the 1991 data. The washing machine must be mechanical. A wringer washing machine that must be plugged in to run is included in this count. The data show whether the equipment is less than 5 years old.

Disposal in sink. This item appears only in the 1991 data. Only garbage disposals in working order or only temporarily out of order are included. The data show whether the equipment is less than 5 years old.

Clothes dryer. This item appears only in the 1991 data. Clothes dryer must be mechanical. Excluded from the count are hand-operated wringers, hand-turned open dryers, and other hand-operated devices. The data show whether the equipment is less than 5 years old.

Air conditioning. For 1991 and 1980, air conditioning is defined as the cooling of air by a refrigeration unit. Excluded are evaporative coolers, fans, or blowers that are not connected to a refrigeration unit. A room air-conditioning unit is an individual air conditioner that is installed in a window or an outside wall and generally intended to cool one room, although it may sometimes be used to cool several rooms. A central system is a central installation that air conditions the entire housing unit. In an apartment building, a central system may cool all apartments in the building; each apartment may have its own central system;

or there may be several systems each providing central air conditioning for a group of apartments. A central installation with individual room controls is a central air-conditioning system.

Housing and Neighborhood Quality

Selected amenities:

Porch, deck, balcony, or patio. This item appears only in the 1991 data. The porch, deck, balcony, or patio must be attached to the sample unit, not just to the building or free standing. Porches may be enclosed or open.

Telephone available. For 1991, a housing unit is classified as having a telephone if there is a telephone for receiving calls available to the occupants of the unit. The telephone may be located outside or inside the housing unit, and one telephone may serve the occupants of several units. The number of housing units with a telephone available, therefore, does not indicate the number of telephones installed in homes.

For 1980, a unit is classified as having a telephone if there is a telephone in the living quarters. Units where the respondent uses a telephone located inside the building, but not in the respondent's living quarters, are classified as having no telephone.

Usable fireplace. This item appears only in the 1991 data. Excluded are the following: fireplaces that have been blocked off or whose chimney or flue have been filled, decorative or artificial fireplaces, and Franklin stoves. Free-standing fireplaces are included in this item.

Separate dining room. This item appears only in the 1991 data. A separate dining room is an area separated from adjoining rooms by a built-in, floor-to-ceiling wall extending at least a few inches from its intersecting wall. Built-in walls do not include movable or collapsible partitions or partitions consisting solely of shelves and cabinets.

With two or more living rooms, recreation rooms, etc. This item appears only in the 1991 data. It includes family rooms, dens, recreation rooms, and/or libraries.

Garage or carport. This item appears only in the 1991 data. The garage or carport must be on the same property, but does not have to be attached to the house. Off-street parking applies to both owners and renters and is considered to be a driveway or parking area, or for renters, lot privileges that are paid for as part of the rent.

Selected deficiencies:

Signs of rats. This item appears only in the 1991 data. The statistics on signs of rats refer to respondents who reported seeing rats or signs of rats inside the house or building

during the last 3 months or while the household lived there, if less than 3 months. Signs of rats include droppings, holes in the wall, or ripped or torn food containers.

Holes in floors. This item appears only in the 1991 data. Data are shown on whether there are holes in the interior floors of a housing unit. The holes do not have to go all the way through to a lower floor or to the exterior of the unit. The holes must be large enough to cause someone to trip.

Open cracks or holes (interior). This item appears only in the 1991 data. Statistics are presented on whether or not there are open cracks or holes in the interior walls or ceilings of the housing unit. Included are cracks or holes that do not go all the way through to the next room or to the exterior of the housing unit. Hairline cracks, or cracks that appear in the walls or ceilings but are not large enough to insert the edge of a dime, or very small holes caused by nails or other similar objects are not considered to be open cracks or holes.

Broken plaster or peeling paint (interior). This item appears only in the 1991 data. The area of peeling paint or broken plaster must be on the inside walls or ceilings, and at least one area of broken plaster or peeling paint must be larger than 8 inches by 11 inches.

Electric wiring. This item appears only in the 1991 data. A housing unit is classified as having exposed electrical wiring if the unit has any wiring that is not enclosed either in the walls or in metal coverings, or if the unit has any wiring outside the walls enclosed in some material other than metal. Only finished areas of the unit are included. Excluded from the tabulations are appliance cords, extension cords, chandelier cords, and telephone antenna or cable TV wires.

Electric wall outlets. This item appears only in the 1991 data. A housing unit is classified as having rooms without electric wall outlets if there is not at least one working electric wall outlet in each room of the unit. A working electric wall outlet is one that is in operating condition; i.e., can be used when needed. If a room does not have an electric wall outlet, an extension cord used in place of a wall outlet is not considered to be an electric wall outlet.

Cars and Trucks Available:

Cars. For 1991 and 1980, included are passenger cars and station wagons owned or regularly used by one or more household members and ordinarily kept at home. Company cars are counted if used regularly for nonbusiness purposes and kept at home, as well as taxicabs if they are owned by a household member and kept at the sample unit.

For 1991, to obtain a count of all units lacking cars, trucks, or vans, the lines "no cars, trucks, or vans" and "other households without cars" must be added together.

For 1980, a count of all units lacking cars, trucks, or vans cannot be obtained, because the answers to the two separate questions were tallied separately in this publication.

Trucks and vans. The 1991 CINCH and the 1980 census definitions are the same. Included are pickups and small panel trucks of 1-ton capacity or less, and small vans that are owned or regularly used by one or more members of the household and ordinarily kept at home. Company trucks and vans are included if used regularly for nonbusiness purposes and kept at home.

For 1991, to obtain a count of all units lacking trucks or vans, the lines "no cars, trucks or vans" and "with cars, no trucks or vans" must be added together. Except for units falling in the category "no cars, trucks, or vans," all units will fall into two categories. For example, a unit with one car only would fall both in the category "one car with or without trucks or vans" and "with cars, no trucks or vans."

For 1980, a count of all units lacking cars, trucks, or vans cannot be obtained, because the answers to the two separate questions were tallied separately.

Severe physical problems. A unit has severe physical problems if it has any of the following five problems:

Plumbing. This item appears only in the 1991 data. Lacking hot or cold piped water or a flush toilet, or lacking both bathtub and shower, all inside the structure for the exclusive use of the unit.

Heating. This item appears only in the 1991 data. Occupants having been uncomfortably cold last winter for 24 hours or more because the heating equipment broke down, and it broke down at least three times last winter for at least 6 hours each time.

Electrical. This item appears only in the 1991 data. Having no electricity, or all of the following three electric problems: exposed wiring, a room with no working wall outlet; and three blown fuses or tripped circuit breakers in the last 90 days.

Upkeep. This item appears only in the 1991 data. Having any five of the following six maintenance problems: water leaks from the outside, such as from the roof, basement, windows, or doors; leaks from inside structure, such as pipes or plumbing fixtures; holes in the floors; holes or open cracks in the walls or ceilings; more than 8 inches by 11 inches of peeling paint or broken plaster; or signs of rats or mice in the last 90 days.

Hallways. This item appears only in the 1991 data. Having all of the following problems in public areas: no working light fixtures, loose or missing steps, loose or missing railings, and no elevator.

Moderate physical problems. A unit has moderate physical problems if it has any of the following five problems, but none of the severe problems.

Plumbing. This item appears only in the 1991 data. Units reporting problems with their plumbing facilities were counted for this category if on at least three occasions during the last 3 months or while the household was living in the unit, if less than 3 months, all the flush toilets were broken down at the same time for 6 hours or more.

Heating. This item appears only in the 1991 data. Having unvented gas, oil, or kerosene heaters as the primary heating equipment.

Upkeep. This item appears only in the 1991 data. Having any three or four of the overall list of six upkeep problems mentioned above under severe physical problems.

Hallways. This item appears only in the 1991 data. Having any three of the four hallway problems mentioned above under the severe physical problems.

Kitchen. This item appears only in the 1991 data. Lacking a kitchen sink, refrigerator, or burners inside the structure for the exclusive use of the unit.

Overall opinion of structure. This item appears only in the 1991 data. The data presented are based on the respondent's overall opinion of the house or apartment as a place to live. The respondent was asked to rate the structure based on a scale from 1 to 10, where 10 is the best and 1 is the worst.

Overall opinion of neighborhood. This item appears only in the 1991 data. The data presented are based on the respondent's overall opinion of the neighborhood. The respondent defines neighborhood. The respondent was asked to rate the neighborhood based on a scale from 1 to 10, where 10 is the best and 1 is the worst.

Neighborhood conditions. This item appears only in the 1991 data. The statistics presented are based on the respondent's opinion and attitude toward the neighborhood. The respondent defines neighborhood. The respondent was asked a two-part question: (1) If anything about the neighborhood bothered the respondent and (2) if so, what? The interviewer coded the responses into the following categories: crime; noise; traffic; litter or housing deterioration; poor city/county services; undesirable commercial, institutional, or industrial property; people; and other. Multiple responses were allowed. The respondent may not have the same opinion as a neighbor about neighborhood conditions. The respondent's opinion may or may not reflect the actual neighborhood situation.

Description of the area within 300 feet. This item appears only in the 1991 data. The interviewer, through personal observation, marked all of the following categories that describe the area within 300 feet of the building in which the sample unit is located. The interviewer's best estimate of distance was considered to be acceptable. The categories include single-family detached houses(s); single-family attached house(s) or low-rise (1-3 story) multiunit building(s); mid-rise (4-6 story) multiunit building(s); high-rise (7-or-more story) multiunit buildings; and mobile home(s), excluding campers. The category "Commercial, institutional, industrial building(s)" includes all varieties of non-residential structures in offices, hospitals, prisons, water treatment plants, factories, parking garages, churches, hospitals, barns, junkyards, etc. "Residential parking lot(s)" excluded driveways of single-family homes and parking garages where parking is on more than one level. "Body of water" refers to lakes, streams, reservoirs, etc. Swimming pools, temporary pools of water, etc., are excluded. "Open space, park, woods, farm, or ranch" include cemeteries, golf courses, forest preserves, vacant lots, undeveloped land, airport land, school fields, etc.

Age of other residential buildings within 300 feet. This item appears only in the 1991 data. The statistics presented are based on the interviewer's personal observation.

Mobile homes in group. This item appears only in the 1991 data. Mobile homes or mobile home sites gathered close together are considered to be in a "group." This may be a mobile home park, or it may be a number grouped together on adjacent individually owned lots, but not in a mobile home park.

Other buildings vandalized or with interior exposed. This item appears only in the 1991 data. The statistics presented are based on the interviewer's personal observation. A unit is considered to be vandalized if it has most of the visible windows broken, doors pulled off, been badly burned, words or symbols written on it, portions of the roof missing or gone, or in some other way has the interior exposed to the elements.

Bars on windows of buildings. This item appears only in the 1991 data. The statistics presented are based on the interviewer's personal observation. The condition of the windows has no bearing on this item. The windows might be in perfect condition, but the bars might be there to protect against vandalism. Windows that are boarded up or covered with tin are not included.

Condition of streets. This item appears only in the 1991 data. The statistics presented are based on the interviewer's personal observation. Major repairs include large potholes, badly crumbling or deteriorating shoulders and roadsides, deep ruts, etc. Minor repairs include small cracks, shallow holes, or missing minor surfacing.

Trash, litter, or junk on streets or any properties. This item appears only in the 1991 data. The statistics presented are based on the interviewer's personal observation. Major accumulation includes tires, appliances, or large amounts of trash accumulated over a period of time. Minor accumulation includes small amounts of paper, cans, or bottles, but they do not give the impression of long neglect. The building containing the sample unit is included.

Financial Characteristics

For 1991, all of the financial characteristics shown in this report are shown for all renters and/or all owners.

For 1980, tables present financial characteristics for specified owners and specified renters. Specified owners include single-family, owner-occupied units and vacant, for-sale-only units, which are on less than 10 acres, with no business or medical office on the property. The data exclude condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as noncondominium units in multifamily buildings. Specified renters exclude one-unit structures on 10 acres or more.

Value. Value is the respondent's estimate of how much the property (house and lot) would sell for if it were for sale.

For 1991, any nonresidential portions of the property are excluded from the cost. For vacant units, value represents the sale price asked for the property at the time of the interview, and may differ from the price at which the property is sold. Medians for value are rounded to the nearest dollar.

For 1980, value is shown only for specified owner-occupied units.

Income. For 1991, the statistics on income in the American Housing Survey are based on the respondent's reply to questions on income for the 12 months prior to the interview. The 1991 statistics are shown separately for the money income of households and for the money income of families and primary individuals occupying the housing unit (the sum of the income of the householder and all other related members 14 years old and over.)

For 1980, the statistics on income from the census are for the calendar year 1979. The 1980 income figures are shown only for household income.

Both sets of income figures represent the sum of the amounts reported for wage and salary income, self-employment income, interest or dividends, Social Security or railroad retirement income, public assistance or welfare payments, alimony or child support, and all other money income. The figure represents the amount of income received before deductions or personal income taxes, Social Security, union dues, bond purchases, health insurance premiums, Medicare deductions, etc. Medians for income are rounded to the nearest hundred dollars.

Wage or salary income is defined as the total money earnings received for work performed as an employee at any time during the 12-month period prior to the interview. It includes wages, salary, piece-rate payments, commissions, tips, cash bonuses, and Armed Forces pay. Self-employment income is defined as money income received from a business, professional practice, partnership, or farm in which the person was self-employed. Social Security or pensions include cash receipts of Social Security pensions; survivors' benefits, disability insurance programs for retired persons, dependents of deceased insured workers, or disabled workers; and deductions for Medicare and health insurance premiums. Cash receipts of retirement, disability, and survivors' benefit payments made by the U.S. Government under the Railroad Retirement Act are also included. Separate payments received for hospital or other medical care are not included.

Income from all other sources includes money income received from sources such as periodic payments from interest or dividends; net rental income (or loss) from property rentals; net receipts from roomers or boarders; net royalties; public assistance or welfare payments that include cash receipts received from public assistance programs, such as old age assistance, aid to families with dependent children, and aid to the blind or totally disabled; unemployment insurance benefits; workmen's compensation, cash benefits; periodic payments by the Veteran's Administration to disabled veterans; public or private pensions; periodic receipts from insurance policies or annuities; alimony or child support from persons who are not members of the household; net gambling gains; and nonservice scholarships and fellowships.

Receipts from the following sources were not included as income: Value of income "in kind," such as free living quarters, housing subsidies, food stamps, or food produced and consumed in the home; money received from the sale of property (unless the recipient was engaged in the business of selling such property); money borrowed; tax refund; withdrawal of bank deposits; accrued interest on uncashed savings bonds; exchange of money between relatives living in the same household; gifts of money; and lump-sum payments for inheritances, insurance policies, estates, trusts, gifts, etc.

The income statistics and the characteristics of the household refer to different periods in time. In 1991, income data refer to the 12 months prior to the interview, and in 1980, they refer to the calendar year prior to the interview, whereas the household characteristics refer to the day of interview. Thus, family or household income does not include amounts received by persons who were members of the family during all or part of the income period if these persons no longer resided with the family at the time of the interview. On the other hand, family or household income includes income reported by persons who did not reside with the household during the income period but who were members at the time of the interview. For most households, however, the income reported was

received by persons who were members of the household throughout the income period.

Additional differences in the income data may be attributed to factors such as the various ways income questions are asked, the sampling variability and nonsampling errors between the CINCH and other Census Bureau surveys and censuses, survey procedures and techniques, and processing procedures.

Value-income ratio. This item appears only in the 1991 data. The ratio of value to income was computed by dividing the value of the housing unit by the total money income of the family or primary individual. The ratio was computed separately for each housing unit and was rounded to the nearest tenth. For value and income, the dollar amounts were used. Units occupied by families or primary individuals who reported no income or a net loss comprise the category "zero or negative income." Medians for value-income ratio are rounded to the nearest tenth. The income statistics are for the 12 months prior to the date of interview.

Amount of savings and investments. This item appears only in the 1991 data. These data are restricted to families and primary individuals with total incomes of \$25,000 per year or less. Savings includes savings in the bank or other financial institution. It also includes savings in money market accounts. Investments in a farm or business must be owned shares in a business or farm, owned percentage of the capital or assets, investment in a farm or business for which the investor holds a promissory note, or membership in a partnership that has any of the above. Other investments include stocks, bonds, rental property, real estate, antiques, art, certificates of deposit, IRA or KEOGH accounts, commodities, etc.

Food stamps. This item appears only in the 1991 data. These data are restricted to families and primary individuals with total incomes of \$25,000 per year or less. Food stamps are government-issued coupons that can be used to purchase food. The food stamp program is a joint Federal-State program that is administered by State and local governments.

Poverty status. This item appears only in the 1991 data. The poverty data in this report differs from official poverty estimates in two important respects. The first important difference is the use of a poverty definition that is based on household income in place of the official method that is based on the income of the family or the unrelated individual. Under the official approach, the poverty status of two unrelated individuals living together would be determined by comparing the income of each individual to the poverty threshold for an unrelated individual. The result might be that both were in poverty, both were out of poverty, or one was in poverty and one was not. Under the approach used in this report, the two unrelated individuals

were treated as members of a two-person family, and their poverty status was determined by comparing their combined income to the poverty threshold for a two-person family. The effect of using a poverty concept that is based on household income is to undercount the number of persons in poverty relative to the official estimate. A study based on the March 1975 Current Population Survey found that poverty estimates based on a household income concept were about 6 percent lower than official estimates. For more information, see Technical Paper X *Effect of Using a Poverty Definition Based on Household Income*, U.S. Department of Health, Education, and Welfare, 1976. A second important difference between the poverty estimates in this report and the official poverty estimates has to do with the method used to measure income. The official annual poverty estimates are based on data collected in the March supplement to the Current Population Survey. The income questions asked in that survey are very detailed and measure the amount of income received during the previous calendar year. The income questions asked in the CINCH are much less detailed and measure the amount received during the previous 12 months. Because interviews were conducted during the period August through December, the income measures do not pertain to a fixed period. Many of the income questions in the CINCH were asked on a household basis, rather than an individual income basis. The lack of data for individuals made it necessary to adopt a poverty definition based on household income.

Officially, families and unrelated individuals are classified as being above or below the poverty level using the poverty index originated at the Social Security Administration in 1964 and revised by the Federal Interagency Committees in 1969 and 1980. The poverty index is based solely on money income and does not reflect the fact that many low-income persons receive noncash benefits, such as food stamps, Medicaid, and public housing. The index is based on the Department of Agriculture's 1961 Economy Food Plan and reflects the different consumption requirements of families based on their size and composition. The poverty thresholds are updated every year to reflect changes in the Consumer Price Index (CPI). For further details, see Current Population Reports, Series P-60, No. 181, *Poverty in the United States: 1991*.

Year unit acquired. This item appears only in the 1991 data. The year the unit was acquired or inherited refers to the year in which the present owner acquired or inherited the house or apartment; for example, the year the contract was signed. This date may be different from the date when the occupants moved in. If the land and building were bought at different times, the year of the building only was recorded. If there was a land contract only, the year the contract was signed was recorded. Median year acquired is rounded to the nearest year.

First-time owners. This item appears only in the 1991 data. If both the owner and any co-owners have never

owned or co-owned another home as a usual place of residence, then the housing unit was reported as the first home ever owned. Previous homes purchased solely as vacation homes or homes purchased for commercial rental purposes are not to be considered usual residences. However, if a previously owned home was originally purchased as a usual residence and later used as a vacation home or for commercial or rental purposes, the home is considered as being owned as a usual residence.

Purchase price. This item appears only in the 1991 data. The purchase price refers to the price of the house or apartment and lot at the time the property was purchased. Closing costs are excluded from the purchase price, and for mobile homes, the value of the land is excluded. Median purchase price is rounded to the nearest dollar.

Major source of down payment. This item appears only in the 1991 data. This item refers to the source of the cash used for down payment or outright purchase of the property (house and lot). If more than one source applied, the one providing the largest portion of the down payment or outright purchase was recorded. Sale of previous home was indicated only if the previous home was sold during the 12-month period preceding the acquisition of the present home. Savings, or cash on hand, includes money drawn 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 1991, the data are shown for all owner-occupied units. For mobile homes, if there was a separate loan for the mobile home and for the land, two mortgages were recorded.

For 1980, mortgage data are shown only for specified owner-occupied units.

Primary mortgage. This item appears only in the 1991 data. Data are shown in this report for primary mortgages and secondary mortgages. A mortgage is primary if it is the only one on the property. If two or more mortgages exist, one was designated as the primary mortgage. Detailed information on mortgages was collected in the CINCH on the first two mortgages reported even if the unit had three or more mortgages. On the basis of this information, one of the first two mortgages was considered to be the primary mortgage. The definition of the primary mortgage may not agree totally in all cases with legal definitions of a "first mortgage." The Federal government agencies that currently insure or guarantee mortgages or similar debts include the Federal Housing Administration (FHA), the Veteran's Administration (VA), and the Farmers Home Administration (FmHA). The FHA insures home loans made by private lenders. The Farmers' Home Administration provides much the same service as the FHA, but confines its assistance to rural areas. The VA guarantees or insures loans under the Servicemen's Readjustment Act (GI Bill). The following hierarchy was used to determine primary mortgage: (1) A VA, FHA, or FmHA mortgage was automatically considered to be the primary mortgage. (2) If neither mortgage was a VA, FHA, or FmHA mortgage, an assumed mortgage was considered to be the primary mortgage. (3) If none of the above conditions existed, the mortgage obtained the year the home was purchased was considered to be the primary mortgage. (4) If both mortgages were obtained after the year of purchase, the one taken out first was considered to be the primary mortgage. (5) If all the above failed to designate a primary mortgage, the mortgage for the largest initial amount borrowed was considered the primary mortgage. All other mortgages were considered to be secondary.

Type of primary mortgage. This item appears only in the 1991 data. Mortgage insurance is financial protection provided to the lender in case the borrower fails to keep up the required mortgage payments and defaults on the loan. Such insurance protection is offered by both the Government, acting as an insurance agent, and by private mortgage insurance companies. Mortgage loans that are not insured by the FHA, VA, or Farmers' Home Administration are referred to as "conventional" mortgages. Conventional mortgages and mortgage debts insured or guaranteed by State or local government agencies are shown in the tables as "Other types."

Lower cost State and local mortgages. This item appears only in the 1991 data. Data are shown for owners with one or more mortgages. These are loans generally 1 to 3 percent below the current mortgage interest rate at the time the loan was made. The loans are managed through State or local governments. Excluded are Federally funded VA programs.

Mortgage origination. This item appears only in the 1991 data. Data are shown for owner-occupied units with one or more mortgages. For units with new mortgages, data are classified by the date the new mortgage was obtained in relation to the date the property was acquired. An assumed mortgage indicates that the present mortgage is the same mortgage that was assumed from the previous owner when the property was acquired and has not been refinanced. A wrap-around mortgage is a mortgage whose face value encompasses the unpaid balance of the first mortgage(s), plus the amount of any new funds extended by the wrap-around lender. "Combination of the above" means that there was more than one method of origination for the outstanding mortgages on the property.

Payment plans of primary and secondary mortgages.

This item appears only in the 1991 data. Data are presented separately for primary and secondary mortgages. The term "payment" refers to regular principal and interest payments only, and not to payments for real estate taxes, property insurance, etc. Fixed payment, self-amortizing mortgages have payments that do not change during the term of the loan, with the principal payments sufficient to pay the loan completely within the stated term. Adjustable-rate mortgages are mortgages whose interest rates could be changed during the life of the mortgages, changing the amount of the payments required. In adjustable-term mortgages, the amount of the payments required to pay the loan can change over time as interest rates change. Graduated-payment mortgages allow monthly payments to change during the term of the mortgage by means other than a change in interest rate. These mortgages begin with lower payments that rise later in the life of the mortgage. Balloon mortgages are mortgages in which only part or none of the principal is paid during the term of the loan (which commonly is about 5 years.) At the end of the term the principal is paid in one lump sum, refinanced with a new loan, or extended by renewal of the loan.

Lenders of primary and secondary mortgages. This item appears only in the 1991 data. This item is restricted to units with two or more mortgages. The data are classified by whether the money was borrowed from a firm (bank or other organization), the seller of the property, or from another individual. Other organizations consist of mortgage corporations, pension plans, credit unions, savings and loan associations, etc. Individuals include anyone who was not the most recent owner.

Items included in primary mortgage payment. This item appears only in the 1991 data. The respondent was

asked to indicate which items were included in the monthly mortgage payment besides principal and interest. These items included property taxes, property insurance, and other charges. Other charges may include insurance premiums, disability insurance, life insurance, etc.

Year primary mortgage originated. This item appears only in the 1991 data. The year the primary mortgage was originated is the year the mortgage was signed. Medians for year primary mortgage originated are rounded to the nearest year.

Term of primary mortgage at origination or assumption. This item appears only in the 1991 data. Term is the number of years from the date the new owners first obtained the present mortgage to the date the last payment is due according to the terms of the contract. Medians for term of primary mortgage are rounded to the nearest year.

Remaining years mortgaged. This item appears only in the 1991 data. The owner or owner's spouse was asked the length of time it would take to pay the loan at the current payments. The response reflects the amortization schedule. Medians for remaining years mortgaged are rounded to the nearest year.

Current interest rate. This item appears only in the 1991 data. This item refers to the annual percentage rate in effect as of the date of the interview, not the rate when the mortgage was made, nor any imminent changes of which the respondent may be aware. Medians for current interest rate are rounded to the nearest tenth.

Total outstanding principal amount. This item appears only in the 1991 data. The statistics shown represent the total amount of principal that would have to be paid if the loan were paid in full on the date of interview. The formula used to calculate the outstanding principal amount does not take into account the fact that some households make additional principal payments. The resulting data, therefore, may be an overestimate of the total outstanding principal. Medians for outstanding principal amount are rounded to the nearest dollar.

Current total loan as percent of value. This item appears only in the 1991 data. This percentage is computed by dividing the outstanding principal amount by the value of the housing unit. Medians for loan as a percent of value are rounded to the nearest tenth of a percent.

Monthly housing costs. For 1991, monthly housing costs for owner-occupied units are the sum of monthly payments for all mortgages or installment loans or contracts; real estate taxes (including taxes on mobile homes or trailer sites, if the site is owned); property insurance; homeowner's association fee; cooperative or condominium fee; mobile home park fee; land rent; utilities (electricity, gas, water,

and sewage disposal); fuels (oil, coal, kerosene, wood, etc.); and garbage and trash collection. Monthly housing costs are not computed for households with a mortgage or similar debt that failed to report the amount of their loan or contract payment.

For 1980, monthly housing cost data are shown only for specified-owner-occupied units. The data on monthly housing costs for owners are similar to the 1991 definition, but do not include homeowner's association fee, land rent, or garbage and trash collection.

For 1991, monthly housing costs for renters include the contract rent plus the estimated average monthly cost of utilities (electricity, gas, water, and sewage disposal); fuels (oil, coal, kerosene, wood, etc.); property insurance; mobile home land rent; and garbage and trash collection if these items are paid for by the renter (or paid for by someone else, such as a relative, welfare agency, or friend) in addition to rent. Renter housing units occupied without payment of cash rent are shown separately as no cash rent. Monthly housing costs for vacant-for-rent housing units include rent asked.

For 1980, the data are similar to the 1991 definition, but do not include mobile home land rent, or garbage and trash collection. The computed rent is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) if these are paid for by the renter (or paid for the renter by someone else) in addition to the rent. Medians for monthly housing costs are rounded to the nearest dollar.

Monthly housing costs as a percent of income. This item appears only in the 1991 data. The yearly housing costs (monthly housing costs multiplied by 12) are expressed as a percentage of the total income. This percentage is calculated for the same owner- and renter-occupied housing units for which "Monthly housing costs" was computed (for exclusions see "Monthly housing costs"). The percentage was computed separately for each unit and rounded to the nearest percent. The measure also was not computed for units for which occupants reported no income or a net loss.

Rent paid by lodgers. This item appears only in the 1991 data. This item refers to a regular fixed rent, a set amount of money, billed or charged, that is paid at regular intervals by a lodger (usually weekly or monthly) to a member of the household. The data are restricted to lodgers who are 14 years of age or older, nonrelatives of the householder or any co-owners or co-renters, and not a co-owner or co-renter themselves. Medians for rent paid by lodgers are rounded to the nearest dollar.

Property insurance. This item appears only in the 1991 data. This item refers to homeowner's/household's property insurance on the structure and its contents (such as furniture, appliances, clothing, etc.) and usually contains

some liability insurance to protect occupants should visitors have an accident on the premises. Renters usually have household property insurance. The total cost is the most recent charges for the 12-month period preceding the interview for which the occupants have actually been billed. Yearly cost was divided by 12 before calculating a monthly median cost. Medians for property insurance are rounded to the nearest dollar.

Cost and ownership sharing. This item appears only in the 1991 data. This item is restricted to owner-occupied housing units. Shared ownership is two or more names on a deed or title. Shared costs included only payments designated for mortgage or utility costs, whether paid directly to a mortgage or utility company, or to household members. "Not living here" means that one of the persons sharing the ownership or costs is not a household member.

Monthly payment for principal and interest. This item appears only in the 1991 data. The data present the monthly dollar amount paid on the mortgage for principal and interest only. It does not include that portion of the monthly payments used for property taxes, homeowner insurance, and/or other charges. Medians for monthly payment for principal and interest are rounded to the nearest dollar.

Monthly payment to lender. This item appears only in the 1980 data. The data present the monthly dollar amount contracted to be paid. It may include interest, taxes, homeowner insurance, and/or other charges. This item is only shown for specified owner-occupied units.

Real estate taxes. This item appears only in the 1991 data. This item includes special assessments, school taxes, county taxes, and any other real estate taxes. Excluded are payments on delinquent taxes due from prior years. Rebates are subtracted from the total. When the real estate taxes are included with the mortgage, a separate amount for the taxes is obtained. To determine average monthly cost, yearly cost was divided by 12. Medians for real estate taxes are rounded to the nearest dollar.

Annual taxes paid per \$1,000 value. This item appears only in the 1991 data. The annual real estate taxes paid per \$1,000 value of the property (house and lot) are presented. Medians for taxes per \$1,000 value are rounded to the nearest dollar.

Routine maintenance in the last year. This item appears only in the 1991 data. Routine maintenance consists of regular maintenance activities necessary for the preventive care of the structure, property, and fixed equipment items. Included are such things as painting; papering; floor sanding; restoration of some shingles; fixing of water pipes; replacement of parts of large equipment, such as furnace; repairing fences, gutters, sidewalks, decks, or patios; removal

of dangerous trees; termite inspection; etc. Housecleaning is not included. Routine maintenance does not include work reported under the section of repairs, improvements, and alterations. Medians for routine maintenance are rounded to the nearest dollar.

Condominium and cooperative fee. This item appears only in the 1991 data. A condominium fee is a fee charged to the owners of the individual condominium unit on a regular basis. The fee covers all operating and maintenance costs of the common property; for example, halls, lobby parking areas, laundry room, swimming pool, etc., and related administrative costs, such as utilities billed communally, management fees, etc.

The cooperative maintenance fee for a cooperative unit (also called carrying charges) is based on a percentage developed by dividing the value of the unit by the total value of the project at the time the corporation was formed. A cooperative maintenance fee is the share of the annual budget to be borne by the member living in the sample unit, including his/her share of the annual amount paid by the cooperative for real estate taxes, mortgage interest, and operating cost. Medians for condominium and cooperative fees are rounded to the nearest dollar.

Other housing costs per month. This item appears only in the 1991 data. A homeowners' association fee (excludes condominium and cooperative fees) is a fee charged for services such as upkeep of common property (painting hallways, cleaning lobbies, mowing lawns, repairing laundry facilities, paving parking areas, repairing street lights, etc.). The fee may include the use and maintenance of either indoor or outdoor swimming facilities or other recreational facilities (party rooms, tennis courts, basketball courts, exercise rooms, playground areas, etc.). Also, the homeowners' association fee can include payments for security personnel, such as security guards, or services such as telephone answering service, maid service, or other domestic help. Mobile home park fees are regular payments to the park management that could include site rental, utility charges, mail handling, and/or fees for the maintenance of common areas. In a few areas of the country, the people may own the unit, but not the land on which it stands. Land rent refers to land that is rented or leased from the land owner, and "ground rent" is paid. These leases are for long periods of time (50 to 100 years) when originated. The lease obligation transfers with the property and cannot be canceled. Medians for other housing costs are rounded to the nearest dollar.

Rent reductions. This item appears only in the 1991 data. Rent control means that the amount of increase in rent is regulated by law. The jurisdiction, State or local, mandates that percentage rent increases are set and must be approved by a board, agency, department, division, office, etc.

A housing unit is classified as being in a public housing project if the structure in which the unit is located is owned by any local or State government agency, such as a

housing and redevelopment authority or a housing development agency, and operated as public housing. These organizations may receive subsidies from the Federal or State government, but the local agency owns the property.

A housing unit is classified as being subsidized if under certain programs the respondent pays a lower rent because a Federal, State, or local government program pays part of the cost of construction, building mortgage, or operating expenses. These programs include (1) the rental assistance program where part of the rent for low-income families occupying the rental housing units is paid by the Department of Housing and Urban Development (HUD), (2) the FHA interest subsidy programs for rental and cooperative housing for low-income families, (3) the rent supplement program where part of the rent for low-income families occupying certain types of HUD-assisted rental housing projects is paid by the FHA, and (4) the direct loan program of HUD for housing the elderly. Units requiring income verification are subsidized units.

Other activities on property. This item appears only in the 1991 data. Data presented exclude rental units. Property consists of one or more tracts of land that the respondent considers to be the same property, farm, ranch, estate. The tracts may be adjoining or they may be separated by a road, creek, or other piece of land. A commercial establishment, such as a grocery store or veterinary office, may be located in the same building as the sample unit, or it may be located elsewhere on the property. Those housing units that have no recognizable alterations to the outside of the house are not considered as having a commercial establishment. For a condominium, this item refers to the sample unit only. A farm is not classified as a commercial establishment. A medical or dental office is a doctor's or dentist's office regularly visited by patients.

Repairs, improvements, alterations in the last 2 years.

This item appears only in the 1991 data. The statistics refer to the 24 months prior to the date of the interview and are restricted to owner-occupied units. The data are presented according to whether the repairs, improvements, and alterations cost less than \$500 or \$500 or more. The total cost of the labor and materials was to be reported. However, if the labor was performed by the occupants or provided without charge, only the cost of materials was obtained. The cost pertains to the sum of the costs of the jobs if there were more than one job within the 2-year period.

Repairs

Roofs. This item appears only in the 1991 data. Work begun, but never completed, was not counted unless the work was currently in progress. All jobs were included, no matter how small.

Additions. This item appears only in the 1991 data. An addition is floor space built onto, above, or below an existing house in order to increase the enclosed space within the house. All work must have been done after the original construction.

Kitchens. This item appears only in the 1991 data. The existence of each component of a kitchen is asked separately. Kitchens added to space already enclosed within the structure were counted. Remodeling a kitchen could include replacing or adding installed equipment such as a garbage disposal, trash compactor, stove, or refrigerator; or it could include replacing or adding cabinets, counter tops, floors or lighting.

In 1991, vacant units are counted as lacking complete kitchen facilities if one or more of the facilities is absent regardless of what will be present when new occupants move in. It is now felt that the 1991 procedures produce overestimates of units lacking facilities in areas of the country where the facilities are normally provided by the incoming tenants. It may well be that a simple, ideal way of measuring kitchen facilities for vacant units does not exist.

Bathrooms. This item appears only in the 1991 data. Bathrooms added to space already enclosed within the structure were counted. Remodeling a bathroom could include replacing or adding installed equipment such as a shower door and fixtures, or vanity; or replacing or adding cabinets, counter tops, floors, or lighting.

Siding. This item appears only in the 1991 data. Work begun, but never completed, was not counted unless the work was currently in progress. All jobs were included, no matter how small.

Storm doors/windows. This item appears only in the 1991 data. Used storm doors/windows were counted if new to the unit. Windows or doors, which were purchased but not yet installed, were counted as long as the intentions were to install them.

Major equipment. This item appears only in the 1991 data. Only installed equipment was counted. Dehumidifiers, heating equipment, portable dishwashers, or any other equipment that simply plugged in were not counted. Water heaters and heat pumps were counted as major equipment.

Insulation. This item appears only in the 1991 data. Insulation included all forms of materials (foam, weather stripping, caulking), that are to remain in place. Plastic taped over windows in winter, but removed in summer, was not counted.

Other major work. This item appears only in the 1991 data. This category includes other major repairs, alterations, or improvements totaling over \$500 each.

Government subsidy for repairs. This item appears only in the 1991 data. Low interest loans are loans more than 1 percent below the current market rate for home improvements at the time the loan was made. The loans are designed by specific government programs for the purpose of home repair, and the money must be spent that way. Government programs can be Federal, State, or local.

Household Characteristics

Household. The 1991 AHS and the 1980 census definitions are the same. A household consists of all the persons who occupy a housing unit as their usual residence. By definition, the count of households is the same as the count of occupied housing units.

Householder. For 1991, the householder is the first household member 18 years old or over who is the owner or renter of the sample unit. If no household member occupying the sample unit owns or rents the unit, the householder is the first household member listed who is 18 years old or older. In cases where no household member listed owns or rents the unit or is 18 years or older, the first household member listed is the householder.

For 1980, the respondent was asked to designate who was to be the householder.

Household composition by age of householder. For 1991 and 1980, statistics by age of householder are presented separately for two-or-more-person households and for one-person households. Households having two or more persons are further subdivided as follows:

Married-couple families, no nonrelatives. The 1991 AHS and the 1980 Census definitions are the same. Each household in this group consists of the householder and spouse, and other persons, if any, all of whom are related to the householder.

Other male householder. For 1991 and 1980, this category includes two-or-more person households with male householders who are married, but with wife absent because of separation or other reasons where husband and wife maintain separate residences; and male householders who are widowed, divorced, or single. Also included are households with male householder, wife present and nonrelatives living with them.

Other female householder. For 1991 and 1980, this category includes 2-or-more person households with female householders who are married, but with husband absent because of separation or other reason where husband and wife maintain separate residences; and female householders who are widowed, divorced, or single. Also included are households with female householder, husband present, and nonrelatives living with them.

Households consisting of only one person are shown separately for male householder and female householder under the category "one-person households."

Family or primary individual. This item appears only in the 1991 data. Housing units are occupied by either families or primary individuals. The term "family" refers to the householder and all (one or more) other persons living in the same household who are related to the householder by blood, marriage, or adoption. If the householder lives alone or with nonrelatives only, then the householder is considered a primary individual.

Married couples related to the householder of a family are included in the family and are not considered as separate families unless they reside in separate living quarters. A lodger, servant, or other person unrelated to the householder is considered a member of the household, but not of the family.

In the statistics on household composition, families are always included in one of the three major groups of two-or-more-person households. Primary individuals with nonrelatives living with them are tabulated as two-or-more-person households and further subdivided as other male householder or female householder. Primary individuals living alone are always tabulated as one-person households.

Subfamily. This item appears only in the 1991 data. A subfamily is a married couple, with or without children, or one parent with one or more own, single (never married) children under 18 years old living in a household and related to the householder or spouse. The most common example of a subfamily is a young married couple sharing the home of the husband's or wife's parents.

Age of householder. For 1991 and 1980, the age classification refers to the age reported for the householder as of that person's last birthday.

Own never-married children under 18 years old. This item appears only in the 1991 data. Statistics on presence of own children of householders are shown in this report. A child under 18 years old is defined as an own child if he or she is a single (never married) son, daughter, stepchild, or adopted child of a householder. Own children of subfamilies are excluded from the total count of own children.

Single children under 18 years old. This item appears only in the 1991 data. Single children include all persons under 18 years of age, who may or may not be related to the householder and who are not married (i.e., widowed, divorced, separated, or never been married) at the time of the interview.

Adults and single children under 18 years old. This item appears only in the 1991 data. Data are shown for all single children whether related to the householder or not,

by the age categories under 6 years old, 6 to 17 years old, and households containing children in both age groups. The data are further divided by married couples, other households with two or more adults, and households with one adult or none.

Other relative of householder. This item appears only in the 1991 data. This category includes all persons related to the householder by blood, marriage, or adoption, except spouse or own child under 18 years old.

Nonrelative. This item appears only in the 1991 data. A nonrelative of the householder is any person in the household who is not related to the householder by blood, marriage, or adoption. Roomers, boarders, lodgers, partners, resident employees, wards, and foster children are included in this category.

Persons other than spouse or children. This item appears only in the 1991 data. Data are shown for households with the following types of people:

Single adult offspring 18 to 29. This category is restricted to persons who are offspring of the householder or the householder's spouse, 18 to 29 years of age, and not currently married.

Single adult offspring 30 years of age or over. This category is restricted to persons who are offspring of the householder or the householder's spouse, 30 years of age or over, and not currently married.

Households with three generations. This category includes situations where either (1) both one or more children of the householder or spouse and one or more parents of the householder or spouse, or (2) both one or more parents of the householder or spouse and one or more grandparents of the householder or spouse, or (3) both one or more children of the householder or spouse and one or more grandchildren of the householder or spouse live in the unit.

Households with one subfamily. For households with only one subfamily, data are shown for subfamily householders under 30 years of age, 30 to 64 years of age, and 65 years of age and over.

Households with other types of relatives. This category excludes households where the only relatives of the householder present are the householder's spouse or children, and households where no relative of the householder is present.

Co-owners or co-renters. This category includes all households where more than one household member's name is on the deed or ownership, mortgage, land contract, contract to purchase, or similar document; or more than one household member's name is on the lease, or, if there is no lease, more than one household member is responsible for paying the rent.

Lodgers. Counts of lodgers are restricted to households with members unrelated to the householder, and who are 14 years of age and over and are not co-owners, co-renters, or children of co-owners or co-renters who pay rent to another household member.

Unrelated children under 18 years old. This category includes all households with members under 18 years of age who are unrelated to the householder or spouse. The members under 18 cannot be co-owners, co-renters, or lodgers.

Other non-relatives. This category includes all households with members 18 years of age and over who are unrelated to the householder or spouse. The members 18 and over cannot be co-owners, co-renters, or lodgers.

One or more secondary families. A secondary family is a group of two persons or more who are related to each other by birth, marriage, or adoption, but who are not related to the householder. The unrelated secondary family may include persons such as guests, roomers, boarders, or resident employees and their relatives living in a household. The number of unrelated secondary family members is included in the number of household members, but is not included in the count of family members.

Households, none related to each other. None of the household members is related to any other household

member. Persons other than the householder may be co-owners, co-renters, or lodgers.

Years of school completed by householder. For 1991 and 1980, the statistics refer to the highest grade of regular school completed, not to the highest grade attended. For persons still attending school, the highest grade completed is one less than the one in which they are currently enrolled. Regular school refers to formal education obtained in graded public, private, or parochial schools, colleges, universities, or professional schools, whether day or night school, and whether attendance was full or part time. That is, regular schooling is formal education, which may advance a person toward an elementary or high school diploma, college, university, or professional school degree. Schooling or tutoring in other than regular schools is counted only if the credits obtained are regarded as transferable to a school in the regular school system. Householders whose highest grade completed was in a foreign school system or in an ungraded school were instructed to report the approximate equivalent grade (or years) in the regular United States school system. Householders were not reported as having completed a given grade if they dropped out or failed to pass the last grade attended. Education received in the following types of schools is not counted as regular schooling: vocational schools, trade schools, business schools, and noncredit adult education classes.

Facsimile of the American Housing Survey Questionnaire: 1991

FORM AHS-22 (4-73-81) U.S. DEPARTMENT OF COMMERCE BUREAU OF ECONOMIC ANALYSIS AND STATISTICS DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

AMERICAN HOUSING SURVEY NATIONAL SAMPLE 1991

OCCUPIED HOUSING UNITS

1. Control number **- 5 10 1** Segment Serial Sample Check (PSU) (F) (F) (F) (F)

2a. Date of first visit
 0010 Month Day Year

b. Field Representative name

c. Interview method
 0018 1 Personal visit
 2 Telephone

3. Check item (See Central Card item 6.)
 Control number in sample last enumeration period - Fill item 4
 Control number in sample for first time this enumeration period - Skip to item 6

4. (See Central Card items 11 and 14.)
 Are any household members the same this time as last enumeration period?
 0028 1 URE household
 1 Yes
 2 No
 3 Don't know

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

6. Type of interview
 0040 1 Regular occupied - (One or more "11's" in Central Card item 14)
 2 URE occupied (AN "7" in Central Card item 14) - Go to item 124, page 36
 4 Type A noninterview

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

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

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

10-13. WASHINGTON USE ONLY

14a. Field Representative: Is there any information for this sample unit which should be reviewed by the office prior to data keying?
 0135 1 Review not required
 2 Review required

Notes

b. OFFICE USE ONLY
 0136 2 Review completed

15. OFFICE USE ONLY
 a. EDIT FOLLOWUP REQUIRED
 0136 Page Item
 0137 Page Item
 0138 Page Item

b. SOURCE OF RESOLUTION
 0140 1 Respondent
 2 Field Representative
 3 Regional Office staff
 4 Washington
 5 Other - Specify

c. OFFICE USE ONLY
 0141 Editor's code
 0142

16. Language question
 In what language was the interview conducted?
 0143 1 English
 2 Spanish
 3 Other - Specify

17. Address correction/address addition
 - 5 10 1
 First address line
 Second address line
 Place or city
 State ZIP Code

18-19. WASHINGTON USE ONLY

Notes

FORM AHS-22 (4-73-81) Approval Expires 02/31/82

NOTICE - All information which would permit identification of the individual will be held in strict confidence by law under U.S. Code, title 13, section 9a. It may be used only for statistical purposes.

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED	
<p>20. MARK OR ASK — Are your living quarters in a — (Read all answer categories.)</p> <p>1 <input type="checkbox"/> one-unit mobile home? — Skip to item 23 and mark box "4".</p> <p>2 <input type="checkbox"/> one-unit building, detached from any other building? — Skip to item 23 and mark box "1".</p> <p>3 <input type="checkbox"/> one-unit building, attached to one or more buildings? — Skip to item 22a.</p> <p>4 <input type="checkbox"/> building/mobile home with two or more apartments? — Skip to item 21b.</p>	<p>1120 _____ Number — Skip to item 23 and mark box "3" or "5".</p> <p>1150 <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know } Skip to item 22c</p> <p>1160 _____ Number — If one, reask item 22a and correct entry. If more than one, skip to item 23 and mark box "3".</p> <p>1170 <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know } Skip to item 23 and mark box "2".</p> <p>1180 _____ Number — If one, reask item 22c and correct entry. If more than one, skip to item 23 and mark box "3".</p>
<p>21a. WASHINGTON USE ONLY</p> <p>b. How many apartments are in the (building/mobile home)?</p>	<p>1140 _____ Number — Skip to item 23 and mark box "3" or "5".</p>
<p>22a. Does your (house/apartment) share an attic or basement with the (house/apartment) next door?</p>	<p>1150 <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know } Skip to item 22c</p>
<p>b. How many (house/apartments) including your own share the attic or basement?</p>	<p>1160 _____ 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>1170 <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know } Skip to item 23 and mark box "2".</p>
<p>d. How many (house/apartments) including your own share the furnace or boiler?</p>	<p>1180 _____ 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>1210 <input type="checkbox"/> One-unit building — detached <input type="checkbox"/> One-unit building — attached <input type="checkbox"/> Two-or-more-unit building } Skip to item 25a <input type="checkbox"/> Mobile home — one unit } <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>1220 <input type="checkbox"/> With a basement under all the building? <input type="checkbox"/> With a basement under part of the building? <input type="checkbox"/> With a crawl space? <input type="checkbox"/> On a concrete slab? <input type="checkbox"/> In some other way? — Specify 7</p>
<p>25a. Is the (house/apartment) part of a condominium or cooperative?</p>	<p>1230 <input type="checkbox"/> No } Skip to item 26a, page 4. <input type="checkbox"/> Yes, condominium <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><input type="checkbox"/> Yes <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 that (house/apartment) have? (For a one-room efficiency or studio apartment, enter "1" for living room, "1" for dining room, "1" for bedroom, and mark "None" for all other rooms.)</p>	<p>1240 _____ Number <input type="checkbox"/> None</p> <p>1250 _____ Number <input type="checkbox"/> None</p> <p>1260 _____ Number <input type="checkbox"/> None</p> <p>1270 _____ Number <input type="checkbox"/> None</p> <p>1280 _____ Number <input type="checkbox"/> None</p> <p>1290 _____ Number <input type="checkbox"/> None</p>
<p>(1) Bedrooms?</p>	<p>1300 <input type="checkbox"/> Yes <input type="checkbox"/> No — Skip to item 26d</p>
<p>(2) How many full bathrooms with hot and cold running water, AND a sink, AND a flush toilet, AND a bathtub or shower?</p>	<p>1310 _____ Number of family rooms, dens, recreation rooms and/or libraries <input type="checkbox"/> None</p>
<p>(3) How many half bathrooms? (Toilet OR bathtub OR shower)</p>	<p>1320 _____ Number of rooms that are business spaces with direct access to outside <input type="checkbox"/> None</p>
<p>(4) Kitchens?</p>	<p>1330 _____ Number of other rooms, finished or unfinished <input type="checkbox"/> None</p>
<p>(5) Living rooms?</p>	<p>1340 <input type="checkbox"/> Yes — Ask item 26e <input type="checkbox"/> No — Skip to item 27, page 5</p>
<p>(6) Separate dining rooms?</p>	<p>1350 <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>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.)</p>	<p>1360 <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>c. What are they? (Complete all 3 parts.)</p>	<p>1370 _____</p> <p>1380 _____</p> <p>1390 _____</p>
<p>d. Are there any mobile homes or buildings on this (property/site) other than this one? (Use site if unit is a mobile home in a mobile home park.)</p>	<p>1400 <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>e. Is it (are they) —</p>	<p>1410 (1) mobile home(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1420 (2) garage(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1430 (3) some other type of building(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>f. Check item (See item 26e)</p>	<p><input type="checkbox"/> Unit has mobile home on property — Ask item 26g <input type="checkbox"/> Unit does not have mobile home on property — Skip to item 26h, page 5</p>
<p>g. What is the model year of each mobile home?</p>	<p>1440 _____ 1 9 _____</p> <p>1450 _____ 1 9 _____</p> <p>1460 _____ 1 9 _____</p> <p>1470 _____ 1 9 _____</p> <p>1480 _____ 1 9 _____</p>

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED — Continued	
26h. Are any of the rooms in the (fixed categories marked "Yes" in item 26a) lived in enough by members of this household so that they should be counted as part of your living quarters?	1347 <input type="checkbox"/> Yes <input type="checkbox"/> No — Skip to item 27
i. Did you include them when you told me how many rooms you had?	1348 <input type="checkbox"/> Yes — Skip to item 27 <input type="checkbox"/> No
j. What kinds of rooms are they? (Specify kinds and number in item 26i. Then include these rooms in the answers to item 26a through c.)	- B 117
27. Does the (house/apartment) have a trichen sink? (For this household's use only.)	1349 <input type="checkbox"/> Yes <input type="checkbox"/> No
28. Check item (See item 26a.) <input type="checkbox"/> One or more full bathrooms — Skip to item 29c <input type="checkbox"/> No full bathrooms — Ask item 29a	
29a. Does the (house/apartment) have a bathtub or shower for this household's use only?	1350 <input type="checkbox"/> Yes <input type="checkbox"/> No
b. Does the (house/apartment) have a flush toilet for this household's use only?	1360 <input type="checkbox"/> Yes — Skip to item 30a <input type="checkbox"/> No — Skip to item 31a
c. (Is the bathroom/Are the bedrooms) for this household's use only?	1340 <input type="checkbox"/> Yes <input type="checkbox"/> No
30a. In the last 3 months, was there any time when all the toilets in the home were not working? (While household was living here if less than 3 months.)	1370 <input type="checkbox"/> Yes <input type="checkbox"/> No toilet breakdowns — Skip to item 31a
b. How many of these breakdowns lasted 6 hours or more?	1380 _____ Number of toilet breakdowns lasting 6 hours or more 0 <input type="checkbox"/> No toilet breakdowns lasting 6 hours or more
31a. Is all the wiring in the finished areas of your home concealed either in walls or metal coverings? (Exclude appliance cords, extension cords, chandelier cords, telephone, antenna, or cable TV wires.)	1390 <input type="checkbox"/> Yes, concealed <input type="checkbox"/> No <input type="checkbox"/> No electrical wiring — Skip to item 32a
b. Does every room have an electric outlet or wall plug that works?	1400 <input type="checkbox"/> Yes <input type="checkbox"/> No
c. Have any fuses blown or circuit breakers tripped in the last 3 months? (For the home.) (While household was living here if less than 3 months.)	1410 <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know } Skip to item 32a
d. How many times in the last 3 months?	1420 _____ Number
32a. Has water leaked into your home from outside in the last 12 months? (Exclude plumbing or other inside leaks.) (While household was living here if less than 12 months.)	1430 <input type="checkbox"/> Yes <input type="checkbox"/> No — Skip to item 32c
b. Where did the water come in? (Mark (X) all that apply.)	1440 <input type="checkbox"/> Roof <input type="checkbox"/> Basement <input type="checkbox"/> Walls or around closed windows or closed doors <input type="checkbox"/> Other — Specify _____
c. Have there been any leaks in the (house/apartment) from INSIDE the building in the last 12 months? (While household was living here if less than 12 months.)	1450 <input type="checkbox"/> Yes <input type="checkbox"/> No — Skip to item 33a, page 6
d. Where did the water come from? (Mark (X) all that apply.)	1460 <input type="checkbox"/> Own plumbing fixtures backed up and/or overflowed <input type="checkbox"/> Pipes leaked (include pipe leaks from other apartments.) <input type="checkbox"/> Other or unknown — Specify _____

REGULAR OCCUPIED — Continued	
33a. Does the (house/apartment) have hot and cold piped water? (For this household's use only.)	1470 <input type="checkbox"/> Yes <input type="checkbox"/> No — Skip to item 34a
b. What fuel is used MOST to heat the water?	1480 <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"/> Solar energy <input type="checkbox"/> Other — Specify _____
c. Was your home ever completely without running water in the last 3 months? (While household was living here if less than 3 months.)	1490 <input type="checkbox"/> Yes <input type="checkbox"/> No water stoppage — Skip to item 34a
d. How many times was it not available for 6 hours or more?	1500 _____ Water stoppages lasting 6 hours or more 0 <input type="checkbox"/> None lasted 6 hours
34a. Does most of the water for your home used for cooking and drinking come from a public or private system, an individual well, or some other source?	1510 <input type="checkbox"/> Public or private water system — Skip to item 34c <input type="checkbox"/> Individual well — Ask item 34b <input type="checkbox"/> Spring — For this household only <input type="checkbox"/> Stream — For this household only <input type="checkbox"/> Stream or lake — For this household only <input type="checkbox"/> Bottled water — Skip to item 35a <input type="checkbox"/> Other — Specify _____
b. Is the well drilled or dug?	1530 <input type="checkbox"/> Drilled <input type="checkbox"/> Dug
c. Does the (system/well) serve 15 or more houses/apartments?	- B 117 1520 <input type="checkbox"/> Yes — Skip to item 35a <input type="checkbox"/> No — Ask item 34g
d. How many (house/apartment) does the (system/well) serve?	1520 <input type="checkbox"/> Only this house/apartment <input type="checkbox"/> 2 to 5 <input type="checkbox"/> 6 to 9 <input type="checkbox"/> 10 to 14
35a. Is the (house/apartment) connected to a public sewer?	1540 <input type="checkbox"/> Yes — Skip to item 35d <input type="checkbox"/> No
b. What means of sewage disposal does the (house/apartment) have?	1550 <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 _____ <input type="checkbox"/> None Skip to item 36a
c. How many (house/apartment) are connected to the (septic tank/cesspool)?	1560 <input type="checkbox"/> One <input type="checkbox"/> 2 to 5 <input type="checkbox"/> 6 or more
d. Did the sewage system break down in the last 3 months? (So that it was completely unusable.) (While household was living here if less than 3 months.)	1570 <input type="checkbox"/> Yes <input type="checkbox"/> No sewage breakdowns — Skip to item 36a
e. How many of these breakdowns lasted 6 hours or more?	1580 _____ Sewage breakdowns lasting 6 hours or more 0 <input type="checkbox"/> None lasted 6 hours
36a. Does your (house/apartment) have a refrigerator? (For this household's use only.) (Exclude ice boxes.)	1590 <input type="checkbox"/> Yes <input type="checkbox"/> No — Skip to item 37a, page 7
b. Is it more than 5 years old? (Age of newest if two or more.)	1600 <input type="checkbox"/> Yes <input type="checkbox"/> No

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED — Continued

37a. Does your (house/apartment) have a garbage disposal in the sink? 1810 1 Yes 2 No — Skip to item 38a

b. Is it more than 5 years old? 1820 1 Yes 2 No

38a. Does your (house/apartment) have a condenser or range with an oven? (For this household's use only.) (Include microwaves. Exclude toaster-ovens and portable burners.) 1830 1 Yes — Skip to item 38c 2 No

b. Does your (house/apartment) have — (For this household's use only)

(1) an oven? 1840 1 Yes 2 No } if both are "No," skip to item 39a

(2) cooling burners? 1850 1 Yes 2 No

(Exclude portable burners.)

c. (Is (Are) they) more than 5 years old? (Age of newest if two or more.) 1860 1 Yes 2 No

d. What fuel is used MOST for cooking? 1870 Electricity 2 Gas 3 Kerosene or other liquid fuel 4 Coal or coke 5 Wood 6 Other — Specify 7 No fuel used

39a. Does your (house/apartment) have a dishwasher? 1880 1 Yes 2 No — Skip to item 40a

b. Is it more than 5 years old? 1700 1 Yes 2 No

40a. Does your (house/apartment) have a washing machine (---) in the apartment? 1710 1 Yes 2 No — Skip to item 41a

b. Is it more than 5 years old? 1720 1 Yes 2 No

41a. Does your (house/apartment) have a clothes dryer (---) in the apartment? 1730 1 Yes 2 No — Skip to item 42a

b. Is it more than 5 years old? 1740 1 Yes 2 No

c. What kind of fuel does the dryer use? 1750 1 Electricity 2 Gas 3 Other — Specify 7

42a. Does your (house/apartment) have central air conditioning? 1760 1 Yes 2 No — Skip to item 42c

b. What kind of fuel does it use? 1770 1 Electricity 2 Gas 3 Other — Specify 7 } Skip to item 43a, page 8

c. Do you use any room air conditioners? 1780 1 Yes 2 No — Skip to item 43a, page 8

d. How many? 1790 _____ Number

REGULAR OCCUPIED — Continued

43a. What fuel is used MOST for heating the (house/apartment)? 1800 1 Electricity 2 Gas 3 Fuel oil 4 Kerosene or other liquid fuel 5 Coal or coke 6 Wood 7 Solar energy 8 Other — Specify 9 None — Skip to item 44

b. Besides (Fuel marked in item 43a), what other fuel is used for heating the (house/apartment)? (Mark (X) all that apply.) 1810 1 Electricity 2 Gas 3 Fuel oil 4 Kerosene or other liquid fuel 5 Coal or coke 6 Wood 7 Solar energy 8 Other — Specify 9 None

44. Does the (house/apartment) have a water fireplace? 1820 1 Yes 2 No

PLEASE LOOK AT THIS CARD. What type of heating equipment is used MOST to heat the (house/apartment)? (Read answer categories until heating equipment used most is mentioned.) 1840 1 A central warm-air furnace with air vents or ducts to the individual rooms? — Ask item 45b 2 Steam or hot-water system with radiators OR other system using steam or hot water? 3 Electric heat pump? 4 Other built-in electric units permanently installed in wall, ceiling, or baseboards? 5 Floor, wall, or other built-in hot-air heater without ducts? 6 Kerosene, gas, or oil room heaters, STATED in the checklist? 7 UNVENTED kerosene, gas, or oil room heaters? 8 Portable electric heater(s)? 9 Stove(s)? 10 Fireplace(s) WITH inserts, that is, circuits are provided to circulate heat into the room? 11 Fireplace(s) with NO inserts 12 Some other type of heating equipment — Specify 7 Skip to item 45a

MARK OR ASK. b. Is the heating fuel for the furnace electricity? 1840 1 Yes, electricity 2 No — Skip to item 45c

c. Is that a heat pump? 1840 3 Yes 1 No

45a. What other kinds of heating equipment does the (house/apartment) have or use? (Mark (X) all that apply.) 1850 1 A central warm-air furnace with air vents or ducts to the individual rooms 2 Steam or hot-water system with radiators OR other system using steam or hot water 3 Electric heat pump 4 Other built-in electric units permanently installed in wall, ceiling, or baseboards 5 Floor, wall, or other built-in hot-air heater without ducts 6 Kerosene, gas, or oil room heater(s), VENTED to the outside through a chimney, flue, or pipes 7 UNVENTED kerosene, gas, or oil room heaters 8 Stove(s) 9 Fireplace(s) WITH inserts, that is, installed equipment designed to circulate more heat into the room 10 Fireplace(s) with NO inserts 12 Some other type of heating equipment — Specify 7

b. Anything else? Yes — Mark (X) appropriate box(es), then ask item 47a, page 9 No — Ask item 47a, page 9

MARK OR ASK. b. Is the heating fuel for the furnace electricity? 1840 1 Yes, electricity 2 No — Skip to item 46c

c. Is that a heat pump? 1840 3 Yes 1 No

46a. What other kinds of heating equipment does the (house/apartment) have or use? (Mark (X) all that apply.) 1850 1 A central warm-air furnace with air vents or ducts to the individual rooms 2 Steam or hot-water system with radiators OR other system using steam or hot water 3 Electric heat pump 4 Other built-in electric units permanently installed in wall, ceiling, or baseboards 5 Floor, wall, or other built-in hot-air heater without ducts 6 Kerosene, gas, or oil room heater(s), VENTED to the outside through a chimney, flue, or pipes 7 UNVENTED kerosene, gas, or oil room heaters 8 Stove(s) 9 Fireplace(s) WITH inserts, that is, installed equipment designed to circulate more heat into the room 10 Fireplace(s) with NO inserts 12 Some other type of heating equipment — Specify 7

b. Anything else? Yes — Mark (X) appropriate box(es), then ask item 47a, page 9 No — Ask item 47a, page 9

MARK OR ASK. b. Is the heating fuel for the furnace electricity? 1840 1 Yes, electricity 2 No — Skip to item 46c

c. Is that a heat pump? 1840 3 Yes 1 No

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED — Continued

47a. Last winter was there any class where the (house/apartment) was so cold for 24 hours or more that it caused anyone in your household discomfort?
 1999 1 Yes — Ask item 47b } Skip to item 48a
 2 No }
 3 Did not live here last winter

b. Was that because the heating equipment broke down?
 1999 1 Yes }
 2 No, didn't break down — Skip to item 47e
 3 No

c. How many times did (they) did break down for 6 hours or more?
 1999 Number of breakdowns lasting 6 hours or more
 0 None broken for 6 hours

d. Was it cold for any other reason?
 1999 1 Yes }
 2 No — Skip to item 48a

e. What was the reason?
 1999 1 Utility interruption
 2 Inadequate heating capacity
 3 Inadequate insulation
 4 Other — Specify 7.

48a. Does the (house/apartment) have a porch, deck, balcony, or patio?
 1999 1 Yes }
 2 No

b. Does the (house/apartment) have open cracks or holes in the inside walls or ceilings? (Cracks thicker than a dime.)
 1999 1 Yes }
 2 No

c. Does the (house/apartment) have holes in the floors? (Big enough for someone to trip in.)
 1999 1 Yes }
 2 No

d. Does the (house/apartment) have any area of the floor that is more than 1/4 inch higher than 6 inches by 11 inches? (The size of a safety news magazine or standard letter.)
 1999 1 Yes }
 2 No

e. In the last 3 months have you seen any rats or signs of rats in the building?
 1999 1 Yes }
 2 No

49. On a scale of 1 to 10, how would you rate the (house/apartment) as a place to live? 1 is best, 10 is worst.
 1999

50a. How would you rate the neighborhood on a scale of 1 to 10? 1 is best, 10 is worst. (Mark "No neighborhood" if respondent volunteers this answer.)
 2000 0 No neighborhood — Skip to item 51a, page 10
 1 Yes }
 2 No — Skip to item 51a, page 10

b. Is there anything about the neighborhood that bothers you?
 2010 1 No problem
 2 Crime
 3 Noise
 4 Traffic
 5 Litter or housing deterioration
 6 Poor city/county services
 7 Undesirable commercial, institutional, or industrial property
 8 People
 9 Other

c. What? (Write exact words and mark (X) all that apply.)
 2020

REGULAR OCCUPIED — Continued

51b. Check item (Mark (X) first box that applies.) (See Control Card items 9a and 26.)
 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
 Check item (See Control Card item 6b.)
 2025 1 Owned — Skip to item 73a, page 16
 2 Rented — Skip to item 54a, page 14
 3 No cash rent — Skip to item 54c, page 14

52a. What are the reasons you moved from your last residence? (Mark (X) all that apply.)
 2025 1 A private company or person wanted to use it for some purpose
 2 Forced to leave by the government
 3 Disaster loss (fire, flood, etc.)
 4 New job or job transfer
 5 To be closer to work/school/other
 6 Other, financial/employment related
 7 To establish own household
 8 Needed larger house or apartment
 9 Married, widowed, divorced, or separated
 10 Other, family/personal related
 11 Wanted better quality house/apartment
 12 Change from owner to renter OR renter to owner
 13 Wanted lower rent or less expensive house to maintain
 14 Other housing-related reasons
 15 Other — Specify _____

b. MARK if only one box marked (X) in item 52a OR ASK if two or more boxes are marked (X). What is the MAIN reason you moved?
 2070 0 All reasons of equal importance
 1 Box 1 marked in item 52a — Ask item 54a
 2 Box 2 marked in item 52a — Skip to item 54b
 3 Boxes 1 and 2 blank in item 52a — Skip to item 54c

53. Check item (Mark (X) first box that applies.)
 2080 1 Box 1 marked in item 52a — Ask item 54a
 2 Box 2 marked in item 52a — Skip to item 54b
 3 Boxes 1 and 2 blank in item 52a — Skip to item 54c

54a. Did you leave —
 2085 1 Yes — Skip to item 55a, page 11
 2 No

(1) Because the owner, or members of the owner's family were going to move into that residence?
 2090 1 Yes — Skip to item 55a, page 11
 2 No

(2) Because that unit was going to become a condominium or cooperative?
 2100 1 Yes }
 2 No } Skip to item 55a, page 11

(3) Because that residence was closed for repairs?
 2110 1 Yes — Skip to item 55a, page 11
 2 No

b. Did you leave —
 2120 1 Yes }
 2 No } Skip to item 55a, page 11

(1) Because the government wanted to use the land or building for some other purpose?
 2130 1 Yes — Ask item 54c(2)
 2 No — Skip to item 54c(5)

(2) Was that because the owner or members of the owner's family were going to move into that residence?
 2140 1 Yes — Skip to item 55a, page 11
 2 No — Ask item 54c(3)

(3) Because it was going to be a condominium or cooperative?
 2150 1 Yes — Skip to item 55a, page 11
 2 No — Ask item 54c(4)

(4) Because it was closed for repairs?
 2160 1 Yes }
 2 No } Skip to item 55a, page 11

(5) Because the government forced you to leave?
 2170 1 Yes — Ask item 54c(6)
 2 No — Skip to item 55a, page 11

(6) Was that because the government wanted to use the land or building for some other purpose?
 2180 1 Yes — Skip to item 55a, page 11
 2 No — Ask item 54c(7)

(7) Because it was condemned by the government as unfit for occupancy?
 2190 1 Yes }
 2 No }

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED — Continued

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

55b. Why did you choose this NEIGHBORHOOD? (Write exact words and mark (X) all that apply.)

2210 Convenient to job
 Convenient to friends or relatives
 Convenient to leisure activities
 Convenient to public transportation
 Good schools
 Other public services
 Looks/design of neighborhood
 House was most important
 Other

2230 All reasons of equal importance

55c. Before you moved, did you look at both (houses/mobile homes) and apartments? Yes No Looked at only this unit

55d. Why did you choose this particular (house/apartment)? (Write exact words and mark (X) all that apply.)

2240 Financial reasons
 Room layout/design
 Kitchen
 Size
 Exterior appearance
 Yard/tree/view
 Quality of construction
 Only one available
 Other — Specify _____

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

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

58. Check item (See Control Card items 9a and 25.)
 Only one person MOVED in (either prior year date of interview/new sample unit) — Skip to item 61a, page 12, enter the number in Group 1 column, and continue with item 61b
 Two or more persons MOVED in (either prior year date of interview/new sample unit) — Ask item 60a

59. Earlier you told me that ... (Specify name of mover) ... (Specify date of move) ... Did (all of "mover's" move here from the same previous residence)? Yes No Skip to item 61a, page 12

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

REGULAR OCCUPIED — Continued

61a. Which people moved here from the same previous residence? Enter the number of all people who came from first home mentioned under Group 1, and the number of all people who came from the second residence but more than 6 months apart, put them in separate groups. Then ask items 61b—m for each mover group.

2310 Line numbers

2320

2330

2340 Outside U.S. — Skip to item 61n

61b. What city, county, and State did (Specify names in mover group) live in just before moving here? (Enter 2-character State code from flashcard.)

City or place _____

County _____

State _____

ZIP Code _____

61c. What was the ZIP Code? _____

61d. Did (your/their) live inside the incorporated limits of (City above)? Yes No or not incorporated place Don't know

61e. WASHINGTON USE ONLY

61f. Was that residence — (Read all answer categories.)

2350 a house?
 an apartment?
 a mobile home?
 or some other type of residence? — Skip to item 61n

61g. Was that home — (Read all answer categories.)

2360 owned or being bought by someone in that household?
 rented for cash?
 occupied without payment of cash rent?
 No } Skip to item 61j
 Yes, condominium }
 Yes, cooperative }

61h. Was that part of a condominium or cooperative? Yes No

61i. To the Census Bureau, a cooperative is property which is owned by a corporation. Each shareholder is entitled to occupy an individual unit. Is this what you mean when you say this is a cooperative? Yes No

61j. How many people lived in that household just before the move? Yes — Skip to item 61m and correct entry No

61k. Was that home (rented/rented) by someone who moved here? Yes — Skip to item 61m No

61l. Was it (rented/rented) by a relative? Yes No

61m. When (Specify names in mover group) 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.)

2370 Increased Stayed about same Decreased Don't know

61n. Go to next mover group. If none, go to item 62, page 14.

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED - Continued		REGULAR OCCUPIED - Continued	
GROUP 2		GROUP 3	
- 6 18 1		- 6 18 7	
Line numbers		Line numbers	
2310		2310	
2320		2320	
2330		2330	
2340	0 Outside U.S. - Skip to item 61n	2340	0 Outside U.S. - Skip to item 61n
- 7 18 1		- 7 18 7	
City or place		City or place	
County		County	
State		State	
ZIP Code		ZIP Code	
2360	1 Yes 2 No or not incorporated place 3 Don't know	2360	1 Yes 2 No or not incorporated place 3 Don't know
- 6 18 1		- 6 18 7	
2380	1 a house? 2 an apartment? 3 a mobile home? 4 or some other type of residence? - Skip to item 61n	2380	1 a house? 2 an apartment? 3 a mobile home? 4 or some other type of residence? - Skip to item 61n
2390	1 owned or being bought by someone in that household? 2 rented for cash? 3 occupied without payment of cash rent? 4 No } Skip to item 61j 5 Yes, condominium } 6 Yes, cooperative	2390	1 owned or being bought by someone in that household? 2 rented for cash? 3 occupied without payment of cash rent? 4 No } Skip to item 61j 5 Yes, condominium } 6 Yes, cooperative
2400	1 Yes 2 No - Reask item 61h and correct entry	2400	1 Yes 2 No - Reask item 61h and correct entry
2410	- If one, skip to item 61m; if more than one, ask item 61k	2410	- If one, skip to item 61m; if more than one, ask item 61k
2420	1 Yes - Skip to item 61m 2 No	2420	1 Yes - Skip to item 61m 2 No
2430	1 Yes 2 No	2430	1 Yes 2 No
2440	1 Increased 2 Stayed about same 3 Decreased 4 Don't know	2440	1 Increased 2 Stayed about same 3 Decreased 4 Don't know
Go to next mover group. If none, go to item 62, page 14.		Go to next mover group. If none, go to item 62, page 14.	

REGULAR OCCUPIED - Continued	
62. INTRODUCTION: The next questions are about your current residence.	
63. Check item (See Control Card item 6b.) Current residence is - <input type="checkbox"/> Owned - Skip to item 73a, page 10 <input type="checkbox"/> Rented - Ask item 64a <input type="checkbox"/> No cash rent - Skip to item 64c	
64a. How often is the rent due? - 6 11 1 2800 Times per year 12 Monthly	
b. How much is the rent? (Include total amount paid by household AND any other source.) (If parking priced separately, exclude it here and mark NO to items 64m and 64n without asking.)	2810 \$ 00
6. Check item (See item 23, page 3.) <input type="checkbox"/> Mobile home other one-unit or two-or-more units - Ask item 64d <input type="checkbox"/> Not a mobile home - Skip to item 64m	
d. Do you pay separate rent for the land? 2811 1 Yes 2 No - Skip to item 64g	
e. How many times a year is the (land/lot) rent due? 2812 Times per year 12 Monthly	
f. What is the cost each (Billing period)? 2813 \$ 00 0 No cash rent 9997 Included in mobile home park fee or association fee	
g. (---in addition to the land rent), do you pay any (---/additional) mobile home park fee? 2850 1 Yes 2 No - Skip to item 64j	
h. How many times a year is the fee due? 2855 Times per year 12 Monthly	
i. What is the cost each (Billing period)? 2860 \$ 00 0 Included in mobile home rent	
j. Are there any (---/other) required fees for utility hookups, mobile home association fees, and so forth? - 6 11 4 2817 1 Yes 2 No - Skip to item 64m	
k. How many times a year are the fees due? 2818 Times per year 12 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 1 Yes - Skip to item 65a, page 15 2 No	
n. Is an offstreet parking space included? 2830 1 Yes 2 No	
Notes	

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED - Continued

65a. Is the building owned by a public housing authority?
 2840 1 Yes - Skip to item 65g 2 No

b. Does the Federal Government pay some of the cost of the unit?
 2850 1 Yes - Skip to item 65g 2 No

c. Does the State or local government pay some of the cost of the unit?
 2860 1 Yes - Skip to item 65g 2 No

d. Do (you/the people living here) have to report the household's income to someone every year so they can set the rent?
 2870 1 Yes - Skip to item 66 2 No

e. Does the local government limit the rent on the unit through rent control or rent stabilization?
 2880 1 Yes - Skip to item 66 2 No

f. Is the rent adjusted because someone in the household works for or is related to the owner? (If "3" circled in CC item 8b, Mark "None" without asking.)
 2890 1 Yes } Skip to item 66 2 No }
 2895 \$ _____ 0 None

g. Of the (Amount from 64b) rent you reported, how much is this household required to pay?
 2900 \$ _____ 00

66. Check item (See item 23, page 3).
 Mobile home either one-unit or two-or-more units - Skip to item 68a
 Not a mobile home - Ask item 67

67. About when was the building originally built?
 2910 1980 or later - Skip to item 70a, page 16
 2915 1 1979 2 75-78 3 70-74 4 60-69 5 50-59 6 40-49 7 30-39 8 20-29 9 1919 or earlier

68a. Excluding the dealer's lot, is this the first site on which this mobile home was placed?
 2900 1 Yes, first site 2 No, moved from another site 3 Don't know

b. In your mobile home included in a group of two or more?
 2940 1 Yes 2 No, mobile home not in a group - Skip to item 69

c. How many, including your mobile home, are in the group?
 4880 _____ Exact number - If 2 to 20 mobile homes/ 2 21 or more

69. What is the model year of the mobile home?
 - 6 1 1 1
 2910 1980 or later - Skip to item 70a, page 16
 2915 1 1979 2 75-78 3 70-74 4 60-69 5 50-59 6 40-49 7 1939 or earlier

REGULAR OCCUPIED - Continued

70a. Were you the first (person/people) to occupy this home or did someone else live here before you?
 2920 1 First occupants 2 Previously occupied

b. Is this home currently for rent or sale?
 2923 1 Yes 2 No - Skip to item 70d

c. Is it for -
 (Read all answer categories)
 2925 1 rent only? 2 rent or for sale? 3 sale only?

d. Do you plan to leave this home within a month?
 2927 1 Yes 2 No 3 Not sure

71. Check item (See item 23, page 3).
 Two-or-more-unit building or two-or-more-unit mobile home - Skip to item 109a, page 25
 All others - Ask item 72a

72a. How large is the lot/sublot? (Include all connecting land that is owned or that is rented with the home.) (If over 1 acre, drop any fractions, don't round up, if under 1 acre, convert to approximate square feet.)
 2980 _____ OR _____ Square feet
 2990 _____ OR _____ Feet by
 3000 _____ feet
 3010 _____ Whole acres
 0 Don't know - Ask item 72b
 MARK OR ASK
 b. Is it more than 10 acres?
 3020 1 Yes 2 No } Skip to item 109a, page 25

NOTE - Ask all categories in item 73a before proceeding to item 73b.
 73a. These questions are about major repairs, improvements or additions to the house (Count work only once; include work in progress.) (While living here if less than 2 years)
 - 6 1 1 1
 (1) Was all or part of the roof replaced in the last 2 years?
 2680 1 Yes, all 2 Yes, part 3 No
 2690 1 Yes 2 No
 (2) Were any additions built?
 2700 1 Yes 2 No
 (3) Was the kitchen remodeled or a kitchen added?
 2680 1 Yes 2 No
 (4) Were any bathrooms remodeled or added?
 2710 1 Yes 2 No
 (5) Was any siding replaced or added in the last 2 years?
 2720 1 Yes 2 No
 (6) Were any new storm doors or storm windows bought and installed?
 2730 1 Yes 2 No
 (7) Was any major equipment, such as a furnace or central air conditioning replaced or added?
 2740 1 Yes 2 No
 (8) Was insulation added?
 2750 1 Yes 2 No
 (9) Were any l... (other) major repairs, or improvements, over \$600 each done in the last 2 years?
 2810 1 Yes 2 No

NOTE - If "Yes" was answered for one or more categories in item 73a, ask item 73b.
 73b. How much did the job cost (.... not counting household members' time)? (Include materials and labor.)
 2880 \$ _____ 00
 2890 \$ _____ 00
 2900 \$ _____ 00
 2910 \$ _____ 00
 2920 \$ _____ 00
 2930 \$ _____ 00
 2940 \$ _____ 00
 2950 \$ _____ 00
 2960 \$ _____ 00
 2970 \$ _____ 00
 2980 \$ _____ 00
 2990 \$ _____ 00
 3000 \$ _____ 00
 3010 \$ _____ 00
 3020 \$ _____ 00

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED — Continued

74. Check item (See item 73a, page 16.)
 At least one "Yes" marked in item 73a — Ask item 75
 All "No" in item 73a — Skip to item 76

75. Did the household get a low interest loan or grant from a government program to help pay for making any of these repairs or alterations to your home?
 2350 Yes
 No

76. In just the last YEAR, how much was spent on ... (Exclude householding.)
 2340 \$ _____ 00
 Nothing

77. Check item (See item 23, page 3.)
 Mobile home either one-unit or two-or-more units — Skip to item 79
 Not a mobile home — Ask item 78

78. About when was the building originally built?
 2310 1980 or later — Skip to item 81a
 2315 1979
 75-78
 70-74
 60-69
 50-59
 40-49
 30-39
 20-29
 1918 or earlier

79a. Excluding the dealer's lot, in this the first site on which this mobile home was placed?
 2360 Yes, first site
 No, moved from another site
 Don't know

b. In your mobile home included in a group of two or more?
 2340 Yes
 No, mobile home not in a group — Skip to item 80

c. How many, including your mobile home, are in the group?
 2380 _____ OR Exact number — (If 2 to 20 mobile homes) 21 21 or more

80. What is the model year of the mobile home?
 2310 1980 or later — Ask item 81a
 2315 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?
 2320 First occupants
 Previously occupied

b. Is this home currently for rent or sale?
 2322 Yes
 No — Skip to item 82a

c. Is it for ... (Read all answer categories.)
 2325 rent only?
 rent or for sale?
 sale only?

82a. When did this household buy the (house/apartment)? (If land and building bought at different times, building only)
 2330 Year — Skip to item 82c
 Over 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?
 2340 Year — Skip to item 82a, page 18

c. What was the price? (Exclude closing costs.) (For mobile homes, exclude value of the land.)
 2360 \$ _____ 00

REGULAR OCCUPIED — Continued

82d. Was the main source of the down payment the sale of a previous home, savings, or something else?
 2360 Sale of previous home if sold during 12 months prior to purchase of new home — Skip to item 83a
 Savings or cash on hand
 Sale of other investment
 Borrowing, other than a mortgage on this property
 Inheritance or gift
 Land where building was built used for financing
 Other — Specify _____
 No down payment made

8. (If any of the answers ever living here/here you ever owned a home before?)
 2370 Yes
 No

9. Check item (See Control Card items 6b, 9a, 17, and 25.)
 OWNER(S) MOVED in (after prior year date of interview/new sample unit) — Ask item 82g
 No owner(s) MOVED in (after prior year date of interview) — Skip to item 83a

9. When ... (specify name(s) of owner(s) you bought this home, did anyone make inquiries or have this home inspected or tested for any of the following?
 Read all categories

(1) Asbestos 2371 Yes No DK

(2) Lead-based paint 2372 Yes No DK

(3) Radon 2373 Yes No DK

(4) Lead pipes 2374 Yes No DK

(5) Lead solder on copper pipes 2375 Yes No DK

(6) Water quality 2376 Yes No DK

(7) Aluminum wiring 2377 Yes No DK

h. Were any repairs or replacements made as a result of the inquiry, inspection, or test?
 2378 Yes No

i. Were any adjustments made to the purchase price of the house as a result of the inquiry, inspection, or test?
 2379 Yes No

Notes

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED — Continued	
<p>87a. Check item (See item 25a, page 3.)</p> <p><input type="checkbox"/> Condominium or cooperative — Skip to item 87a</p> <p><input type="checkbox"/> Not a condominium or cooperative — Go to item 83b</p> <p>b. Check item (See item 23, page 3.)</p> <p><input type="checkbox"/> One-unit building — Ask item 84a</p> <p><input type="checkbox"/> One-unit mobile home — Skip to item 88a, page 20</p> <p><input type="checkbox"/> Two-or-more-unit building or two-or-more-unit mobile home — Skip to item 88a</p>	<p style="text-align: right;">3080) \$ <u>00</u></p> <p style="text-align: right;">3100) \$ <u>00</u> Skip to item 89a</p> <p style="text-align: right;">3030) 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p> <p style="text-align: right;">3040) 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p> <p style="text-align: right;">3100) \$ <u>00</u> Skip to item 89a</p>
<p>88a. How large is the lot?</p> <p>(Include all connecting land that is owned or that is rented with the home.)</p> <p>If over 1 acre, drop any fractions, don't round up. If under 1 acre, convert to approximate square feet.)</p> <p>One-eighth acre = 5500 sq. ft.</p> <p>Quarter acre = 11000 sq. ft.</p> <p>One-third acre = 14000 sq. ft.</p> <p>Half acre = 22000 sq. ft.</p> <p>Three-quarters acre = 33000 sq. ft.</p> <p>One acre = 44000 sq. ft.</p> <p>MARK OR ASK —</p> <p>b. Is it more than 10 acres? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>c. Is there a commercial establishment on the property? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>d. Is there a medical or dental office on the property? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>e. How much do you think the house and lot would sell for on today's market? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p style="text-align: right;">2880) _____ Square feet</p> <p style="text-align: right;">2890) _____ Feet by _____ Feet by _____</p> <p style="text-align: right;">3000) _____ feet</p> <p style="text-align: right;">3010) _____ Whole acres</p> <p style="text-align: right;">3020) _____ Don't know — Ask item 84b</p> <p style="text-align: right;">3030) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">3040) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">3100) \$ <u>00</u> Skip to item 89a, page 20</p>
<p>89a. Is there a medical or dental office on the property?</p> <p>b. How much do you think the house (business/medical office) and lot would sell for on today's market?</p> <p>c. What is the value of the residential portion of this property?</p>	<p style="text-align: right;">3040) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">3080) \$ <u>00</u></p> <p style="text-align: right;">3100) \$ <u>00</u> Skip to item 89a, page 20</p> <p style="text-align: right;">3030) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">3040) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">3080) \$ <u>00</u></p> <p style="text-align: right;">3100) \$ <u>00</u> Skip to item 89a, page 20</p>
<p>89b. Is there a commercial establishment on the property?</p> <p>b. Is there a medical or dental office on the property?</p> <p>c. How much do you think the house and lot (bldg/yard) would sell for on today's market?</p> <p>d. Is there a commercial establishment on the property?</p> <p>f. Is there a medical or dental office on the property?</p>	<p style="text-align: right;">3030) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">3040) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">3080) \$ <u>00</u></p> <p style="text-align: right;">3100) \$ <u>00</u> Skip to item 89a, page 20</p> <p style="text-align: right;">3030) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">3040) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p>

REGULAR OCCUPIED — Continued	
<p>89c. How much do you think the entire building and property would sell for on today's market?</p> <p>h. How much of that would apply to the apartment only?</p> <p>87a. Is there a commercial establishment on the property? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>b. Is there a medical or dental office on the property? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>c. How much do you think the apartment would sell for on today's market? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>88a. How large is the (lot/lot)?</p> <p>(Include all connecting land that is owned or that is rented with the home.)</p> <p>If over 1 acre, drop any fractions, don't round up. If under 1 acre, convert to approximate square feet.)</p> <p>One-eighth acre = 5500 sq. ft.</p> <p>Quarter acre = 11000 sq. ft.</p> <p>One-third acre = 14000 sq. ft.</p> <p>Half acre = 22000 sq. ft.</p> <p>Three-quarters acre = 33000 sq. ft.</p> <p>One acre = 44000 sq. ft.</p> <p>MARK OR ASK —</p> <p>b. Is it more than 10 acres? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>c. Is there a commercial establishment on the property? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>d. Is there a medical or dental office on the property? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>e. How much do you think the mobile home would sell for on today's market? (Do not include the value of the land.) <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>f. Do you own the land? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>g. How much do you think the land would sell for on today's market? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p style="text-align: right;">3080) \$ <u>00</u></p> <p style="text-align: right;">3100) \$ <u>00</u> Skip to item 89a</p> <p style="text-align: right;">3030) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">3040) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">3100) \$ <u>00</u> Skip to item 89a</p> <p style="text-align: right;">2880) _____ Square feet</p> <p style="text-align: right;">2890) _____ Feet by _____</p> <p style="text-align: right;">3000) _____ feet</p> <p style="text-align: right;">3010) _____ Whole acres</p> <p style="text-align: right;">3020) _____ Don't know — Ask item 88b</p> <p style="text-align: right;">3030) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">3040) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">3100) \$ <u>00</u></p> <p style="text-align: right;">3140) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">3160) \$ <u>00</u></p> <p style="text-align: right;">-6111</p> <p style="text-align: right;">2520) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">2530) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">3180) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">3190) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">3200) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">3210) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>89a. Is a garage or carport included with your home?</p> <p>b. Is an offstreet parking space included?</p> <p>90. Is the ownership of the (house/apartment) shared with anyone NOT living here?</p> <p>91. Does anyone not living here pay some of the mortgage or utility costs?</p> <p>92. The next questions are about mortgages or other loans, such as Home Equity Loans, that are secured by the property. You may check your records if you wish.</p> <p>Is there a mortgage or other loan on this (house/apartment)? (Include "Lease contracts" and other loans SECURED BY THE PROPERTY.)</p> <p>93. Did you get your mortgage through a State or local government program that provides lower cost mortgages?</p> <p>94. Check item (See Control Card items 13 and 17.)</p> <p><input type="checkbox"/> Respondent is an owner or owner's spouse — Ask item 95, page 21</p> <p><input type="checkbox"/> Respondent is not an owner or owner's spouse — Callback required — mark item 9, page 1; then skip to item 96a, page 23</p>	<p style="text-align: right;">2520) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">2530) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">3180) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">3190) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">3200) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">3210) 1 <input type="checkbox"/> Yes <input type="checkbox"/> No</p>

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED — Continued

98a. Check item (See item 23, page 3.)
 Mobile home either one-unit or two-or-more units — Skip to item 101a
 Not a mobile home — Go to item 98b

b. Check item (See item 25a, page 3.)
 Condominium or cooperative — Ask item 99a
 All others — Skip to item 103a, page 24

99a. What were the real estate taxes last year for the (condominium/cooperative) unit? (Include school taxes, special assessments, and any other real estate taxes.) (Exclude taxes past due from other years.) (Subtract any rebates.)
 3520 \$ 00
 3524 Yes No — Skip to item 100a
 3528 \$ 00

b. Did you receive a real estate property tax rebate last year?
 3524 Yes No — Skip to item 102a, page 24

c. What was the amount of the property tax rebates?
 3528 \$ 00

100a. Is there a required (condominium/cooperative) association fee?
 3570 Yes No — Skip to item 109a, page 25
 3580 Yes No — Skip to item 109a, page 25
 3590 \$ 00 Times per year
 12 Monthly

b. How many times a year is the fee due?
 3580 \$ 00 Times per year
 12 Monthly

c. What is the average cost each (Billing period)?
 3590 \$ 00 Skip to item 109a, page 25

101a. On the mobile home (---) (and its lot) last year, what was the total cost of — property and real estate taxes, registration fees, and license fees? (Include all connecting owned land. Include school taxes, special assessment, and any other real estate taxes.) (Exclude taxes past due from other years.) (Subtract any rebates.)
 3520 \$ 00
 3524 Yes No — Skip to item 102a, page 24

b. Did you receive a real estate property tax rebate last year?
 3524 Yes No — Skip to item 102a, page 24

c. What was the amount of the property tax rebates?
 3528 \$ 00

Notes

REGULAR OCCUPIED — Continued

102a. Check item (See item 88i, page 20.)
 Land is owned — Skip to item 102f
 Land is NOT owned — Go to item 102b

b. Check item (See item 92, page 20.)
 Yes, mortgage — Ask item 102c
 No mortgage — Skip to item 102d

102c. Earlier you told me you do not own the land. Do you pay separate rent for the land?
 2511 Yes No — Skip to item 102f
 2512 Times per year

d. How many times a year is the land rent due?
 2512 Monthly

e. What is the cost each (Billing period)?
 2513 \$ 00
 0 No cash rent
 897 included in mobile home park fee or association fee

f. (---) (In addition to the land rent), do you pay any (---) (additional) mobile home park fee?
 3560 Yes No — Skip to item 102i
 3565 Times per year

g. How many times a year is the fee due?
 3565 Monthly

h. What is the average cost each (Billing period)?
 3560 \$ 00
 2517 Yes No — Skip to item 109a, page 25

i. Are there (any/any other) required fees for utility hookups, mobile home association fees, and so forth?
 2517 Yes No — Skip to item 109a, page 25

j. How many times a year are the fees due?
 2518 Monthly

k. What is the average cost each (Billing period) for those fees?
 2519 \$ 00 — Skip to item 109a, page 25

103a. What were the real estate taxes last year for this home and its land? (Include all connecting owned land. If multi-unit building, estimate share for sample unit. Include school taxes, special assessments, and any other real estate taxes.) (Exclude taxes past due from other years.) (Subtract any rebates.)
 3520 \$ 00
 b. Did you receive a real estate property tax rebate last year?
 3524 Yes No — Skip to item 105a
 c. What was the amount of the property tax rebates?
 3528 \$ 00

104. WASHINGTON USE ONLY

105a. Is there a required homeowner's association fee?
 3570 Yes No — Skip to item 106
 3580 Yes No — Skip to item 106
 3590 \$ 00 Times

b. How many times a year is the fee due?
 3580 Monthly

c. What is the average cost each (Billing period)?
 3590 \$ 00 — Skip to item 109a, page 25

106. In some parts of the country, people own their homes but rent the land. Do you pay rent for the land?
 3510 Yes No — Skip to item 109a, page 25

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED - Continued		SECOND (MORTGAGE/LOAN)	
3220	Number of mortgages	- 8.1.3.1	
965. How many mortgages are there now on the home/property?		3230	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No - Skip to item 966
966a. Did you get the current (first/second) mortgage on the same year you bought your home?		3240	1 <input type="checkbox"/> New - Skip to item 967 2 <input type="checkbox"/> Assumed 3 <input type="checkbox"/> Wrap-around - Skip to item 967
b. With regard to the (first/second) mortgage, did you get a new mortgage or did you assume someone else's mortgage?		3250	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No - Skip to item 966
c. How much was left to pay off when you assumed it?		3260	1 <input type="checkbox"/> Assumed 2 <input type="checkbox"/> Wrap-around - Skip to item 967
d. How many years remained on the mortgage then?		3270	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No - Skip to item 966
e. What year did you get the mortgage?		3280	1 <input type="checkbox"/> Year 2 <input type="checkbox"/> Assumed 3 <input type="checkbox"/> Wrap-around - Skip to item 967
f. When you first obtained THIS mortgage, how many years was it for?		3290	1 <input type="checkbox"/> Years - If less than 15, ask item 966; if 15 or more, skip to item 967 0 <input type="checkbox"/> Can't say - Ask item 966
g. At your current payments, how long would it take to pay off the loan?		3300	1 <input type="checkbox"/> Years
h. How much was borrowed?		3310	1 <input type="checkbox"/> \$ _____
i. Does this mortgage cover - (1) Other houses or apartments besides this one? (2) Farm land? (3) A business on this property?		3320	1 <input type="checkbox"/> Yes - Skip to item 967 2 <input type="checkbox"/> No
j. How much of the (Amount in item 96c or f) applies just to your home?		3330	1 <input type="checkbox"/> Yes - Skip to item 967 2 <input type="checkbox"/> No
k. What is the current interest rate on the mortgage? (Annual percentage rate.) (Round down to nearest 1/4.)		3340	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No - Skip to item 966
l. What is the current monthly payment?		3350	1 <input type="checkbox"/> \$ _____ 2 <input type="checkbox"/> No - Skip to item 966
m. Exclude principal and interest, does this payment include - (1) Property taxes? (2) Homeowner's insurance? (3) Anything else?		3360	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
(4) How much were the other charges last year? (Do not include property taxes or homeowner's insurance.)		3370	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No - Skip to item 966, page 22
		3380	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
		3390	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
		3400	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
		3410	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No - Skip to item 966, page 22
		3420	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No

REGULAR OCCUPIED - Continued		SECOND (MORTGAGE/LOAN)	
3430	Number of mortgages	- 8.1.3.1	
969a. Is the mortgage an FHA, a VA, a Farmer's Home Administration, or some other type?		3430	1 <input type="checkbox"/> FHA (Federal Housing Administration) - Skip to item 969b 2 <input type="checkbox"/> VA (Veterans' Administration) 3 <input type="checkbox"/> Farmer's Home Administration - Go to item 965 4 <input type="checkbox"/> Some other type 5 <input type="checkbox"/> Don't know
b. Did you borrow the money from a bank or other organization, OR did you borrow it from an individual?		3440	1 <input type="checkbox"/> Bank or other organization - Skip to item 969c 2 <input type="checkbox"/> Individual
c. Was the former owner of the home?		3450	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
d. Are the payments on this loan the same during the whole length of the mortgage?		3460	1 <input type="checkbox"/> Yes - Skip to item 969e 2 <input type="checkbox"/> No
e. How do they change? (Mark (X) all that apply.)		3470	1 <input type="checkbox"/> Change in taxes or insurance, or due to change in principal balance? 2 <input type="checkbox"/> Do they change for any other reason? 3 <input type="checkbox"/> Yes - Mark box 2, 3, 4, 5 and/or 7 4 <input type="checkbox"/> No - Go to item 969e
f. Does this mortgage cover - (1) Other houses or apartments besides this one? (2) Farm land? (3) A business on this property?		3480	1 <input type="checkbox"/> Change based on interest rates 2 <input type="checkbox"/> Rise at fixed schedule during part of loan 3 <input type="checkbox"/> Rise at fixed schedule during whole length of loan 4 <input type="checkbox"/> Last payment biggest 5 <input type="checkbox"/> Other - Specify _____ (If box 5 marked above ask)
g. Check item (See item 95, page 21.)		3490	1 <input type="checkbox"/> One mortgage - Skip to item 969a, page 23 2 <input type="checkbox"/> Two or more mortgages - Go back to item 969a, page 21
97a. For the (third mortgage/other mortgage), how much did you borrow?		3490	1 <input type="checkbox"/> \$ _____
b. What is your current monthly payment for the (third mortgage/other mortgage)?		3500	1 <input type="checkbox"/> \$ _____

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED — Continued

107. Check item (See item 92, page 20.)
 Yes, mortgage — Ask item 100a
 No mortgage — Skip to item 108b

108a. Is the land rent included with the mortgage payments?
 3820 1 Yes — Skip to item 109a
 2 No

b. How many times a year is the land rent due?
 3830 12 Monthly Times per year

c. What does it cost each time?
 3840 \$ 00

108b. Does this household have (homeowner's/household property) insurance?
 3850 1 Yes
 2 No — Skip to item 110

b. In the past 12 months what was the total cost?
 3860 \$ 00

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

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

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

Month	Year
January	19
April	19
August	19
December	19

3870 \$ 6 12 1 (Average MONTHLY cost)
 3880 \$ 00 (Electricity not used)
 00 (Included in rent, site rent, condominium, or other fee, etc.)
 00 (Obtained free)

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

(4) In the past 12 months what was the average MONTHLY cost for electricity?
 3890 \$ 00 (Average MONTHLY cost)
 00 (Electricity not used)
 00 (Included in rent, site rent, condominium, or other fee, etc.)
 00 (Obtained free)

(If "All electric home," mark the "No" box without asking.)

b. (1) Do you use gas?
 3700 1 Yes
 No — Skip to item 110d

(2) Is the gas from underground pipes or bottled gas?
 3720 1 Underground pipes serving neighborhood
 2 Bottled gas — Skip to item 110c(4), page 26

c. (1) Do you have any records available showing your costs for gas, SEPARATE FROM OTHER UTILITIES?
 (Mark "No" if records available, but separate costs not shown.)
 (Read month and appropriate year categories.)
 (Do not include cents.)

Month	Year
January	19
April	19
August	19
December	19

3895 \$ 00 (Average MONTHLY cost)
 3900 \$ 00 (Electricity not used)
 00 (Included in rent, site rent, condominium, or other fee, etc.)
 00 (Obtained free)

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

Month	Year
January	19
April	19
August	19
December	19

3905 \$ 00 (Average MONTHLY cost)
 3910 \$ 00 (Electricity not used)
 00 (Included in rent, site rent, condominium, or other fee, etc.)
 00 (Obtained free)

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

REGULAR OCCUPIED — Continued

110c. (4) In the past 12 months what was the average MONTHLY cost for gas?
 3710 \$ 00 (Average MONTHLY cost)
 00 (Electricity not used)
 00 (Included in rent, site rent, condominium, or other fee, etc.)
 00 (Obtained free)

(If "All electric home," mark the "Not used" box without asking.)

d. In the past 12 months what was the total ANNUAL cost for fuel oil?
 3730 \$ 00 (ANNUAL cost)
 00 (Not used)
 00 (Included in rent, site rent, condominium, or other fee, etc.)
 00 (Obtained free)

e. In the past 12 months what was the total ANNUAL cost for wood, coal, kerosene, or any other fuel?
 3740 \$ 00 (ANNUAL cost)
 00 (Not used)
 00 (Included in rent, site rent, condominium, or other fee, etc.)
 00 (Obtained free)

f. In the past 12 months what was the total ANNUAL cost for garbage and trash collection?
 3750 \$ 00 (ANNUAL cost)
 00 (Not used)
 00 (Included in real estate taxes, rent, site rent, condominium, or other fee, etc.)
 00 (Obtained free)

g. In the past 12 months what was the total ANNUAL cost for sewer supply and sewerage disposal?
 3820 \$ 00 (ANNUAL cost)
 00 (Not used)
 00 (Included in real estate taxes, rent, site rent, condominium, or other fee, etc.)
 00 (Obtained free)

Notes

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED — Continued -B 111-1

111a. How many automobiles are kept at home for use by members of your household? Exclude vans or trucks. None Number

b. How many trucks or trailers of one-ton capacity or less are kept at home for use by members of your household? None Number

112a. Check item (See Control Card items 13, 14, and 16.)
 Nonrelative household members age 14+ in household — Go to item 112b
 All others — Skip to item 114, page 28

b. Check item (See Control Card items 13, 17, and 18.)
 All nonrelatives age 14+ are co-owners/co-renters (in Control Card item 17) — Skip to item 114, page 28
 All others — Go to item 112c

6. Check item (See Control Card items 13, 17, and 18.)
 Remaining nonrelatives age 14+ are spouse or child(ren) of co-owner or co-renter — Skip to item 114, page 28
 All others — Ask item 113a-d for each nonrelative age 14+ who is not a co-owner or co-renter

113. Enter line number →

	-B 20-1	-B 21-1	-B 22-1	-B 23-1
	Line number 3880	Line number 3890	Line number 3900	Line number 3910
a. Does... (part of) act as a lodger to someone in this household?	3880 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No — Skip to next nonrelative; if no nonrelative, skip to item 114, page 28.	3890 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No — Skip to next nonrelative; if no nonrelative, skip to item 114, page 28.	3900 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No — Skip to next nonrelative; if no nonrelative, skip to item 114, page 28.	3910 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No — Skip to next nonrelative; if no nonrelative, skip to item 114, page 28.
b. How often is... rent due?	3900 12 <input type="checkbox"/> Monthly Times/year	3910 12 <input type="checkbox"/> Monthly Times/year	3920 12 <input type="checkbox"/> Monthly Times/year	3930 12 <input type="checkbox"/> Monthly Times/year
c. How much is the rent?	3910 \$	3920 \$	3930 \$	3940 \$
d. Does that include food?	3920 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	3930 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	3940 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	3950 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
e.	Go to next nonrelative; if none, go to item 114, page 28.	Go to next nonrelative; if none, go to item 114, page 28.	Go to next nonrelative; if none, go to item 114, page 28.	Go to next nonrelative; if none, go to item 114, page 28.

REGULAR OCCUPIED — Continued -B 24-1

114. One of the main housing problems today is the total cost of housing compared to income. The next few questions are about income. In the past 12 months, how much did wages, salaries, tips, and commissions before deductions?

Line No.	Amount
3940	\$ 3850 <input type="checkbox"/> None
3950	\$ 3970 <input type="checkbox"/> None
3960	\$ 3890 <input type="checkbox"/> None
4000	\$ 4010 <input type="checkbox"/> None
4020	\$ 4030 <input type="checkbox"/> None
4040	\$ 4050 <input type="checkbox"/> None
4060	\$ 4070 <input type="checkbox"/> None
4080	\$ 4090 <input type="checkbox"/> None
4100	\$ 4110 <input type="checkbox"/> None
4120	\$ 4130 <input type="checkbox"/> None

Notes

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED - Continued

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

(1) have a business, farm, or ranch? 4150 Yes No

(2) receive Social Security or pensions? (Do not count SSI checks as Social Security.) 4160 Yes No

(3) receive any interest or dividend income of \$400 or more? 4170 Yes No

(4) receive rental income? 4180 Yes No

(5) receive welfare or SSI? 4190 Yes No

(6) receive alimony or child support? 4210 Yes No

(7) receive unemployment or worker's compensation or any other income? 4220 Yes No

b. In the past 12 months what was the total income from (Sources marked "Yes" in item 115a) [---] after deducting expenses and losses from business/farm/ranch and/or rental income? 4230 \$ _____

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

c. Is your total family income THIS MONTH about the same as it was a year ago? 4244 Yes (about the same, or within 10 percent, or just cost of living adjustments) — Skip to item 116 No

d. What do you expect your total family income to be in the NEXT 12 MONTHS? 4248 \$ _____

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

Total income over \$25,000 — Skip to item 118a, page 30

Income \$25,000 or less — Skip to item 117b, page 30

Income is refused, NA, or DK — Ask item 117a, page 30

Notes

REGULAR OCCUPIED - Continued

117a. Was (your/their) total income over \$25,000? 4250 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? 4260 Yes No

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

(1) savings? 4270 Yes No

(2) investments in a farm or business? 4280 Yes No

(3) other investments? (Exclude THIS home.) 4290 Yes No

d. Is the total amount of savings and investments over \$25,000? 4300 Yes No

118a. Check item (See Control Card item 8b.)

Owned — Skip to item 120a, page 32

Rented or no cash rent — Go to item 118b

b. Check item (See item 23, page 3.)

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

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

118b. Does either the owner or a resident manager live in this building/complex? (Exclude staff who do only maintenance.) 4400 Yes No

b. What is the owner's name and address? 4410

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? _____

Notes

REGULAR OCCUPIED — Continued - 6 25 1	
<p>120a. Did (Specify names of all household members age 14 +) work at any time last week? If "Yes," list line number. (Do NOT count persons who were absent from work all last week due to illness, vacation, strike, layoff, etc., as having worked.)</p> <p>b. Did ... usually report to the same location to begin work each day?</p> <p>c. In what city and State did ... work last week? (Enter 2 character State code from flashcard.)</p> <p style="text-align: center;">City or place </p> <p style="text-align: center;">State </p> <p style="text-align: center;">d. OFFICE USE ONLY</p>	<p>4430 <input type="checkbox"/> No workers — Skip to item 121a, page 34 4440 <input type="checkbox"/> Line number 4450 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>4460 <input type="checkbox"/> Outside U.S. — Skip to item 120k</p> <p>4480 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No or not incorporated place 3 <input type="checkbox"/> Don't know</p> <p style="text-align: center;">e. In ...'s place of work inside the incorporated limits of (City above)?</p> <p style="text-align: center;">f. OFFICE USE ONLY</p> <p>g. How did ... usually get to work last week? (Mark item that accounted for greatest distance to location of job at which person worked most hours last week.)</p> <p>4500 <input type="checkbox"/> Car, truck, van, etc. 4510 <input type="checkbox"/> Alone — Skip to item 120i <input type="checkbox"/> Go with others — Ask item 120h</p> <p>4520 <input type="checkbox"/> Bus or streetcar <input type="checkbox"/> Subway or elevated <input type="checkbox"/> Railroad <input type="checkbox"/> Taxicab <input type="checkbox"/> Motorcycle <input type="checkbox"/> Bicycle <input type="checkbox"/> Other vehicle <input type="checkbox"/> Walked only 12 <input type="checkbox"/> Works at home — Skip to item 120k</p> <p>h. How many people including ... usually ride in the (car/truck/van)?</p> <p>i. How many minutes did it usually take ... to get to work?</p> <p>j. What time did ... usually leave for work?</p> <p>k. How many miles was ...'s trip to work?</p> <p>4530 <input type="checkbox"/> Work place varies <input type="checkbox"/> Hours _____ Minutes _____ 4540 <input type="checkbox"/> 1 a.m. 2 _____ p.m. 4550 <input type="checkbox"/> Less than 1 mile <input type="checkbox"/> Go to next worker; if none, go to item 121a, page 34</p>

FORM AHS 71-1 (3-91)

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NOTES

Page 31

FORM AHS 71-1 (3-91)

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED — Continued

1271a. Check item (See item 3, page 1.)
 Control number in sample last enumeration period — Go to item 121b
 Control number in sample for first time this enumeration period — Skip to item 123a, page 36

b. Check item (See item 5, page 1.)
 Same house/apartment/mobile home as last enumeration period — Go to item 121c
 Different house/apartment/mobile home from last enumeration period — Skip to item 123a, page 36

c. Check item (See Control Card item 8c.)
 Unit was a noninterview in 1985, 1987, and 1989
 Yes — Skip to item 123a, page 36
 No — Ask item 122a

122a. Since 1989, has there been a change in the amount of living space in this house/apartment because of putting on an addition, finishing an attic, or converting a garage to living space? (Do not count finishing a basement.)
 Yes — Ask item 122b
 No — Skip to item 177a, page 49

b. How many square feet of living space were added or lost?
 (If dimensions given, record dimensions.)
 ADDITION _____ X _____ Square feet
 LOSS _____ X _____ Square feet
 Don't know

c. INSTRUCTION — SKIP TO ITEM 177a, PAGE 49.

Notes _____

REGULAR OCCUPIED — Continued

4440 _____ Line number
 4445 Yes No

4450 Outside U.S. — Skip to item 120f
 Outside U.S. — Skip to item 120f

City or place _____
 State _____

4480 Yes No or not incorporated place Yes
 No or not incorporated place Don't know Don't know

4500 Car, truck, van Car, truck, van
 Did ... drive alone or go with others? Did ... drive alone or go with others?
 2 Alone — Skip to item 120f
 3 Go with others — Ask item 120h

4510 Bus or streetcar ...
 Subway or elevated
 Railroad
 Taxicab
 Motorcycle
 Bicycle
 Other vehicle
 Walked only

4520 _____ Number _____ Minutes
 4530 _____ Number _____ Minutes

4540 _____ Hours _____ Minutes
 4550 a.m. p.m.
 4560 _____ Miles

o Less than 1 mile
 Go to next worker; if none, go to item 121a, page 34

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

REGULAR OCCUPIED - Continued -B.117

123a. Housing size is important for analysis of other information from this survey. How many square feet are there in this house/apartment? (Include basements and finished attics. Exclude unfinished attics, porches, and attached garages. Also exclude porches that are not protected from the elements....)

4600 Don't know - Ask item 123b

4610 _____ Number

4620 Yes No

123b. How many (floors/ stories) are there in this (house/apartment)? (Exclude basements and finished attics / (in apartments, floors refers only to the apartment itself.)

4630 Yes No

123c. MARK OR ASK - Is the (house/apartment) a split level?

4640 Yes No

123d. What is the length and width of each floor of the (house/apartment)? (Include basements and finished attics. Exclude unfinished attics, porches, and attached garages. Also exclude porches that are not protected from the elements....) (Exclude the mobile home (hitch).) (Record dimensions of each room separately. If respondent is unable to give dimensions for the total floor size.)

Basement	Rectangles or squares							
	First (a)		Second (b)		Third (c)		Fourth (d)	
	Length	Width	Length	Width	Length	Width	Length	Width
1st floor of unit								
2nd floor of unit								
3rd floor of unit								
4th floor of unit								

4640 Don't know - Skip to item 177a, page 49

OFFICE USE ONLY 4640 _____ Square feet

123e. SKETCH (If enough information is available, draw sketch of sample unit below.)

123f. INSTRUCTION - SKIP TO ITEM 177a, PAGE 49.

URE INTERVIEWS -B.117

124. MARK OR ASK - Are the living quarters in a (Read all answer categories.)

1120 one-unit mobile home - Skip to item 127 and mark box "4"

1130 one-unit building, detached from any other building - Skip to item 127 and mark box "1"

1140 one-unit building, attached to one or more buildings - Skip to item 126a

1150 building/mobile home with two or more apartments? - Skip to item 125b

125a. WASHINGTON USE ONLY

1140 _____ Number - Skip to item 127 and mark box "3" or "5"

125b. Does the (house/apartment) share an attic or basement with the (house/apartment) next door?

1150 Yes No Don't know } Skip to item 126c

125c. How many (houses/apartments) including this one share the attic or basement?

1160 _____ Number - If one, reask item 125b and correct entry. If more than one, skip to item 127 and mark box "3"

125d. Does the (house/apartment) share a furnace or boiler with the (house/apartment) next door?

1170 Yes No Don't know } Skip to item 127 and mark box "2"

125e. How many (houses/apartments) including this one share the furnace or boiler?

1180 _____ Number - If one, reask item 126c and correct entry. If more than one, skip to item 127 and mark box "3"

125f. WASHINGTON USE ONLY

125g. WASHINGTON USE ONLY

127. Check item Final structure type classification based on entries in items 124-126

1210 One-unit building - detached

1220 One-unit building - attached

1230 Two-or-more-unit building

1240 Mobile home - one unit

1250 Mobile home - two-or-more units

128. Is the house built - (Read answer categories until a "Yes" reply is received.)

1220 with a basement under all the building?

1230 with a basement under part of the building?

1240 with a crawlspace?

1250 on a concrete slab?

1260 in some other way? - Specify _____

128a. Is the (house/apartment) part of a condominium or cooperative?

1230 No Yes, condominium

1240 Yes, cooperative

128b. To the Census Bureau, a cooperative is property which is owned by a corporation. Each shareholder is entitled to occupy an apartment or unit in the building when you say this is a cooperative?

1230 Yes No - Reask item 128a and correct entry

Notes

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

130c. How many of each of the following rooms does the (house/apartment) have? (For a one-room efficiency or studio apartment, enter "1" for living room, enter the correct number of bedrooms, and mark "none" for all other rooms.)

(1) Bedrooms? 1249 None Number

(2) How many full bathrooms with hot and cold piped water, AND a sink, AND a flush toilet, AND a bathtub or shower? 1250 None Number

(3) How many half bathrooms? (Toilet OR bathtub OR shower) 1251 None Number

(4) Kitchens? 1270 None Number

(5) Living rooms? 1280 None Number

(6) Separate dining rooms? 1290 None Number

b. Are there any other rooms? (Exclude halls, foyers, pantries, garages, porches, areas that aren't separated by a door, and wall extending at least a few inches into room.)

(1) mobile home(s)? 1300 1 Yes 2 No - Skip to item 130d

(2) garages(s)? 1310 0 None

(3) some other type of building(s)? 1320 0 None

f. Check item (See item 130c.)

Unit has mobile home on property - Ask item 130g

Unit does not have mobile home on property - Skip to item 130h

g. What is the model year of each mobile home?

1341 1 9

1342 1 9

1343 1 9

1344 1 9

1345 1 9

h. Are any of the rooms in the (read categories marked "yes" in item 130c) lived in enough by members of this household so that they should be counted as part of your living quarters?

1347 1 Yes 2 No - Skip to item 131, page 38

130d. Did you include them when you told me how many rooms you had?

1348 1 Yes - Skip to item 131 2 No

j. What kinds of rooms are they?

1349 1 Yes 2 No

131. Does the (house/apartment) have a kitchen sink? (Exclude sink used on a regular basis by someone living outside the unit.)

1349 1 Yes 2 No

132. Check item (See item 130a.)

One or more full bathrooms - Skip to item 133c

No full bathrooms - Ask item 133a

133a. Does the (house/apartment) have a bathtub or shower for the occupants' use only?

1350 1 Yes 2 No

b. Does the (house/apartment) have a flush toilet for the occupants' use only? 1350 1 Yes 2 No

c. (Is the bathroom/s) (Are the bathrooms) for the occupants' use only? 1350 1 Yes 2 No

134a. Is all the wiring in the finished areas of the (house/apartment) concealed either in walls or metal conduits, extension cords, chandeliers, cords, telephones, antennas, or cable TV wires?

1350 1 Yes, concealed 2 No 3 No electrical wiring - Skip to item 135a

b. Does every room have an electric outlet or wall plug that works? 1400 1 Yes 2 No

135a. Does the (house/apartment) have hot and cold piped water? (Not used on a regular basis by someone outside the unit.) 1470 1 Yes 2 No - Skip to item 136a

b. What fuel is used MOST to heat the water? 1480

1 Electricity 2 Gas 3 Fuel oil 4 Kerosene or other liquid fuel 5 Coal or coke 6 Wood 7 Solar energy 8 Other - Specify 7

136a. Does most of the water for your home used for cooking and drinking come from a public or private system, an individual well, or some other source?

1810 1 Public or private water system - Skip to item 136c 2 Individual well - Ask item 136b 3 Spring 4 Cistern 5 Stream or lake 6 Bottled water 7 Other - Specify 7

b. Is the well drilled or dug? 1830 1 Drilled 2 Dug

c. Does the (system/well) serve 16 or more houses/apartments? 1820 1 Yes - Skip to item 137a 2 No - Ask item 136d

d. How many (house/apartments) does the (system/well) serve? 1820 1 Only this house/apartment 2 2 to 5 3 6 to 9 4 10 to 14

130a. How many of each of the following rooms does the (house/apartment) have? (For a one-room efficiency or studio apartment, enter "1" for living room, enter the correct number of bedrooms, and mark "none" for all other rooms.)

(1) Bedrooms? 1249 None Number

(2) How many full bathrooms with hot and cold piped water, AND a sink, AND a flush toilet, AND a bathtub or shower? 1250 None Number

(3) How many half bathrooms? (Toilet OR bathtub OR shower) 1251 None Number

(4) Kitchens? 1270 None Number

(5) Living rooms? 1280 None Number

(6) Separate dining rooms? 1290 None Number

b. Are there any other rooms? (Exclude halls, foyers, pantries, garages, porches, areas that aren't separated by a door, and wall extending at least a few inches into room.)

(1) mobile home(s)? 1300 1 Yes 2 No - Skip to item 131, page 38

(2) garages(s)? 1310 0 None

(3) some other type of building(s)? 1320 0 None

f. Check item (See item 130c.)

Unit has mobile home on property - Ask item 130g

Unit does not have mobile home on property - Skip to item 130h

g. What is the model year of each mobile home?

1341 1 9

1342 1 9

1343 1 9

1344 1 9

1345 1 9

h. Are any of the rooms in the (read categories marked "yes" in item 130c) lived in enough by members of this household so that they should be counted as part of your living quarters?

1347 1 Yes 2 No - Skip to item 131, page 38

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

URE INTERVIEWS - Continued

137a. Is the (house/apartment) connected to a public sewer? 1540 Yes - Skip to item 138a 2 No

b. What means of sewage disposal does the (house/apartment) have? 1550 Septic tank or cesspool - Ask item 137c 2 Chemical toilet 3 Outhouse or privy 4 Other - Specify 7 5 None 6 One 7 2 to 5 8 6 or more

c. How many (house/apartment) are connected to the (septic tank/cesspool)? 1590 Yes 2 No - Skip to item 139a

138a. Does the (house/apartment) have a refrigerator? (Exclude ice boxes.) 1600 Yes 2 No - Skip to item 140a

b. Is it more than 5 years old? (Age of newest if two or more.) 1610 Yes 2 No - Skip to item 140a

138b. Does the (house/apartment) have a garbage disposal in the sink? 1620 Yes 2 No

140a. Does the (house/apartment) have a cookstove or range with an oven? (Include microwaves. Exclude toaster-ovens and portable burners.) (Exclude stove or oven used on a regular basis by someone living outside the unit.) 1630 Yes 2 No

b. Does the (house/apartment) have - (1) an oven? 1640 Yes 2 No 3 Yes 4 No 5 Yes 6 No 7 Both are "No," skip to item 141a

(2) cooking burners? 1650 Yes 2 No

c. Is it (are they) more than 5 years old? (Age of newest if two or more.) 1660 Yes 2 No

d. What fuel is used MOST for cooking? 1670 Electricity 2 Gas 3 Kerosene or other liquid fuel 4 Coal or coke 5 Wood 6 Other - Specify 7 7 No fuel used

141a. Does the (house/apartment) have a dishwasher? 1680 Yes 2 No - Skip to item 142a

b. Is it more than 5 years old? 1700 Yes 2 No

142a. Does the (house/apartment) have a washing machine (-/-) in the apartment? 1710 Yes 2 No - Skip to item 143a

b. Is it more than 5 years old? 1720 Yes 2 No

143a. Does the (house/apartment) have a clothes dryer (-/-) in the apartment? 1730 Yes 2 No - Skip to item 144a

b. Is it more than 5 years old? 1740 Yes 2 No

c. What kind of fuel does the dryer use? 1750 Electricity 2 Gas 3 Other - Specify 7

URE INTERVIEWS - Continued

144a. Does the (house/apartment) have central air conditioning? 1760 Yes 2 No - Skip to item 144c

b. What kind of fuel does it use? 1770 Electricity 2 Gas 3 Other - Specify 7

c. Does the (house/apartment) have room air conditioners? 1780 Yes 2 No - Skip to item 145a

d. How many? 1790 Number

145a. What fuel is used MOST for heating the (house/apartment)? 1800 Electricity 2 Gas 3 Fuel oil 4 Kerosene or other liquid fuel 5 Coal or coke 6 Wood 7 Solar energy 8 Other - Specify 9 None - Skip to item 146

b. Besides (fuel marked in item 145a), what other fuel is used for heating the (house/apartment)? (Mark (X) if that apply.) 1810 Electricity 2 Gas 3 Fuel oil 4 Kerosene or other liquid fuel 5 Coal or coke 6 Wood 7 Solar energy 8 Other - Specify 9 None

146. Does the (house/apartment) have a wood-burning fireplace? 1820 Yes 2 No

PLEASE LOOK AT THIS CARD.

147a. What type of heating equipment is used MOST to heat the (house/apartment)? (Read answer categories until heating equipment used most is mentioned.) 1840 A central warm-air furnace with air vents or ducts to the individual rooms? - Ask item 147b 2 Steam or hot-water system with radiators OR other system using steam or hot water? 3 Electric heat pump? 4 Other built-in electric units permanently installed in wall, ceiling, or baseboards? 5 Floor, wall, or other built-in hot-air heater without ducts? 6 Kerosene, gas, or oil room heater(s), HEATED to the outside through chimney, flue, or pipe? 7 UNHEATED kerosene, gas, or oil room heater(s)? 8 Portable electric heater(s)? 9 Stove(s)? 10 Fireplaces WITH inserts, that is, fireplaces with inserts designed to circulate more heat into the room? 11 Fireplaces with NO inserts? 12 Some other type of heating equipment? - Specify 7

19. Home? - Skip to item 148a, page 41 Yes, electricity No - Skip to item 148a, page 41

MARK OR ASK.

b. Is the heating fuel for the furnace electricity? 1840 Yes 2 No - Ask item 148a, page 41

c. Is that a heat pump? 1840 Yes 2 No - Ask item 148a, page 41

URE INTERVIEWS - Continued

148a. Without other kinds of heating equipment does the (house/apartment) have or use? (Mark (X) all that apply.)

1850 A central warm-air furnace with air vents or ducts to the individual rooms
 Steam or hot-water system with radiators OR other system using steam or hot water
 Electric heat pump
 Other built-in electric units permanently installed in wall, ceiling, or baseboards
 Floor, wall, or other built-in, hot-air heater without ducts
 Kerosene, gas or oil room heater(s). VENTED to outdoors through a chimney, flue, or pipes
 UNVENTED kerosene, gas or oil room heater(s)
 Stove(s)
 Fireplace(s) WITH inserts, that is, installed equipment designed to circulate more heat into the room
 Fireplace(s) with NO inserts
 Some other type of heating equipment - Specify 7

None - Ask item 149a

149a. Does the (house/apartment) have a porch, deck, balcony, or patio? (Measuring at least four feet by four feet) (Exclude if already counted as a room.)

1936 Yes
 No

b. Does the (house/apartment) have open cracks or holes in the inside walls or ceilings? (Cracks thicker than a dime)

1940 Yes
 No

c. Does the (house/apartment) have holes in the floors? (Big enough for someone to trip in)

1956 Yes
 No

d. Does the (house/apartment) have any area of peeling paint or broken plaster bigger than 8 inches by 11 inches? (The size of a weekly news magazine or standard letter)

1960 Yes
 No

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

2460 Year round (occupied temporarily at time of interview) - Skip to item 150c
 Seasonal - Summers only
 Seasonal - Winters only
 Other seasonal - Specify 7

Migratory

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

2470 Yes
 No

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

3070 Yes
 No

d. Is the ownership of the (house/apartment) owner-tenanted?

3076 Yes
 No

Notes

URE INTERVIEWS - Continued

181. Check item (See Control Card item 8b.)
 Owned - Skip to item 164
 Rented - Ask item 152e
 No cash rent - Skip to item 152c(1)

152a. How often is the rent on the (house/apartment) due? **-8 511** Monthly Times per year **2860**

b. How much is the rent? (If parking billed separately, exclude it here and mark NO to items 153a and 153b without rating.) **2810** \$ **00**

c. (1) Is this (house/apartment) for vacation or other short-term use? **-8 511** Yes No
 Yes No

(2) Check item (See item 127, page 36.)
 Mobile home either one-unit or two-or-more-units - Ask item 152d
 Not a mobile home - Skip to item 153a

d. Do you pay separate rent for the land? **2811** Yes No - Skip to item 152g
 No - Skip to item 152g

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

f. What is the cost each (Billing period)? **2813** \$ **00**
 No cash rent
 Included in mobile home park fee or association fee

g. (In addition to the rent), do you pay any (Additional) mobile home park fee? **3550** Yes No - Skip to item 152j
 No - Skip to item 152j

h. How many times a year is the fee due? **3555** Monthly Times per year

i. What is the cost each (Billing period)? **3800** \$ **00**
 Included in mobile home rent

j. Are there any (other) required fees for utility hookups, mobile home association fees, and so forth? **-8 511** Yes No
 Yes No - Skip to item 153e

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

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

153a. Is a garage or carport included (in the rent/with the home)? **2820** Yes - Skip to item 154
 No

b. Is an offstreet parking space included? **2830** Yes No
 Yes No

154. Check item (See item 127, page 36.)
 Mobile home either one-unit or two-or-more units - Skip to item 156, page 43
 Not a mobile home - Ask item 155

155. About when was the building originally built?

2810 1980 or later - 1979 1978 1977
 1976 1975-78 1974 1970-74
 1960-69 1950-59 1940-49
 1930-39 1920-29 1919 or earlier

2810 Skip to item 157b, page 43

Month Year 1980 or later - 1979 1978 1977 1976 1975-78 1974 1970-74 1960-69 1950-59 1940-49 1930-39 1920-29 1919 or earlier

2810 Skip to item 157b, page 43

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

URE INTERVIEWS - Continued

156a. Excluding the dealer's lot, is this the first site on which this mobile home was placed?
 Yes, first site
 No, moved from another site
 Don't know

156b. Is your mobile home included in a group of two or more?
 Yes
 No, mobile home not in a group - Skip to item 157a

156c. How many, including your mobile home, are in the group?
 Exact number - (If 2 to 20 mobile homes)
 21 or more

157a. What is the model year of the mobile home?
 1980 or later
 1979
 78-79
 70-74
 60-69
 50-59
 40-49
 1939 or earlier

157b. Is this home currently for rent or sale?
 Yes
 No - Skip to 157d

157c. Is it for -
 rent only?
 rent or for sale?
 sale only?

157d. Do you plan to leave this home within a month?
 Yes
 No
 Not sure

158. Check item (See item 127, page 36.)
 Two-or-more-unit building or two-or-more-unit mobile home - Skip to item 160
 All others - Ask item 159a

159a. How large is the lot/lot(s)? (Include all connecting land that is owned or rented with the home.)
 (If over 1 acre, drop any fractions, don't round up. If under 1 acre, convert to approximate square feet.)
 One-eighth acre = 5500 sq. ft.
 Quarter acre = 11000 sq. ft.
 One-third acre = 14000 sq. ft.
 Half acre = 22000 sq. ft.
 Three-quarters acre = 33000 sq. ft.
 One acre = 44000 sq. ft.
 MARK OR ASK -
 Don't know - Ask item 159b

159b. Is it more than 10 acres?
 Yes
 No

160. Check item (See Control Card from Bb.)
 Owned - Ask item 161a
 Rented - Skip to item 171, page 46
 Occupied without payment of cash rent - Skip to item 171, page 46

161a. Is there a commercial establishment on the property?
 Yes
 No

161b. Is there a medical or dental office on the property?
 Yes
 No

162a. Check item (See item 150d, page 41)
 Unit is time-shared - Skip to item 163a
 Unit is not time-shared - Ask item 162b

162b. How much do you think the (house/apartment) would sell for on today's market? (Include all connecting land; if multi-unit building, estimate share of value applicable to sample unit.)
 (house/apartment)
 Yes - Skip to item 164a, page 44
 No

163a. Is a garage or carport included with the (house/apartment)?
 Yes
 No

163b. Is an offstreet parking space included?
 Yes
 No

URE INTERVIEWS - Continued

164a. Check item (See item 127, page 36.)
 Mobile home either one-unit or two-or-more units - Skip to item 165a
 Not a mobile home - Go to item 164b

164b. Check item (See item 128a, page 36.)
 Condominium or cooperative - Ask item 165a
 All others - Skip to item 167a, page 45

165a. What were the real estate taxes last year for the (condominium/cooperative) unit? (Include school taxes, special assessments, and any other real estate taxes.) (Exclude taxes paid due from other years.) (Subtract any rebates.)
 Yes
 No - Skip to item 165d

165b. (Did the owner/Did you) receive a real estate property tax rebate last year?
 Yes
 No - Skip to item 165d

165c. What was the amount of the property tax rebate?
 Yes
 No - Skip to item 171, page 40

165d. How many times a year is the fee due?
 Monthly
 Times per year

165e. What is the average cost each (Billing period)?
 Yes
 No - Skip to item 171, page 46

166a. On this mobile home (---) (used for last) last year, what was the total cost of -
 property and real estate taxes, regulations fees, and business fees?
 (Include school taxes, special assessments, and any other real estate taxes.) (Exclude taxes paid due from other years.) (Subtract any rebates.)
 Yes
 No - Skip to item 166d

166b. (Did the owner/Did you) receive a real estate property tax rebate last year?
 Yes
 No - Skip to item 166d

166c. What was the amount of the property tax rebate?
 Yes
 No - Skip to item 166d

166d. Do you own the land?
 Yes - Skip to item 166h
 No

166e. Do you pay separate rent for the land?
 Yes
 No - Skip to item 166h

166f. How many times a year is the (land/land) rent due?
 Monthly
 Times per year

166g. What is the cost each (Billing period)?
 No cash rent
 Included in mobile home park fee or association fee

166h. Is the owner/Are you required to pay any (additional) mobile home park fee?
 Yes
 No - Skip to item 166k

166i. How many times a year is the fee due?
 Monthly
 Times per year

166j. What is the average cost each (Billing period)?
 Yes
 No - Skip to item 171, page 46

166k. Are there (any/any other) required fees for utility services (water, gas, trash collection, cable, and so forth)?
 Yes
 No - Skip to item 171, page 46

166l. How many times a year are the fees due?
 Monthly
 Times per year

166m. What is the average cost each (Billing period) for these fees?
 Yes
 No - Skip to item 171, page 46

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

URE INTERVIEWS -- Continued

167a. What were the real estate taxes last year for the (house/apartment) and its land? (Include all connecting owned land. If multi-unit housing, give the amount for a single unit. Include school taxes, local assessments, and any other real estate taxes.) (Exclude taxes paid due from other years.) (Subtract any rebates.)

3320 \$ 00

b. (Did the owner/Did you) receive a real estate property tax rebate last year?

3324 Yes No — Skip to item 169a

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

3328 \$ 00

168. WASHINGTON USE ONLY

168a. (Is the owner/Am you) required to pay a homeowner's association fee?

3370 Yes No — Skip to item 170a

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

3380 Monthly Times per year

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

3380 \$ 00 Skip to item 171, page 46

170a. In some parts of the country, people own their homes but rent the land. (Does the owner of the unit/Do you) pay rent for the land?

3310 Yes No — Skip to item 171, page 46

b. How many times a year is the land rent due?

3330 Monthly Times per year

c. What does it cost each time?

3340 \$ 00 Go to item 171, page 46

Notes

URE INTERVIEWS -- Continued

171. How many times a year are utility costs billed together, try to determine the cost of each.

a. In the past 12 months, what was the MONTHLY cost for electricity?

3370 \$ 00 per month — If "All electric home," mark "Not used" in items 171b and d without asking.

Not used
 Included in rent, site rent, condominium, or other fee, etc.
 Obtained free

b. In the past 12 months, what was the MONTHLY cost for gas?

3380 \$ 00 Per month, OR

Not used — Skip to item 171d
 Included in rent, site rent, condominium, or other fee
 Obtained free

c. In the past 12 months, what was the ANNUAL cost for fuel oil?

3320 \$ 00 Per year, OR

Not used
 Included in rent, site rent, condominium, or other fee
 Obtained free

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

3320 \$ 00 Per year, OR

Not used
 Included in rent, site rent, condominium, or other fee
 Obtained free

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

3370 \$ 00 Per year, OR

Not used
 Included in real estate taxes, rent, site rent, condominium, or other fee
 Obtained free

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

3330 \$ 00 Per year, OR

Not used
 Included in real estate taxes, rent, site rent, condominium, or other fee
 Obtained free

172a. Check item (See Central Card Item 8b.)

Owned — Skip to item 174a, page 47
 Rented or occupied without payment of cash rent — Go to item 172b

b. Check item (See item 127, page 36.)

Two-or-more unit building or two-or-more unit mobile home — Ask item 173c
 All others — Skip to item 173b

173a. Does either the owner or a resident manager live in the building/complex? (Exclude staff who do only maintenance.)

3400 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

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

URE INTERVIEWS - Continued

174a. Check item (See item 3, page 1.)
 Control number in sample last enumeration period - Go to item 174b
 Control number in sample for first time this enumeration period - Skip to item 176a, page 49

b. Check item (See item 5, page 1.)
 Same house/apartment/mobile home as last enumeration period - Go to item 174c
 Different house/apartment/mobile home from last enumeration period - Skip to item 176a, page 49

c. Check item (See Control Card item Bc)
 Unit was a noninterview in 1985, 1987, and 1989
 Yes - Skip to item 176a, page 49
 No - Ask item 175a

175a. Since 1989, has there been a change in the amount of living space in this unit, in addition, excluding an attic, or converting a garage to living space? (Do not count finishing a basement.)
 Yes - Ask item 175b
 No - Skip to item 177a, page 49

ADDITION
 4890 _____ Square feet
 _____ X _____ dimensions)

LOSS
 4890 _____ Square feet
 _____ X _____ dimensions)

4890 e Don't know

6. INSTRUCTION - SKIP TO ITEM 177a, PAGE 49.

Notes

URE INTERVIEWS - Continued

176a. Housing also is important for analysis of other information from this survey.
 How many square feet are there in the house/apartment?
 Don't know - Ask item 178b

4890 _____ Square feet

b. How many bedrooms are there in the house/apartment? (Include basements and finished attics, but exclude unfinished attics, carports, and attached garages. Also exclude porches that are not protected from the elements....)
 4810 _____ Number

c. MARK OR ASK - Is the house/apartment a split level?
 Yes
 No

d. What is the length and width of each floor of the house/apartment? (Include basements and finished attics, but exclude unfinished attics, carports, and attached garages. Also exclude porches that are not protected from the elements....)
 (Record dimensions of each room separately. If respondent is unable to give dimensions for the total floor area.)

	First (a)		Second (b)		Third (c)		Fourth (d)	
	Length	Width	Length	Width	Length	Width	Length	Width
Basement								
1st floor of unit								
2nd floor of unit								
3rd floor of unit								
4th floor of unit								

4820 e Don't know - Skip to item 177a, page 49

4890 _____ Square feet

9. SKETCH (If enough information is available, draw sketch of sample unit below.)

1. INSTRUCTION - SKIP TO ITEM 177a, PAGE 49

Notes

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

NEIGHBORHOOD QUALITY SUPPLEMENT

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

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

Does the neighborhood have -

(1) Street noise or heavy street traffic? **177b** Yes No

(2) Neighborhood crime? **177c** Yes No

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

178a. Is there public transportation for this area?

178b. Is it satisfactory?

178c. (Does anyone in the household/Do you) use public transportation at least once a week?

178d. Do you have satisfactory neighborhood shopping, that is, grocery stores or drug stores?

178e. Are any of these stores within one mile of here?

180. Check item (See Control Card items 11, 14, and 18.) (Mark (X) first box that applies.)

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

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

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

d. Is the public elementary school within one mile of here?

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

177b. Does the (Condition) better/worse? **177c.** Is it so satisfactory/unsatisfactory that you would like to move from this neighborhood?

178a. Yes No - Skip to item 179a

178b. Yes No Do not use

178c. Yes No

178d. Yes No Don't know - Skip to item 180

178e. Yes No

180. URE interview - Go to Control Card item 9a
 No household member 16 years of age or less - Skip to item 182, page 50
 Household member 4 to 16 years of age - Ask item 181a
 Household members 3 years old or younger - Skip to item 181b

181a. Public school (K-12)
 Private school (K-12)
 Other school (ungraded schools, special schools, preschools, early learning centers, etc.)
 Does not attend school

b. Yes - Skip to item 181d
 No
 Don't know - Skip to item 181d

c. Yes No

d. Yes No

SECOND HOME SUPPLEMENT

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

183. (Identify) (Specify name with "X" in Control Card item 17) How many second homes (residential property) does your household own? **183a** Yes No - Skip to item 186, page 53

184. How many (Identify) second homes (Identify) (Specify name with "X" in Control Card item 17) does your household own? (In a multi-unit building, count each unit owned.) **184a** _____ Number

185. OFFICE USE ONLY

186. OFFICE USE ONLY

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

Property	(1) Location (Enter 2-character State code from flashcard)	(2) State code OR Outside the United States	(3) Enter line numbers	(4) When this unit entered (Specify number in item 187b) or was last remodeled? (Specify number in item 187c)	(5) How many units (Identify) (Specify name with "X" in item 187d) are in this unit/units?
1	187b <input type="checkbox"/> Yes <input type="checkbox"/> No	187c <input type="checkbox"/> Yes <input type="checkbox"/> No	187d <input type="checkbox"/> Yes <input type="checkbox"/> No	187e <input type="checkbox"/> Yes <input type="checkbox"/> No	187f _____ Number
2	187b <input type="checkbox"/> Yes <input type="checkbox"/> No	187c <input type="checkbox"/> Yes <input type="checkbox"/> No	187d <input type="checkbox"/> Yes <input type="checkbox"/> No	187e <input type="checkbox"/> Yes <input type="checkbox"/> No	187f _____ Number
3	187b <input type="checkbox"/> Yes <input type="checkbox"/> No	187c <input type="checkbox"/> Yes <input type="checkbox"/> No	187d <input type="checkbox"/> Yes <input type="checkbox"/> No	187e <input type="checkbox"/> Yes <input type="checkbox"/> No	187f _____ Number
4	187b <input type="checkbox"/> Yes <input type="checkbox"/> No	187c <input type="checkbox"/> Yes <input type="checkbox"/> No	187d <input type="checkbox"/> Yes <input type="checkbox"/> No	187e <input type="checkbox"/> Yes <input type="checkbox"/> No	187f _____ Number
5	187b <input type="checkbox"/> Yes <input type="checkbox"/> No	187c <input type="checkbox"/> Yes <input type="checkbox"/> No	187d <input type="checkbox"/> Yes <input type="checkbox"/> No	187e <input type="checkbox"/> Yes <input type="checkbox"/> No	187f _____ Number
6	187b <input type="checkbox"/> Yes <input type="checkbox"/> No	187c <input type="checkbox"/> Yes <input type="checkbox"/> No	187d <input type="checkbox"/> Yes <input type="checkbox"/> No	187e <input type="checkbox"/> Yes <input type="checkbox"/> No	187f _____ Number

Notes

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

SECOND HOME SUPPLEMENT — Continued		
Column A [- 6 42]	Column B [- 6 43]	Column C [- 6 44]
188a. INSTRUCTIONS — Transcribe property number from item 187a for up to three properties in the following order: first one page (187), then any others. TREAT OWNERSHIP OF A MULTI-UNIT BUILDING AS ONE. Then ask items 188-197 for each property.		
188b. Property number 6300 <input type="checkbox"/>	188b. Property number 6300 <input type="checkbox"/>	188b. Property number 6300 <input type="checkbox"/>
188a. Now I have a few questions to ask about this property in (Location information in item 187a).	188a. Now I have a few questions to ask about this property in (Location information in item 187a).	188a. Now I have a few questions to ask about this property in (Location information in item 187a).
b. Is this property in a rural area or is it in an urban area? 6310 <input type="checkbox"/> Rural <input type="checkbox"/> Urban	b. Is this property in a rural area or is it in an urban area? 6310 <input type="checkbox"/> Rural <input type="checkbox"/> Urban	b. Is this property in a rural area or is it in an urban area? 6310 <input type="checkbox"/> Rural <input type="checkbox"/> Urban
c. Is this property in what YOU would call a recreational or resort area? 6320 <input type="checkbox"/> Yes <input type="checkbox"/> No	c. Is this property in what YOU would call a recreational or resort area? 6320 <input type="checkbox"/> Yes <input type="checkbox"/> No	c. Is this property in what YOU would call a recreational or resort area? 6320 <input type="checkbox"/> Yes <input type="checkbox"/> No
190. Is it — (Read all answer categories) 6330 <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) 6330 <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) 6330 <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? 6340 <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? 6340 <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? 6340 <input type="checkbox"/> Yes <input type="checkbox"/> No
192. MARK OR ASK — Is it within 150 miles of here? 6350 <input type="checkbox"/> Yes <input type="checkbox"/> No	192. MARK OR ASK — Is it within 150 miles of here? 6350 <input type="checkbox"/> Yes <input type="checkbox"/> No	192. MARK OR ASK — Is it within 150 miles of here? 6350 <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? 6360 <input type="checkbox"/> Yes <input type="checkbox"/> No — Skip to item 194	193a. Is the ownership of the (house/apartment/mobile home/building) shared with anyone living outside this household? 6360 <input type="checkbox"/> Yes <input type="checkbox"/> No — Skip to item 194	193a. Is the ownership of the (house/apartment/mobile home/building) shared with anyone living outside this household? 6360 <input type="checkbox"/> Yes <input type="checkbox"/> No — Skip to item 194
b. What is (year)... J share? 6370 Percent 6380 Weeks	b. What is (year)... J share? 6370 Percent 6380 Weeks	b. What is (year)... J share? 6370 Percent 6380 Weeks
194. How much do you think (1/2 year share of B)... share of B would call for on today's market? 6390 \$ <input type="checkbox"/> 00 Ask item 195, page 52	194. How much do you think (1/2 year share of B)... share of B would call for on today's market? 6390 \$ <input type="checkbox"/> 00 Ask item 195, page 52	194. How much do you think (1/2 year share of B)... share of B would call for on today's market? 6390 \$ <input type="checkbox"/> 00 Ask item 195, page 52

SECOND HOME SUPPLEMENT — Continued		
Column A [- 6 43]	Column B [- 6 44]	Column C [- 6 45]
195. Is there a mortgage or other loan on this property? (Include "Land contracts" and other loans SECURED BY THE PROPERTY) 6400 <input type="checkbox"/> Yes <input type="checkbox"/> No	195. Is there a mortgage or other loan on this property? (Include "Land contracts" and other loans SECURED BY THE PROPERTY) 6400 <input type="checkbox"/> Yes <input type="checkbox"/> No	195. Is there a mortgage or other loan on this property? (Include "Land contracts" and other loans SECURED BY THE PROPERTY) 6400 <input type="checkbox"/> Yes <input type="checkbox"/> No
196. In the past year, how many nights did (Specify names for line numbers in item 187b) stay there? 6410 Nights _____ OR <input type="checkbox"/> None	196. In the past year, how many nights did (Specify names for line numbers in item 187b) stay there? 6410 Nights _____ OR <input type="checkbox"/> None	196. In the past year, how many nights did (Specify names for line numbers in item 187b) stay there? 6410 Nights _____ OR <input type="checkbox"/> None
197a. Which of the following reasons is why (Specify names for line numbers in item 187b) own this (house/apartment/mobile home/building)? Because — (Read all answer categories) (Mark (X) all that apply) 6420 <input type="checkbox"/> It was a previous usual residence <input type="checkbox"/> It is used for recreational purposes <input type="checkbox"/> It is for investment purposes <input type="checkbox"/> (Specify names for line numbers in item 187b) wish to sell it but have not yet been able to <input type="checkbox"/> It was inherited <input type="checkbox"/> Some other reason — Specify 7	197a. Which of the following reasons is why (Specify names for line numbers in item 187b) own this (house/apartment/mobile home/building)? Because — (Read all answer categories) (Mark (X) all that apply) 6420 <input type="checkbox"/> It was a previous usual residence <input type="checkbox"/> It is used for recreational purposes <input type="checkbox"/> It is for investment purposes <input type="checkbox"/> (Specify names for line numbers in item 187b) wish to sell it but have not yet been able to <input type="checkbox"/> It was inherited <input type="checkbox"/> Some other reason — Specify 7	197a. Which of the following reasons is why (Specify names for line numbers in item 187b) own this (house/apartment/mobile home/building)? Because — (Read all answer categories) (Mark (X) all that apply) 6420 <input type="checkbox"/> It was a previous usual residence <input type="checkbox"/> It is used for recreational purposes <input type="checkbox"/> It is for investment purposes <input type="checkbox"/> (Specify names for line numbers in item 187b) wish to sell it but have not yet been able to <input type="checkbox"/> It was inherited <input type="checkbox"/> Some other reason — Specify 7
b. In the past year, how many nights did you rent out this unit? 6430 Nights _____ OR <input type="checkbox"/> None	b. In the past year, how many nights did you rent out this unit? 6430 Nights _____ OR <input type="checkbox"/> None	b. In the past year, how many nights did you rent out this unit? 6430 Nights _____ OR <input type="checkbox"/> None
Go to next property, if none, ask item 188, page 53.	Go to next property, if none, ask item 188, page 53.	Go to next property, if none, ask item 188, page 53.
Notes		

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

188. Check item (See Control Card items 13 and 18.)
 Household contains people age 14 + NOT related to reference person - Ask item 190a
 All others - Go to item 200a, page 64

190a. I have a few questions that I would like to ask you about your housing situation. Are they true now?

	- 8 3 8 1 - 4476 Line number	- 8 3 1 1 - 4476 Line number	- 8 3 2 1 - 4476 Line number
1. <input type="checkbox"/> Yes - Skip to item 190c <input type="checkbox"/> No - Ask item 190b	4476 1 <input type="checkbox"/> Yes - Skip to item 190c 2 <input type="checkbox"/> No - Ask item 190b	4476 1 <input type="checkbox"/> Yes - Skip to item 190c 2 <input type="checkbox"/> No - Ask item 190b	4476 1 <input type="checkbox"/> Yes - Skip to item 190c 2 <input type="checkbox"/> No - Ask item 190b
2. <input type="checkbox"/> Yes - Skip to item 190c <input type="checkbox"/> No - Ask item 190b	4480 1 <input type="checkbox"/> Yes - Skip to item 190c 2 <input type="checkbox"/> No - Ask item 190b	4480 1 <input type="checkbox"/> Yes - Skip to item 190c 2 <input type="checkbox"/> No - Ask item 190b	4480 1 <input type="checkbox"/> Yes - Skip to item 190c 2 <input type="checkbox"/> No - Ask item 190b

b. As I mentioned earlier, we are concerned about housing costs compared to income. What is your estimate of ...'s total income before deductions in the last 12 months?

c. (Introduce yourself, then say:)
 I have been asking ... a few questions about this building. One of the main housing problems today is the cost of housing compared to income. What was your income before deductions the last 12 months?

Notes

ALTERNATE HOUSING SUPPLEMENT

200a. CHECK ITEM (See Control Card items 25 and 26)
 One or more persons moved in within a 12-month period - Ask item 200b
 No persons moved in within a 12-month period - Go to Control Card item 9a

NOTE - Ask all categories in item 200b before proceeding to item 200c.

200b. How I have some questions about people ... (Specify names of persons who moved here within the last 12 months) stayed before moving here. In the 12 months before (you/they/they) moved here, did (you/they/any of these persons) stay overnight -

	- 8 4 1 1 - 6800 Line number		
(1) with family or friends in a house, apartment, or mobile home?	6800 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	6800 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	6800 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
(2) in a dormitory or barracks?	6810 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	6810 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	6810 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
(3) in a care facility or other institution, such as a hospital?	6820 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	6820 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	6820 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
(4) in a jail or prison?	6830 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	6830 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	6830 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
(5) in a homeless shelter or other shelter, halfway house, or welfare hotel?	6840 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	6840 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	6840 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
(6) in a single room occupancy hotel (SRO-hotel)?	6850 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	6850 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	6850 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
(7) in a bar or train terminal, an overnight shelter, makeshift structure, automobile, or other indoor sleeping location?	6860 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	6860 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	6860 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
(8) on a street, in a park, under an overpass or other outdoor sleeping location?	6870 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	6870 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	6870 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No

NOTE - Ask item 200d and item 200e if applicable for each "Yes" in item 200b.

200d. We're interested in finding out whether people had difficulties obtaining housing. (Specify categories reported "Yes" in item 200b. Ask (you/they/they) have a home to return to?)

3 Yes
4 No - Ask item 200e

3 Yes
4 No - Ask item 200e

3 Yes
4 No - Ask item 200e

3 Yes
4 No - Ask item 200e

3 Yes
4 No - Ask item 200e

3 Yes
4 No - Ask item 200e

3 Yes
4 No - Ask item 200e

3 Yes
4 No - Ask item 200e

200e. CHECK ITEM
 All "No" in item 200b - Go to Control Card item 9a
 Any "Yes" in item 200b - Ask item 200d

Notes

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

ALTERNATE HOUSING SUPPLEMENT — Continued

(Ask, if necessary)
200e. Who was that? (Enter line number and name and ask 200f when "No." is marked in 200d).
 - 6 45 1

Name	Name	Name
8890	8890	8890
8891	8891	8891
8892	8892	8892
8893	8893	8893
8894	8894	8894
8895	8895	8895
8896	8896	8896
8897	8897	8897
8898	8898	8898
8899	8899	8899

200f. How many nights did [...] spend there?
 (1) 8920 _____ Nights
 (2) 8900 _____ Nights
 (3) 8910 _____ Nights
 (4) 8920 _____ Nights
 (5) 8930 _____ Nights
 (6) 8940 _____ Nights
 (7) 8950 _____ Nights
 (8) 8960 _____ Nights

200g. How many nights did [...] spend there?
 (1) 8920 _____ Nights
 (2) 8900 _____ Nights
 (3) 8910 _____ Nights
 (4) 8920 _____ Nights
 (5) 8930 _____ Nights
 (6) 8940 _____ Nights
 (7) 8950 _____ Nights
 (8) 8960 _____ Nights

9. Go to Control Card item 9e.

Notes

OBSERVATION ITEMS

201a. How many stories are in the building, including the basement? (If split level, count greatest number of stories on top of each other.)
 - 6 53 1

OR

21 21 or more

201b. What is the condition of the light fixtures in the public halls?
 8790

1 No public halls
 2 All in working order
 3 Some in working order
 4 None in working order
 5 No light fixtures
 6 Fixtures turned off, unable to determine if working, not obviously broken

201c. How many stories are there from main entrance of building to main entrance of sample unit?
 8800

a Same floor
 b Stories up or down to home

201d. Is there a passenger elevator on this floor?
 8810

1 No elevator
 2 At least one working elevator
 3 All elevators not working

201e. Are there loose, broken, or missing steps on any common stairways inside this building or attached to this building?
 8820

1 No common stairways — Skip to item 201g
 2 Yes
 3 No

201f. Are all railings on the common stairways firmly attached?
 8830

1 No stair railings
 2 Yes
 3 No

201g. What is the external condition of the building that contains the sample unit, as visible from front of building or roadway?
 (Mark (X) all that apply.)
 8840

1 Sagging roof
 2 Missing roofing material
 3 Hole in roof
 4 Could not see roof
 5 Missing bricks, siding, or other outside wall material
 6 Slipping outside walls
 7 Boarded up window(s)
 8 Broken window(s)
 9 Bars on window(s)
 10 Foundation crumbling or has open crack or hole
 11 Could not see foundation
 OR
 12 Observed, but no listed conditions for roofs, walls, windows, or foundations
 OR
 13 Unable to observe

201h. How would you classify the structure that contains the sample unit?
 8850

One-unit building — detached
 One-unit building — attached
 Mobile home — one unit
 Two-or-more-unit building
 Mobile home — two-or-more units

201i. How many living quarters are in the structure that contains the sample unit? (including the sample unit.)
 _____ Number of living quarters

Notes

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

OBSERVATION ITEMS - Continued

The items on this page concern the area within 300 feet from the front entrance of the building in which sample unit is located.

202a. Which of these are within 300 feet of building containing the sample unit?
(Exclude this building.)
(Mark (X) all that apply.)

4820 1 Single-family, detached house(s)
2 Single-family, attached house(s) or low-rise (1-3 story) residential multi-unit building(s)
3 Mid-rise (4-6 story) residential multi-unit building(s)
4 High-rise (7+ story) residential multi-unit building(s)
5 Mobile home(s) (exclude campers)
6 Commercial, institutional, industrial building(s)
7 Residential parking lot(s)
8 Body of water
9 Open space, park, woods, farm, or ranch
10 4+ lane highway, railroad or airport
11 Other - Specify _____
12 Could not observe

OR

b. What is the predominant age of residential buildings within 300 feet?
(Exclude this building.)

4825 1 Older than sample unit
2 About the same
3 Newer than sample unit
4 Very mixed
5 No other residential buildings

c. Are any buildings vandalized, or interior exposed to the elements?
(Exclude this building.)

4830 1 Yes, only one vandalized or exposed
2 Yes, more than one
3 None vandalized or exposed
4 No other buildings within 300 feet - Skip to item 202e

d. Are there bars on windows of buildings in area?
(Exclude this building.)

4840 1 Yes, only one building with bars
2 Yes, more than one
3 No bars on windows

e. What is the condition of streets?

4850 1 Major repairs needed
2 Minor repairs needed
3 No repairs needed
4 No streets within 300 feet

f. Is there trash, litter, or junk in streets, roads, empty lots, or on any properties?
(Include this building.)

4860 1 Major accumulation
2 Minor accumulation
3 None

INTERVIEW COMPLETED

203. Suggestions/Problems (InterComm or S*M*A*R*T suggestion form filled)

4880 1 Questionnaire/Control Card suggestions or problems specific to this interview - Describe on appropriate form
2 General questionnaire/Control Card suggestion or problems - Describe on appropriate form
3 Procedural suggestions - Describe on appropriate form

204. Item number or item ranges involved in suggestion/problem

4871 -

4872 -

4873 -

Notes

Facsimile of the American Housing Survey Questionnaire: 1991—Continued

Notes

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Form HUD-22 (8-23-91)

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Appendix B.

Sample Design, Weighting, and Telephone Experiments

SAMPLE DESIGN

This report is based on data from a sample of housing units selected from the 1980 census. Base-year data come from the 1980 census long-form data for these sample units. Data from base-year units with only 1980 census short-form data could not be used. Current-year data come from interviews conducted between July and December 1991. For 1991, we updated the sample selected from the 1980 census by adding newly constructed housing units and units discovered through coverage improvement efforts.

Base year. The base year consists of about 46,600 sample units. We either did not have or could not use the base-year data from about 8,200 of these units for the following reasons:

- a. No 1980 census long-form data were available for one of the following reasons:
 1. The unit was missed or inadequately defined in the 1980 census (about 1,200 records).
 2. The unit filled out the 1980 census short form (about 4,900 records).
 3. The base-year unit did not match the 1980 census unit.

NOTE: Most of the cases in 2 and 3, above, probably consist of mergers and conversions. Mergers usually had at least one noninterview because Mergers involved at least two base-year units, and there was usually only one or two long-form cases in a structure.

- b. If either the base-year or current-year record for "Sames" were a noninterview, both records were treated as noninterviews. (about 5,800 records)

NOTE: Some of these base-year/current-year noninterviews for "Sames" were caused by the three situations mentioned above. Thus, the sum of all the types of noninterviews will not add to the total.

These 8,200 records are known as type-A noninterviews.

Current year. The current year consists of about 53,000 sample units. We either did not have or could not use the data from about 6,700 of these units for the following reasons:

- No one was home after repeated visits.
- The respondent refused to be interviewed.
- If either the base-year or current-year record for "Sames" was a noninterview, both records were treated as noninterviews (about 5,800 records).

These 6,700 are known as type-A noninterviews.

Sample Selection

We selected the sample in several steps. First, we divided the United States into areas made up of counties or groups of counties and independent cities, which we refer to as primary sampling units (PSU's). We selected a sample of these PSU's. Then we selected a sample of housing units within these PSU's.

Selection of sample areas. The sample for AHS is spread over 394 PSU's. These PSU's cover 878 counties and independent cities with coverage in all 50 States and the District of Columbia. If there were a sufficient number of housing units in a PSU, the PSU was known as a *self-representing PSU* and was in sample with certainty. The sample from the PSU represents only that PSU. There are 170 self-representing PSU's.

We grouped the remaining PSU's into strata and selected one PSU per stratum to represent all PSU's in the stratum. We refer to these PSU's as *nonself-representing PSU's*. The sample nonself-representing PSU's for AHS are a subsample of the Current Population Survey's (CPS) sample areas.

Selection of sample housing units. The AHS sample consists of the following types of housing units:

- Housing units selected from the 1980 census.
- New construction in permit-issuing areas.
- Housing units missed in the 1980 census.
- Other housing units added since the 1980 census.

Housing units selected from the 1980 census. We selected a sample of housing units from the 1980 decennial census files using an overall sampling rate of about 1 in 2,148. In 1991, we added 50-percent more sample in rural areas, making the sampling rate 1 in 1,432 for rural

units. 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 for urban areas and 1 in 143.2 for rural 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. In rural areas, we added 50-percent more sample for 1991, making the probability of selection 1 in 1,432 in these areas.

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. Since we had 50-percent more 1980 census sample in rural areas, we picked up within structure additions at a higher rate in these areas. The weights on these units were adjusted accordingly. 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. Rural units had lower weights than urban units since we interviewed them at a higher rate in 1991. Components with a large proportion of rural units (e.g., moved-to-site mobile homes) were affected most by this.

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 1991 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:

$$\frac{\text{Control total from 1991 AHS for a cell}}{\text{CINCH sample estimate for the cell}}$$

The numerators come from the 1991 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 1991 AHS controlled new construction, along with all other interviewed units, to data based on the 1990 census. For more details on the 1991 AHS weighting procedure, see appendix B of the H150/91 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:

Control total of additions for a cell

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 1991, we used three different methods of interviewing: personal visit, decentralized telephone interviewing, and computer assisted telephone interviewing (CATI). We divided the 1991 sample into six panels. We assigned two of the six panels to a maximum CATI treatment (19,800 cases). We assigned the other four panels (about 38,000 units) to a maximum decentralized (local) telephone interviewing treatment (i.e., the non-CATI treatment).

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. There were differences between CATI and non-CATI data in 1987, 1989, and 1991. However, 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 positive aspect is that we can reconcile questionable results from previous enumerations and 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 and 1991 are biased and longitudinal analysis is adversely affected since we used CATI in 1991. 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, and 1991 AHS-N enumerations. If the responses for a particular year differed from the previous year, we asked the respondent to explain the difference. Our goal was to determine if there was a change since the previous year or if one of the responses was wrong.

1987 reconciliation study. The 1987 reconciliation study indicated respondents had difficulty reporting items such as the following: (a) presence of basement, (b) heating equipment, and (c) heating fuel.

The number of respondents who said their 1985 response was wrong was about the same as the number who said their 1987 response was wrong. Since we interviewed all households by personal visit in 1985, this indicates an effect due to certain questions rather than the mode of interview.

1989 and 1991 reconciliation studies. We conducted reconciliation studies in AHS-N in 1989 and 1991 with some of the questions from the 1987 study. The results were similar to the 1987 study. Results indicate problems reporting the

presence of a basement, and type of heating equipment. More respondents indicated the prior year response, rather than the current year response, was wrong.

1991 moderate physical problems (MPP's) study. In 1991, an experiment was done to determine why CATI reported fewer moderate physical problems (MPP's) than non-CATI. The low estimates of MPP's found by CATI, relative to non-CATI in 1987 and 1989 AHS-N were likely caused by CATI underestimating MPP's and non-CATI overestimating MPP's. Thirty-seven percent of the differences between CATI and non-CATI were attributed to CATI missing a true MPP. And forty-two percent of the differences were attributed to non-CATI recording MPP's which reconciliation showed did not exist.

Appendix C.

Historical Comparisons and Changes

Age of Other Residential Buildings Within 300 Feet

1987. See the discussion under the topic "Buildings and Neighborhood."

Bars on Windows of Buildings

1987. See the discussion under the topic "Buildings and Neighborhood."

Buildings and Neighborhood

1987. As a result of the use of both decentralized telephone interviewing and Computer Assisted Telephone Interviewing (CATI) in the 1987 AHS-N and later, data for several observation items (where the interviewer rather than the respondent supplied the data) are not comparable to that reported in the 1985 AHS-N. Data for the observation items for units assigned to telephone interviewing were collected only if the sample unit was located in a multiunit structure. Data for the following items in 1987 and later are restricted to units in multiunit structure: "Stories in structure"; "External building conditions"; "Description of area within 300 feet"; "Age of other residential buildings within 300 feet"; "Other buildings vandalized or with interior exposed"; "Bars on windows of buildings"; "Condition of streets"; and "Trash, litter, or junk on streets or any properties." Data for these items were shown for all units in 1985, including single-family homes.

Computer Assisted Telephone Interviewing (CATI)

1987. Large-scale CATI experiments were conducted as part of both the 1987, 1989, and 1991 AHS-N. Preliminary analysis of the CATI experiments indicated that CATI has a significant effect on the data. The experiments revealed that characteristics' data for owner housing, urban housing, and housing with moderate physical problems exhibited high numbers of significant differences between CATI and non-CATI estimates. The moderate physical problems subgroup had the highest incidence of significant differences. The analysis also showed significant differences for total occupied, suburban housing units, and moved in past year. CATI characteristics estimates were generally lower than

non-CATI for units with water leakage, monthly housing costs as percent of current income, other heating fuel, and owners with a mortgage. However, CATI produced higher estimates for utilities paid separately, income and shared ownership. Other characteristics which showed significant differences between CATI and non-CATI estimates include routine maintenance costs and heating equipment.

Condition of Streets

1987. See the discussion under the topic "Buildings and Neighborhood."

Description of Area Within 300 Feet

1987. See the discussion under the topic "Buildings and Neighborhood."

External Building Conditions

1987. See the discussion under the topic "Buildings and Neighborhood."

Income

1989. Two new items in 1989 replaced similar items that were published in 1985 and 1987. They are "Monthly housing costs as percent of current income" and "Ratio of value to current income." For income, these new items use "Current income." In 1985 and 1987, the items "Value-income ratio" and "Monthly housing costs as percent of income" used the "Income of families and primary individuals in the last 12 months." See appendix A for a complete definition of "Current income," "Monthly housing costs as percent of current income," and "Ratio of value to current income." We recommend caution when comparing 1985 data with 1989 because of the differences in the definitions. For comparative purposes, the following table shows monthly housing costs as a percent of both income in the last 12 months and current income. For total households and owner households, the medians are the same for both types of income; for renter households, the medians are 29 and 27 percent, respectively.

Married-Couple Families

1985. It was discovered that the published 1985 estimates of married-couple families with no nonrelatives were over-estimates 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.

Severe and Moderate Problems

1985, and 1991. The data concerning units with severe and moderate problems in 1991 and later are not entirely comparable with similar data published in 1985. See the discussion under the topic "Plumbing Facilities."

Stories in Structure

1987. See the discussion under the topic "Buildings and Neighborhood."

Trash, Litter, or Junk on Streets or Any Property

1987. See the discussion under the topic "Buildings and Neighborhood."

Utilities

1989. Beginning in 1989, two procedures were introduced that attempt to correct the overreporting of electricity and gas costs in the AHS-N. In the first procedure, respondents were asked the amount of the electricity and/or gas bill for the previous months of January, April, August, and December. These months are the best predictors of annual costs. If the respondent provided data for at least 3 of the 4 months (1 month for recent movers), the results were used to provide an annual estimate of costs. This estimate was then divided by 12 to provide average monthly costs. The second procedure was applied to the remaining units. If the respondents did not know the amount of their electricity

and/or gas bill for at least 3 of the 4 months, we used their estimate of average monthly costs. A factor was then applied that, in effect, lowered these costs to make them consistent with electricity and gas costs reported in the Residential Energy Consumption Survey sponsored by the United States Department of Energy. Before 1989, respondents were only asked to provide an estimate of average monthly costs. Research has shown that this approach produces 15 to 20 percent overestimates of electricity and gas costs. The new procedures in 1989 and later produce lower and more accurate estimates. On average, more than one-third of the respondents provided answers for at least 3 of the 4 months.

Appendix D. Errors

All numbers in this book are estimates. As in other surveys, errors come primarily from wrong answers, incomplete data, and sampling.

NONSAMPLING ERRORS

Nonsampling errors are usually the largest source of errors, larger than sampling errors. Errors from wrong answers and from incomplete data apply to some items, discussed in the next paragraphs.

Wrong answers. Wrong answers happen because people misunderstand questions, cannot recall the correct answer, or do not want to give the right answer. Table 1, at the end of the appendix, shows which items have high inconsistency when people are reinterviewed after a few weeks. The actual survey cannot catch and reconcile these inconsistencies, so a high rate of wrong answers remains. Not all questions have been checked for inconsistencies. The ones checked were the questions where inconsistencies seemed likely. Questions measuring opinions were likely to have high inconsistencies.

The numbers in table 1 are percents. They are nearly the same as: 100 minus the correlation between answers in the original interview and the reinterview. For example, an inconsistency of 20 means a correlation of 80 percent, which is good. This is the correlation between answers to the same question, usually from the same respondents, a month apart. Wrong answers make results wrong, and mean that data on groups, for example income groups, are infected with data from people who really are not like the group at all. Readers should be wary of drawing firm conclusions from items with high inconsistency.

Coverage errors. Each home in the AHS-N sample represents a large number of other homes. However, because of incomplete sampling lists (i.e., undercoverage) the homes in the survey do not represent all homes in the country. Therefore, the raw numbers from the survey are raised proportionally so that the numbers published here match independent estimates of the total number of homes. These independent estimates are based on the 1990 Census of Housing, plus changes since then. Current year housing unit undercoverage is about 2.6 percent. Overall there was very little undercoverage for the base year. Table A lists units that have known coverage deficiencies.

Table A. Undercoverage of Units

Type of unit	Reason for undercoverage
Mobile homes	Poor coverage of new mobile home parks in address enumeration districts. This impacts new construction mobile homes, mobile homes moved in, and mobile homes moved out.
Conventional new construction	Permits issued fewer than 6 months before interviewing are not considered. This impacts conventional (i.e., nonmobile home) new construction.
New construction in special places	Not covered in permit areas. Some special places in nonpermit areas are covered. This impacts conventional new construction.
Whole structure additions	These units are chosen with the aid of screening questions. Eligible units could be missed and ineligible units included because of incorrect answers to the screening questions. This impacts moved in units, New construction and From 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 20 percent in our sample of base year (i.e., 1980) units. The second stage of the ratio estimation procedure (see appendix B) adjusts for this. All components containing mobile homes are impacted by this adjustment. The largest impact is on mobile homes moved in and mobile homes moved out.

The base-year, new-construction, and current-year ratio-estimation procedures adjust these deficiencies for the total number of housing units only. Biases of subtotals and components still exist. The error associated with these units is included in the error resulting from incomplete data, below.

Incomplete data.¹ Incomplete data happen because sampling lists are incomplete; and because people refuse the interview or some of the questions, or do not know answers.

¹Statistical 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.²

Component determination. The CINCH component classification is also subject to error. The Housing and Household Economic Statistics Division reviews listing sheets of components which have a high rate of incorrect reporting (e.g., Mergers and Conversions) as well as listing sheets where the component is not consistent with other data collected. All errors found are corrected; however, there are some mistakes which can not be detected. For example, there is no way to tell if the interviewer indicated a conversion to more units when, in fact, a new wing or floor had been added. We do not have any information on the magnitude of this error.

SAMPLING ERRORS

Definition. Error from sampling reflects how estimates from a sample vary from the actual value. (Note: "actual value" means the value that would appear if all housing units had been interviewed, under the same conditions, rather than only a sample. A confidence interval is a range which contains the actual value with a specified probability.)

Counts. Most numbers in this book are counts of housing units (e.g., units with basements or units with an elderly person). These counts have error from sampling. Table B gives a convenient list of errors for a range of numbers.

These errors are an overestimate for most items. To get a more accurate answer, use the appropriate formula shown in table 4 (at the end of this appendix). As with the other types of errors, readers should be wary of numbers with large errors from sampling.

Table B. Errors From Sampling to Compute a 90-Percent Confidence Interval

When this book lists one of the following numbers—	The chances are 90 percent that the actual value is inside the range of plus or minus—
0	5
10	9
100	30
500	66
1,000	93
2,500	146
5,000	204
10,000	282
25,000	409
50,000	479
75,000	431
95,000	276
104,000	71

Source: These errors were computed based on a formula in table 4a or 4b with high error. This table represents a conservative example. The numbers are in thousands.

The error from sampling cannot be known exactly. We approximate it using the following formula for constructing a 90-percent confidence interval:

$$1.64 \times \sqrt{3.25 \times A - .000036 \times A^2}$$

where A is a number (a count of units) in this book.

This formula is an overestimate for most items. To get a more accurate estimate, use the appropriate formula in table 4a or 4b.

For example if A is 200:

$$1.64 \times \sqrt{3.25 \times 200 - .000036 \times 200 \times 200} = 42$$

The 90-percent confidence interval can then be formed by adding and subtracting this error to the survey estimate of 200 (i.e., 200 ± 42). Statements such as "the actual value is in the range 200 ± 42 (158 to 242)," are right 90 percent of the time and wrong 10 percent of the time.³

Numbers in the book are printed in thousands, so 200 means 200,000. The formulas are designed to use numbers directly from the book; do not add zeros. The result is also in thousands, so 42 means 42,000.

²Data 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.

³The formula in the text is based on 1.64 times the error from sampling. This formula gives "90-percent confidence interval errors." For 95-percent confidence interval errors multiply by 1.96 instead of 1.64; for 99-percent confidence multiply by 2.58 instead of 1.64.

Percents. Any subgroup can be shown as a percent of a larger group. The error from sampling for a 90-percent confidence interval for this percent is:

$$1.64 \times \sqrt{3.25 P (100 - P) / A}$$

where P is the percent; A is the denominator, or base of the percent.⁴

This formula is an overestimate for most items. To get a more accurate estimate, replace the first number under the square root sign with the first number under the square root sign of the appropriate formula in table 4a or 4b.

For example, the error from sampling for a 90-percent confidence interval for 40 percent of 200 (meaning 200,000) is:

$$1.64 \times \sqrt{3.25 \times 40 \times 60/200} = 10.2$$

Statements such as "the actual percent is in the range 29.8 percent to 50.2 percent" are right 90 percent of the time. This formula is an overestimate for most items. To get a more accurate estimate, change the first number under the square root sign here, 3.25, to the first number given under the square root sign of the appropriate formula in table 4a or 4b.

Note that when a ratio C/D is computed where C is *not* a subgroup of D (for example, the number of Hispanics as a ratio of the number of Blacks) the error from sampling is different. The error from sampling for a 90-percent confidence interval for a ratio C/D⁵ is:

$$(C/D) \sqrt{((\text{error for C}) / C)^2 + ((\text{error for D}) / D)^2}$$

Medians. The following steps calculate the error from sampling for a 90-percent confidence interval for medians.⁶

⁴This formula is actually $1.64 \times \sqrt{(p(100-p)/n)}$, since 3.25/A adjusts the data to the effective sample size.

⁵The 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.

⁶For small bases use the more accurate approach in table 5.

⁷The factor 1.6 is a conservative estimate for most items. For a better approximation, find the appropriate formula in table 4 and divide the first number under the square root sign by 3.25. Take the square root of this answer and multiply by 1.6 to get your factor.

Steps for calculations	The formula	An example	Your data
How many total units is the median based on (in thousands, exclude "not reported" and "don't know")?	A	200	—
What are the end-points of the category the median is in?	X - Y	\$50-74	—
What is the width of this category (in dollars, rooms, or whatever the item measures)?	W	\$25	—
How many housing units are in this median category (in thousands)?	B	30	—
Then the error from sampling for the median is approximately: ⁷	$\frac{1.6 \times W \times \sqrt{A}}{B}$	$\frac{1.6 \times 25 \times \sqrt{200}}{30}$	—
		= 19	
The 90-percent confidence interval for the median is:	median $\pm \frac{1.6 \times W \times \sqrt{A}}{B}$	median \pm 19	—

Differences. Two numbers from this book, like 34 and 40 or 40 percent and 45 percent have a "statistically significant difference" if their ranges of error from sampling for a 90-percent confidence interval do not overlap. When ranges of error for a 90-percent confidence interval do overlap, numbers are still statistically different if the result of subtracting one from the other is more than:⁸

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

For example, if the first number is 34 with an error of 17 and the second number is 40 with an error of 19, then the 90-percent confidence interval error for this difference of 6 is:

$$\sqrt{17^2 + 19^2} = 25$$

Since the difference is less than this error, these two numbers are not statistically different.

⁸Error for first number should be interpreted as the error for a 90-percent confidence interval for the first number. Likewise, error for second number should be interpreted as the error for a 90-percent confidence interval for the second number.

Table 1. Different Answers a Month Apart

Item	When measured ¹	Level of inconsistency	Confidence interval ²
Other kinds of heating equipment (central warm-air)	89-MS	91	[73-100]
Mortgage payment include anything else (first mortgage)	90-MS	90	[72-111]
Water came in from other places	89-MS	81	[64-100]
Moved for other, financial/employment	85-MS	80	(62-104)
Moved for other, housing related	85-MS	79	(65-97)
Police protection problem in neighborhood	89-MS	78	[63-95]
Poor city/county service in neighborhood	89-MS	78	[63-95]
Moved for other reason	85-MS	73	(64-85)
Moved for better quality house	85-MS	69	(58-82)
Moved because other family/personal related	85-MS	68	(54-86)
Cost for water supply and sewage disposal	81-N	68	(61-76)
Other problem in neighborhood	89-MS	67	[61-74]
Undesirable industries/businesses in neighborhood	89-MS	66	[54-82]
Rats	89-MS	65	[54-69]
Noise in neighborhood	89-MS	64	[57-72]
Other kinds of heating equipment (none)	89-MS	63	[60-67]
Peeling paint on the ceiling	81-N	63	(49-80)
Other kinds of heating equipment (unvented room)	89-MS	62	[45-86]
How LIKELY to move to place prefer to live in 5 years	85-MS	62	(54-71)
How LIKELY to still be living in this unit in 5 years	85-MS	60	(49-74)
Gross income	82-MS	59	not available
Open cracks or holes in building	81-N	58	(47-72)
Electric fuses or breaker switches blown	81-N	58	(50-68)
Other major repairs over \$500 each—repair done	85-MS	57	(50-64)
People in neighborhood	89-MS	57	[52-62]
Central air conditioning/dehumidifier	80-N	56	not available
Satisfactory police protection	77-N	55	(49-62)
Moved for lower rent or less expensive house to maintain	85-MS	55	(43-70)
Broken plaster or peeling paint	89-MS	55	[46-65]
Water came in from walls, doors, windows	89-MS	55	[45-67]
A working electric wall outlet	77-N	55	(42-71)
Other kinds of heating equipment (fireplace with no insert)	89-MS	54	[49-59]
Shopping	77-N	54	(47-61)
Broken plaster on the ceiling	81-N	53	(40-70)
Water came in from roof	89-MS	53	[46-60]
Payments the same during whole length of the mortgage	85-MS	52	(46-59)
Litter in neighborhood	89-MS	51	[44-60]
Main reason moved	85-MS	51	(47-55)
Which best describes place at that time	85-MS	51	(46-55)
Yearly cost for garbage	81-N	51	(43-62)
Rate the place (10 categories)	89-MS	51	[49-53]
Other major repairs over \$500 each—someone in household do work	85-MS	51	(36-72)
Other kinds of heating equipment (other built-in electric)	89-MS	50	[38-66]
Holes in the floors	81-N	50	(33-74)
Oil, coal, kerosene, wood and any other fuel cost	81-N	50	(40-64)
Type of vacant	81-N	50	(38-65)
Central air fuel	85-N	50	(40-63)
At age 16, live in this area/different place	85-MS	50	(44-57)
Public transportation	77-N	50	(44-56)
Cookstove or range with oven	85-N	50	(39-64)
Traffic in neighborhood	89-MS	49	[43-54]
Moved to establish own household	85-MS	48	(38-59)
Rate the place (categories 1-6 combined)	89-MS	48	[46-51]
Other kinds of heating equipment (portable electric)	89-MS	47	[41-54]
Real estate taxes	81-N	47	(33-67)

See footnotes at end of table.

Table 1. Different Answers a Month Apart—Con.

Item	When measured ¹	Level of inconsistency	Confidence interval ²
Central air conditioning/none	80-N	47	not available
Crime in neighborhood	89-MS	47	[41-53]
Any additions built—repair done	85-MS	46	(35-61)
Water came in from basement	89-MS	45	[38-55]
Moved to change from owner to renter/renter to owner	85-MS	44	(36-55)
Number of living rooms	85-N	44	(33-57)
Major equipment, such as furnace or central air replace/added— repair done	85-MS	44	(35-55)
Five years from now, would you prefer living in this area or someplace else	80-N	44	(32-60)
Water leaked into home from outdoors	89-MS	43	[39-47]
Rate the place (four combined categories)	89-MS	43	[41-46]
Other kinds of heating equipment (fireplace with insert)	89-MS	43	[35-52]
Concealed wiring	89-MS	43	[33-57]
Siding replaced or added in last 2 years—repair done	85-MS	42	(32-56)
Heat breakdown	89-MS	41	[30-56]
Yearly cost of insurance (reported in \$100 increments to \$1,000)	89-MS	41	[38-44]
Moved to be closer to school/work	85-MS	41	(32-53)
Heating equipment broke down for 6 hours or more	89-MS	41	[30-56]
Cost for real estate taxes	81-N	40	(35-46)
Central air conditioning/portable fan	80-N	40	not available
Public elementary school satisfactory	89-MS	40	[34-47]
Mice or rats or signs of	76-N	40	not available
House/apartment cold for 24 hours	89-MS	40	[36-45]
Current mortgage same year as bought home	85-MS	39	(27-56)
Prefer to be living in another home in this area in 5 years	85-MS	38	(31-48)
Anything about the neighborhood that bothers you	89-MS	38	[35-41]
Change in taxes/insurance/principal balance	85-MS	37	(28-51)
Other kinds of heating equipment (stove)	89-MS	36	[28-47]
Bathrooms remodeled or added—repair done	85-MS	35	(28-45)
Married, widowed, divorced, or separated	85-MS	35	not available
Costs for gas for the month of August	89-N	35	[24-54]
All or part of roof replaced in last 2 years—repair done	85-MS	35	(29-42)
New storm doors or storm windows bought and installed—repair done	85-MS	33	(27-41)
Moved because needed larger house or apartment	85-MS	33	(26-41)
Number of other rooms	85-N	32	(28-38)
Kitchen remodeled or added—repair done	85-MS	32	(25-41)
Insulation added—repair done	85-MS	32	(25-44)
House and lot sell on today's market	90-MS	31	[29-34]
Moved for new job or job transfer	85-MS	30	(22-39)
Average monthly cost for gas	89-N	29	[23-37]
Average monthly cost for electricity	89-N	28	[24-34]
Number of dining rooms	85-N	27	(24-29)
Type of mortgage (for the first mortgage/loan) (non-CATI)	89-N	27	[21-36]
Change based on interest rates	85-MS	26	(18-38)
Year the building was built	85-MS	25	not available
All or part of roof replaced in last 2 years—someone in household do work	85-MS	25	(15-44)
Number of family rooms	85-N	25	(21-30)
Mortgage payment include homeowner's insurance (first mortgage)	90-MS	24	[21-27]
Prefer to be living in this house/apartment/someplace else	85-MS	24	(20-29)
Clothes washer age	85-N	22	(19-25)
Any other rooms	85-N	22	(20-25)
How many years for mortgage	85-MS	22	(17-29)
New storm doors/windows bought/installed—someone in household do work	85-MS	19	(11-35)
Attend a public school or a private school	89-MS	19	[15-25]
Oven/cooking burner age	85-N	18	(16-21)
Heating equipment broke	89-MS	18	[9-34]

See footnotes at end of table.

Table 1. Different Answers a Month Apart—Con.

Item	When measured ¹	Level of inconsistency	Confidence interval ²
Clothes dryer age	85-N	18	(15-21)
Refrigerator age	85-N	18	(16-20)
Garbage disposal age	85-N	18	(15-22)
Insulation added—someone in household do work	85-MS	16	(8-33)
Monthly payment (first mortgage)	90-MS	16	[14-18]
Number of half bathrooms	85-N	16	(14-18)
New storm doors or storm windows bought and installed—job cost	85-MS	15	(8-32)
New assumed mortgage	85-MS	15	(11-22)
Mortgage payment include property tax (first mortgage)	90-MS	15	[12-18]
How much was borrowed	85-MS	14	(11-18)
Monthly payment (for first mortgage/loan) (non-CATI)	89-N	14	[11-19]
Dishwasher age	85-N	14	(11-17)
Where was mortgage borrowed (non-CATI)	89-N	13	[7-28]
Mortgage on this house/apartment	90-MS	13	[11-15]
How much was borrowed (for the first mortgage/loan)? (non-CATI)	89-N	13	[10-17]
Have property insurance	89-MS	12	[10-14]
Clothes dryer fuel	85-N	12	(9-14)
Number of room air conditioners	85-N	11	(9-15)
Interest rate on the mortgage (for the first mortgage/loan) (non-CATI)	89-N	10	[7-15]
Room air conditioners	85-N	10	(8-12)
Kitchen remodeled or added—someone in household do work	85-MS	9	(3-26)
Living quarters	85-N	8	(6-9)
Clothes washer	85-N	8	(6-9)
Number of units in building	85-N	8	(6-9)
Number of bedrooms	85-N	7	(6-8)
Number of full bathrooms	85-N	6	(5-8)
Dishwasher	85-N	6	(5-7)
Cooking fuel	85-N	5	(4-6)
Clothes dryer	85-N	5	(4-7)
Number of apartments	85-N	5	(4-8)
Garbage disposal	85-N	5	(4-7)
Central air conditioning	85-N	5	(4-6)

¹This 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.

²The confidence intervals enclosed by square brackets are at the 90-percent significance level, all others are at the 95-percent significance level. The confidence intervals for the years prior to 1989 have a significance level of 95 percent, since that time it has been the policy of the U.S. Bureau of the Census to publish a 90-percent significance level for all testing.

Table 2. Completeness Rates for Current Year Characteristics

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

United States and Regions	Occupied housing units, 1991	Same units, 1980 and 1991	Current year units resulting from—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Total occupied housing units (000's)	93 148	72 054	836	289	19 968	16 594	2 997	278	99
Completeness of sampling lists (percent) ¹	97	100	100	100	88	91	70	75	72
All interviews ²	85	86	95	87	83	86	68	73	71
Current total loan as percent of value	43	41	28	40	48	50	20	24	...
Total outstanding principal amount	45	43	38	45	50	53	22	27	...
Land rent fee	45	46	...	...	...	...	...	...	...
Mobile home park fee	56	63	...	...	50	50	50	...	...
Mobile home site placement	58	65	...	...	55	61	51	...	...
Lot size	80	61	...	57	60	63	47	41	...
Annual taxes paid per \$5000 value	62	63	51	62	59	62	44	37	...
Ratio of value to current income	62	62	50	62	62	65	50	38	...
Monthly housing costs as percent of income	66	66	73	70	66	69	54	48	40
Income sources of families and primary individuals	67	67	76	66	66	68	55	51	57
Light fixtures in public halls	58	68	82	72	...	65	...	65	...
Square feet per person	68	66	...	52	74	78	61	47	...
Square footage of unit	68	66	...	52	74	78	61	47	...
Mobile homes in group	68	78	...	...	65	64	66	...	...
Average monthly cost for real estate taxes	69	70	78	71	65	67	51	46	...
Units using each fuel	70	70	76	70	70	72	56	58	66
Income of families and primary individuals	70	70	79	74	69	72	58	52	44
Household income	70	70	79	74	69	72	58	52	44
Household income as percent of poverty level	70	70	79	74	69	72	58	52	44
Property insurance paid	72	72	87	75	70	71	61	65	60
Value	73	73	56	73	72	76	56	46	...
Monthly cost paid for water	73	73	87	71	72	75	61	64	67
Monthly cost paid for piped gas	73	73	79	68	74	77	59	61	66
Monthly cost paid for bottled gas	73	73	79	68	74	77	59	61	66
Selected amenities	75	76	80	76	73	78	60	62	36
Previous occupancy	75	45	...	...	76	76	65	...	...
Monthly payment for principal and interest	75	75	67	76	74	75	62	46	...
Purchase price	75	76	81	82	75	78	61	46	...
Household moves and formation in last year	75	76	83	73	72	74	59	66	70
Current interest rate	75	75	76	76	74	75	58	54	...
Severe physical problems	76	76	76	77	74	76	63	59	65
Remaining years mortgaged	76	75	77	85	79	81	61	60	...
Repairs, improvements, alterations in last 2 years	76	76	77	80	77	80	63	59	...
Amount of savings and investments	76	77	88	80	70	72	64	71	65
Payment plan of secondary mortgage	76	75	...	...	79	80	...	...	...
Adult and single children < 18 years old	77	78	90	80	74	77	61	65	62
Monthly cost paid for trash	78	79	90	79	77	79	65	70	65
Food stamps	79	80	91	80	72	75	65	70	65
Monthly housing costs	79	79	85	80	78	81	63	59	64
Other buildings vandalized or with interior exposed	79	79	82	83	76	78	...	79	...
Conditions of streets	80	80	85	83	77	77	...	78	...
Monthly cost paid for other fuels	80	81	90	81	78	80	64	66	68
Stories between main and apartment entrances	80	81	86	83	78	78	...	83	...
Reasons for leaving previous unit	80	82	90	...	76	78	63	65	...
Common stairways	80	80	86	82	...	77	...	84	...
Monthly cost paid for electricity	80	80	88	78	78	81	64	64	67
Term of primary mortgage at origination or assumption	80	79	82	85	81	82	63	60	...
Payment plan of primary mortgage	80	80	82	85	80	82	63	60	...
Trash, litter or junk on streets or any properties	80	80	85	81	77	77	...	78	...
Stories in structure	80	80	84	82	...	78	...	79	...
Age of other residential buildings within 300 feet	80	80	85	83	77	77	...	79	...
Description of area within 300 feet	80	80	84	83	78	78	...	79	...
External building conditions	80	80	84	83	77	77	...	78	...
Owner or manager on property	81	82	89	81	...	79	...	84	...
Home search	81	83	93	...	77	79	64	64	...
Persons other than spouse or children	81	82	91	85	78	81	62	77	65
Type of primary mortgage	81	81	83	83	81	82	66	63	...
Routine maintenance in last year	81	81	86	85	80	83	67	60	...
Items included in primary mortgage payment	82	82	79	82	82	83	66	60	...
Recent mover comparison to previous home	82	84	94	...	78	80	63	65	...
Respondent moved during past year	82	83	90	84	79	82	64	71	70
Tenure of previous residence	82	84	93	...	77	79	64	68	...
Structure type of previous residence	82	84	94	78	78	80	63	68	...
Average monthly cost paid for fuel oil	82	83	91	85	81	84	66	68	67
Number of single children < 18 years old	82	82	93	85	80	82	65	73	70
Lenders of primary and secondary mortgages	82	82	81	85	82	83	67	60	...
Choice of present neighborhood	82	84	91	...	78	80	63	65	...
Neighborhood search	82	84	93	...	78	80	63	62	...
Choice of present home	82	84	91	...	78	80	64	65	...
Own never married children < 18 years old	82	82	93	85	80	82	65	73	70
Recent mover comparison to previous neighborhood	82	84	93	...	78	80	63	65	...
Major source of down payment	82	83	91	86	81	83	68	61	...
First time owners	82	83	88	86	80	83	68	57	...
Main house heating fuel	82	82	91	85	80	83	65	72	72
Units where householder moved during past year	82	83	90	83	79	82	65	71	70
Government subsidy for repairs	83	83	91	85	81	85	68	...	...
Water heating fuel	83	84	93	86	82	85	67	73	71
Mortgages currently on property	83	84	89	87	81	84	69	63	...

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

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

United States and Regions	Occupied housing units, 1991	Same units, 1980 and 1991	Current year units resulting from—		Units added through—				
			Conversion	Merger	Total	New construction	Other sources		
							House or mobile home moved in	From nonresidential use	Other
Other activities on property	83	83	83	87	81	84	68	60	...
Year unit acquired	83	83	88	86	81	84	68	60	...
Year primary mortgage originated	83	83	85	86	82	84	66	63	...
Moderate physical problems	83	84	93	86	80	83	67	73	65
Owners with one or more mortgages	83	83	88	87	81	83	68	60	...
Lower cost state and local mortgage	83	83	87	85	83	84	67	63	...
Cars and trucks available	83	84	92	85	81	83	67	67	68
Other heating equipment	83	84	91	85	81	84	67	73	64
Plumbing facilities	84	84	92	86	82	85	66	71	69
Selected deficiencies	84	84	93	85	82	84	67	71	70
Condominium and cooperative fee	84	84	...	...	85	85	...	...	...
Cost and ownership sharing	84	85	93	87	83	85	69	67	...
Source of water	84	85	93	84	82	85	67	71	71
Year householder moved into unit	84	85	95	86	82	85	68	73	71
Units in structure	84	84	89	85	81	84	66	69	69
Years of school completed by householder	84	84	93	86	81	84	67	73	70
Foundation	84	83	...	83	...	87	54	63	...
Main heating equipment	84	85	94	86	81	84	68	73	66
Mortgage origination	84	84	85	87	83	84	68	63	...
Persons 65 years old and over	84	85	92	86	82	85	68	73	71
Kitchen facilities	84	85	94	88	82	85	68	73	69
Means of sewage disposal	84	84	93	86	81	84	65	71	71
Neighborhood conditions	84	85	94	86	82	85	68	73	71
Overall opinion of neighborhood	84	85	94	85	82	85	67	72	71
Central air conditioning fuel	84	84	93	91	84	86	64	61	...
Clothes dryer fuel	84	84	93	86	83	85	68	65	...
Homeowners association fee	84	84	...	...	85	85	...	...	...
Electric fuses and circuit breakers	84	84	92	84	81	84	67	70	71
Cooking fuel	84	85	93	85	82	85	68	72	79
Sewage disposal breakdowns	84	85	94	86	82	85	67	72	71
Other house heating fuels	84	85	94	87	82	85	67	73	73
Water supply stoppage	84	85	94	85	82	85	67	71	71
Year structure built	84	85	89	84	81	85	65	56	59
Overall opinion of structure	85	85	94	86	83	86	68	73	71
Flush toilet breakdowns	85	85	93	86	82	85	68	71	72
Water leakage during last 12 months	85	85	94	85	83	85	68	73	71
Air conditioning	85	85	92	86	83	86	68	72	71
Clothes dryer	85	85	93	86	83	86	68	73	71
Washing machine	85	85	94	87	83	86	68	73	70
Dishwasher	85	85	94	86	83	86	68	73	71
Burners and oven	85	85	95	86	83	86	68	73	70
Refrigerator	85	86	95	87	83	86	68	73	71
Kitchen sink	85	85	95	86	83	86	68	73	71
Heating problems	85	85	94	87	83	86	68	72	77
Tenure	85	85	93	86	82	85	68	72	71
Race and origin of householder	85	85	93	86	82	85	68	73	70
Rent reductions	85	86	93	85	83	86	64	76	70
Cooperatives & condominiums	85	85	95	86	83	86	68	73	71
Persons	85	86	95	87	83	86	68	73	71
Age of householder	85	85	93	86	83	86	68	73	71
Nonrelatives' shared housing costs	85	86	...	...	82	83	...	...	...
Persons per room	85	85	91	86	83	86	68	72	48
Complete bathrooms	85	86	95	87	83	86	68	73	71
Bedrooms	85	86	92	87	83	86	68	72	48
Rooms	85	85	91	86	83	86	68	72	48
Household composition by age of the householder	85	86	95	87	83	86	68	73	71
Elevator on floor	89	89	94	85	...	88	...	94	...
Bars on windows of buildings	89	89	94	84	86	87	...	91	...

¹Completeness 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.

²All interviews: A type A noninterview results when the interviewer is unable to obtain the necessary information to complete an interview from an occupied unit. We adjust the weights of interviewed units which most closely resemble type A noninterviews to help reduce the bias from these cases. The interview rate reflects the completeness of the sampling lists as well as the type A noninterviews.

Table 3. Standard Errors of Bias Resulting From Incomplete Data

Publication estimate	Standard error of bias
0	126
10	126
25	126
50	127
100	129
250	135
500	144
1,000	162
2,500	216
5,000	307
10,000	489
15,000	670
25,000	1,033
40,000	1,578
50,000	1,941
75,000	1,200
90,000	655
100,000	292
106,611	126

Table 4a. Standard Error Formulas for All Current-Year Characteristics

Characteristic	Geographic area ¹	Publication estimates The error is the larger of—
1991 total housing units	US, CC, BAL	$Z \times \sqrt{2.76 \times A - 0.000\ 026 \times A^2}$
	NMSA	$Z \times \sqrt{3.25 \times A - 0.000\ 031 \times A^2}$
Same units, 1991	US, CC, BAL	$Z \times \sqrt{2.76 \times A - 0.000\ 031 \times A^2}$
	NMSA	$Z \times \sqrt{3.25 \times A - 0.000\ 036 \times A^2}$
Mergers	US, CC, BAL, NMSA	$Z \times \sqrt{1.26 \times A + 0.002\ 139 \times A^2}$
Conversions	US	$Z \times \sqrt{2.30 \times A + 0.005\ 130 \times A^2}$
	CC, NMSA	$Z \times \sqrt{2.17 \times A + 0.023\ 130 \times A^2}$
	BAL	$Z \times \sqrt{2.63 \times A + 0.000\ 024 \times A^2}$
Total adds	US, BAL	$Z \times \sqrt{2.63 \times A + 0.000\ 024 \times A^2}$
	CC	$Z \times \sqrt{2.25 \times A + 0.014\ 464 \times A^2}$
	NMSA	$Z \times \sqrt{3.25 \times A + 0.001\ 955 \times A^2}$
From nonresidential use/other	US, CC	$Z \times \sqrt{3.25 \times A + 0.001\ 955 \times A^2}$
	BAL	$Z \times \sqrt{2.63 \times A + 0.000\ 024 \times A^2}$
	NMSA	$Z \times \sqrt{2.72 \times A + 0.000\ 268 \times A^2}$
New construction	US, BAL	$Z \times \sqrt{2.63 \times A - 0.000\ 040 \times A^2}$
	CC	$Z \times \sqrt{2.76 \times A - 0.000\ 047 \times A^2}$
	NMSA	$Z \times \sqrt{2.30 \times A - 0.000\ 022 \times A^2}$
House or mobile home moved in	US, CC, BAL, NMSA	$Z \times \sqrt{2.63 \times A + 0.000\ 024 \times A^2}$

¹Each characteristic is divided into four geographic areas: United States (US), Central City (CC), Balance (BAL), and Nonmetropolitan Statistical Areas (NMSA).

Table 4b. Standard Error Formulas for All Base-Year Characteristics

Characteristic	Geographic area ¹	Publication estimates The error is the larger of—
Same units, 1980, and 1980 total housing units.....	US, CC, BAL	$Z \times \sqrt{2.76 \times A - 0.000\ 031 \times A^2}$
	NMSA	$Z \times \sqrt{3.25 \times A - 0.000\ 036 \times A^2}$
Mergers.....	US, CC, BAL, NMSA	$Z \times \sqrt{3.22 \times A + 0.000\ 627 \times A^2}$
Conversions.....	US, BAL	$Z \times \sqrt{2.12 \times A + 0.000\ 563 \times A^2}$
	CC, NMSA	$Z \times \sqrt{2.30 \times A + 0.005\ 133 \times A^2}$
Total losses.....	US, BAL	$Z \times \sqrt{2.72 \times A + 0.000\ 268 \times A^2}$
	CC	$Z \times \sqrt{2.12 \times A + 0.000\ 563 \times A^2}$
	NMSA	$Z \times \sqrt{3.25 \times A + 0.001\ 955 \times A^2}$
Demolition or disaster.....	US	$Z \times \sqrt{2.63 \times A + 0.000\ 024 \times A^2}$
	BAL, NMSA	$Z \times \sqrt{2.72 \times A + 0.000\ 268 \times A^2}$
	CC	$Z \times \sqrt{2.12 \times A + 0.000\ 563 \times A^2}$
House or mobile home moved out.....	US	$Z \times \sqrt{2.66 \times A + 0.001\ 126 \times A^2}$
	CC	$Z \times \sqrt{2.63 \times A + 0.000\ 024 \times A^2}$
	BAL, NMSA	$Z \times \sqrt{3.25 \times A + 0.001\ 955 \times A^2}$
To nonresidential use/exposed, damaged, or condemned/other.....	US, CC, BAL, NMSA	$Z \times \sqrt{2.72 \times A + 0.000\ 268 \times A^2}$

¹Each characteristic is divided into four geographic areas: United States (US), Central City (CC), Balance (BAL), and Nonmetropolitan Statistical Areas (NMSA).

Table 5. Calculation of the 90-Percent Confidence Interval for Medians

The following steps calculate the 90-percent confidence interval for medians. First we give some hypothetical cost data to work with (all numbers are in thousands):

		Cumulative number of housing units
Total housing units	209	-
Less than \$25	50	50
\$25 to \$49	45	95
\$50 to \$74	30	125
\$75 to \$99	20	145
\$100 or more	55	200
Not reported	9	-
Median	\$54	-

Steps for calculations	Formula	Bottom limit		Top limit	
		Example	Your data	Example	Your data
How many total units is the median based on (in thousands, exclude 'not reported' and 'don't know')?	A	200			
Half the total, for the median (in thousands)	A/2	100			
Error from sampling for 50 percent of the base of this median (1st line) ¹	$148/\sqrt{A}$	10.5			
Multiply this percentage error by .01 to turn it into a fraction and by total units to give the error in housing units	$1.48\sqrt{A}$	21			
Bottom of error range (2nd line minus 4th line, in thousands)	B _{bottom}	*79			
Top of error range (2nd line plus 4th line, in thousands)	B _{top}			*121	
* Start adding up the housing units in the table, category by category, cumulatively from the beginning of the table, until you exceed the starred number above. What interval does the starred number fall in?		\$25-\$49		\$50-\$74	
How many housing units are in all the categories before this one (in thousands)?	C	50		95	
How many housing units are in this category (in thousands)?	D	45		30	
What is the bottom limit of this category (in dollars, rooms, or whatever the item measures)?	E	\$25		\$50	
What is the bottom limit of the next category (in dollars, rooms, etc)?	F	\$50		\$75	
Formula to calculate the limits of confidence interval	$\frac{B-C}{D}(F-E) + E$	$\frac{79-50}{45}(25) + 25$		$\frac{121-95}{30}(25) + 50$	
Limits of confidence interval (in dollars, rooms, etc)		\$41		\$72	

¹Statistical note: This formula is based on the error from sampling for 50 percent (using the formula above, $1.64 \times \sqrt{(3.25 \times 50 \times (100-50)/A)} = 148/\sqrt{A}$). This formula is an overestimate for most items. For a more accurate answer, replace the first number under the square 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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